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Cover photo: Short-eared Owl at Lye Creek Burn, Montgomery County. Photo by Shari McCollough on 08 March 2019.

Back cover photo: Male Northern Cardinal at Indiana Dunes State Park, Porter County, 09 April 2018. Photo by Brad Bumgardner.

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Letter from the President

Amy Wilms, Connersville, IN

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Spring migration is upon us and each day we're welcoming back the migrants who left us for a brief time in winter. When I wake up in the morning, I pour a cup of coffee and sit outside at the feeders to listen to our visitors. The sounds fill my soul with joy when I hear the Fox Sparrows sing their final songs before leaving my special place – then comes the arrival of Pine Warblers, Eastern Phoebes & Chipping Sparrows, Brown Thrashers, Blue-gray Gnatcatchers, Yellow Warblers... well, you probably get the drift. I'm amazed at this time of year – saying goodbye to the Juncos, Purple Finches, and that darn cute Red-breasted Nuthatch to say hello to those we have not seen in a while. It's like unwrapping a gift every day.

I'd like to thank everyone who had enough trust in me to lead this great organization again and to continue to build upon the many successes that Indiana Audubon has experienced over the last several years. This organization is thriving because of our dedicated members and those who serve in leadership roles. They are passionately focused on the environment, on learning, and on conservation of birds.

I'd like to thank the leaders who came before me. I have no doubt that you deeply care for the Society and will continue to in the years to come. Your hard work and dedication are greatly appreciated.

As we move forward, I'm excited to continue the fantastic hard work of our Executive Director, Brad Bumgardner, who works tirelessly for this organization. His commitment, knowledge, and passion for what he does sings like the song of a Carolina Wren – he doesn't stop until the work is done for the day.

I'm committed to helping move this organization forward and welcome every day as a gift from you, the members. Just like the seasons, every day brings something new.



Indiana Christmas Bird Count Summary 2018-2019

John Cassady, Niles, MI

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The 118th Christmas Bird Count season in Indiana will be remembered for the discovery of two amazing rarities. Any other year, the first CBC record of a Piping Plover found on the Indiana Dunes count would have easily been the bird of the season, but not this year. That honor goes to the Gene Stratton-Porter count's Great Kiskadee – not only a CBC first for Indiana, but a first state record as well! Additional CBC rarities included Indiana's fifth Spotted Sandpiper, the state's fourth Tree Swallow, a pair of Northern Waterthrush, and Indiana's second Nelson's Sparrow. Still other good finds included three Great Egrets, a Black-legged Kittiwake, and a House Wren.



Piping Plover at Indiana Dunes State Park, Porter County, December 15, 2018. Photo by Brad Bumgardner.

Six species had record high totals this season - White-winged Scoter (94), American White Pelican (12), Bald Eagle (355), Red-shouldered Hawk (306), Barn Owl (7), and Red-bellied Woodpecker (2,232).

Unusually low counts included Wood Duck (10), American Wigeon (32), American Black Duck (141), Short-eared Owl (24), Lapland Longspur (45), and Snow Bunting (11).

Western Gibson County had the highest species total this season with 104, followed closely by Goose Pond's 102. Other circles to top ninety species included Oakland City (93) and Lake Monroe (92). Fifty-three counts reported data in Indiana this season, which included 775 field observers and 119 feeder watchers. A total of 1,800 party hours, 243 hours of feeder observation, and 103 hours of nocturnal birding resulted in the discovery of 153 total species.

Compared to recent seasons, this year's goose totals were unremarkable. However, it was a good season for Ross's Goose, with four circles contributing to the twenty-six total - Goose Pond (16), Gibson (5), Terre Haute (3), and Oakland City (2). The South Bend count found a Ross's X Snow Goose hybrid - a CBC first for Indiana. The majority of the season's Cackling Geese (53) came from the So. Lake County count (35). Swan numbers were also lower than expected. In particular, the Tundra Swan total (16) was the lowest in sixteen years.

Duck totals were dismal this season. Many compilers commented on low waterfowl counts - several suggesting that low temperatures leading up to the count period pushed the waterfowl out despite an abundance of open water on count day. The Wood Duck total (10) was the lowest in forty-five years. The American Wigeon total (32) was a twenty-eight year low, while the American Black Duck total (141) was the lowest in the history of the state's CBC. The Goose Pond count saved the Northern Shoveler and Northern Pintail totals from similar fates. Their well-manned count had 53 of the season's 83 Shovelers and 111 of the 171 total Pintails.

Seaducks included twelve Surf Scoters, all from “inland” counts - Indianapolis (9), Eagle Creek (2), and Whitewater (1). The record 94 White-winged Scoters all came from Lake Michigan; the Dunes count had a remarkable total of 93, while Dunes West added one more. The Dunes count also had the season’s only Black Scoter and all eleven of this year’s Long-tailed Ducks. Other duck counts of note included Indy’s 78 Bufflehead, 240 Common Goldeneye on the Elkhart count, Patoka Lake’s 186 Hooded Mergansers, and nice Ruddy Duck tallies by Knox County (58) and Elkhart (22).

More than half of this season’s eighty-four Northern Bobwhite were provided by Goose Pond (46). Good Wild Turkey numbers came from Evansville (133) and South Bend (91). As expected, most of the seasons sixty-eight Red-throated Loons came from the Dunes count (66), while singles came from Lake Monroe and Dunes West (count week). Sullivan County had a fine Horned Grebe total (101). Gibson found 115 of the season’s 130 Double-crested Cormorants and all twelve of the record count of Am. White Pelicans. Great Blue Heron counts of note came from Gibson (144) and Cass County (54). Great Egret was recorded for a forth straight year, with singles from Goose Pond, Oakland City, and Sullivan County.

Patoka Lake counted eighty-two Black Vultures and 178 Turkey Vultures, while Lake Monroe added 168 Turkey Vultures. This season’s seven Golden Eagles included two from Big Oaks. Bald Eagles once again established a new record total (355), with nice counts from Lafayette (50) and Cass County (33). Terre Haute’s fifty-two Red-shouldered Hawks were big contributors to a record total (306). Significant Rough-legged Hawk counts came from Willow Slough (25) and Goose Pond (19). This season’s lone Virginia Rail came from the Dunes count. Whitewater State Park’s 4,595 Sandhill Cranes was nearly half of the season total (9,733). Once again, Whooping Cranes were added by Goose Pond (23) and Gibson (4).

The Piping Plover found on the Dunes count was a stunning CBC first for Indiana. Other shorebird highlights included a nice Killdeer total from Whitewater (70), Indiana’s 5th CBC Spotted Sandpiper on the Indy count, and American Woodcocks from Gibson (3) and Pike County (1).

Gull highlights featured a Black-legged Kittiwake on the Dunes count and 415 Bonaparte’s Gulls from Whitewater. Three-fourth's of the season’s 1,111 Herring Gulls were found on the Elkhart County count (736) - probably the result of active landfills. The two Lesser Black-backed Gulls were found at Gibson and Elkhart (count week), while the two Glaucous Gulls came from Elkhart and Farmland. Elkhart also had the only Iceland Gull of the season (count week). This year’s ten Great Black-backed Gulls were provided by the Dunes count (7), Dunes West (2), and Elkhart (count week).

A record high seven Barn Owls included an impressive count of five from Oakland City and two from Spring Mill. Elkhart and Goose Pond each had single Long-eared Owls. The twenty-four Short-eared Owls was the lowest total in twelve seasons. This year’s three Northern Saw-whet Owls came from Lake Monroe (2), and Patoka Lake (1). Lake Monroe also tallied a nice Red-headed Woodpecker total (103). A record high 2,232 Red-bellied Woodpeckers featured fine totals by Elkhart (198), Lake Monroe (169), and Terre Haute (102).



Great Kiskadee from Noble County. Photo by DeAnn Dyson on 16 December 2018.

Gene Stratton-Porter's first state record Great Kiskadee ended up sticking around a Lagrange County yard long after the count period, thrilling countless birders. McCormick's Creek had the lone Loggerhead Shrike of the season. The six Northern Shrikes were found in four circles - two each from the Dunes and Willow Slough, and singles from Dunes West and Gene S-P. Southern Lake County had nearly a third (515) of the season's total Horned Larks (1686).

A "count week" Tree Swallow on the Gibson count was Indiana's fourth CBC record and the first in eighteen years. It was an irruption year for Red-breasted Nuthatches; the 430 counted was the highest total in ten years. Goose Pond had the lone House Wren and the only two Marsh Wrens this year. It was a good season for Winter Wrens, with Elkhart (15) and Oakland City (12) big contributors to this year's sixty-two birds.

Gray Catbird went unreported for the first time in twenty-five years. The Lapland Longspur total (45) was also the lowest in twenty-five seasons, while it has been twenty-four years since the Snow Bunting total (11) was so low. The dearth of Snow Buntings, though worrisome, was not unexpected, after a disastrous fall migration for this arctic species. Warblers of note included a remarkable TWO Northern Waterthrushes on the Dunes count. These birds were the state's third and fourth CBC records, and the first in twenty-four seasons. Three circles had single Common Yellowthroats - Goose Pond, Whitewater, and Jamestown (count week). The season's lone Palm Warbler was also provided by Goose Pond.



Dickcissel, photographed 18 December 2018 in Vigo County. Photo by Ben Cvangros.

Indiana's second CBC Nelson's Sparrow was found on the Eagle Creek count. This year's nineteen Chipping Sparrows included seven from Gibson and six from Gene S-P. The only Vesper Sparrow was found by Oakland City's counters. Goose Pond's dedicated crew found an impressive 203



Pine Siskin and American Goldfinch at Eagle Creek, Marion County. Photo taken by Rhiannon Thunell on 15 December 2018.

Swamp Sparrows. Terre Haute's "count week" Dickcissel was the state's first CBC record in eleven years. Nearly all of this season's 363 Rusty Blackbirds came from two circles - Know County (200) and Pike County (122). Common Grackles had a similar story with almost all of this year's birds (115,776) coming from Oakland City (103,851). Small numbers of Purple finches were widely spread, with the highest count being eight birds from South Bend. Lake Monroe had five Red Crossbills, the highest count in ten seasons. All of this year's Common Redpolls came from the Lakefront; the Dunes count tallied fifty-one birds, while Dunes West added Redpoll as "count week." It was a great season for Pine Siskin, which had their highest total in twenty years (389). Big Siskin counts came from Elkhart (118), the Dunes (53), and Willow Slough (42).

Winter Indiana Field Notes 2018-2019

Ken Brock, Chesterton, IN

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The season's meteorological highlight was a late January visit by the fabled Polar Vortex. It arrived in Chesterton on 30 January and the low temperature dropped to -19°F before plunging to -22°F on the 31st. Mercifully, by 3 February the temperature rebounded to a balmy +50°F.

In addition to the Polar Vortex, the winter of 2018-2019 brought some amazing birds to Indiana. Indiana's winter list included a Piping Plover, a Gyrfalcon, a phenomenal Great Kiskadee, a single Philadelphia Vireo, an Ovenbird, one January Nashville Warbler, two very late Northern Waterthrushes, and a Dickcissel.

Departure from Normal: Indianapolis		
	°F	Precip. Inches
Dec	+4.9	+0.62
Jan	-0.7	+0.16
Feb	+1.7	+2.36

Ross X Snow Goose hybrid: A dark morph found in South Bend in early December was initially thought to have been a dark-morph Ross's, but the identification was subsequently considered by many to be a hybrid (Mike Bourdon and many observers). Excellent photos of this most interesting bird can be viewed at: <https://ebird.org/view/checklist/S50659983>

Greater White-fronted Goose: Bob Decker set a record count on 29 January when he tallied (14000) at the Gibson Power Plant (counted by 100s). On 16 February, Jim Brown estimated (referred to as a "SWAG") 15000 from the Goose Pond Visitor Center. The previous record of 12500 was made at Goose Pond FWA on 24 January 2015.

Trumpeter Swan: On Christmas day Steve Lima tallied (464) at the Universal Mine (Vermillion Co), providing Indiana's largest daily count.

Tundra Swan: The (93) birds that Bob Meier found in flooded field in Evansville constitute a high count for the southern tier of counties.

Surf Scoter: Two adult males were at Portage Lakefront Park on 21 January (Matthew Beatty and Martin Stoner) and were very photogenic. Additionally, four other inland reports occurred statewide this winter.



Surf Scoters at the Portage Lakefront Park (Porter Co) 21 January 2019. Photo by Beth Dixon.

Black Scoter: The (3) birds that the Hengevelds logged at Lake Lemon (Monroe Co) on 7 December tied Indiana's second largest inland winter count. Immature males, which are rarely seen on the lakefront, were logged at Jeorse Park on 8 February (Matt Kalwasinski) and at Portage Lakefront Park on 19 February (KJB). Matt's bird constitutes the lakefront's first record of a yearling male.

Long-tailed Duck: On 24 December Kirk Roth discovered a female in Greensburg's Upland Reservoir, establishing a first record for Decatur County. It lingered for several days. Five other inland records took place this winter, in addition to several wintering birds on the lakefront.

Red-necked Grebe: A spike in activity occurred in early December, yielding seven birds for the state. The records included: (2) at Patoka Lake, Dubois Co, on the 1st (Sean Verkamp), (1) in Jeffersonville on the 2nd (Robert Chadwick), (1) off Miller Beach on the 3rd (Michael A. Topp), and (3) at Paynetown on the 7th (Vern W. Wilkins). The Indiana STYM=2.45.

Sora: Nick Yarde described (1) at Camp Adventure (Kosciusko Co) on 25 January, providing Indiana's fourth record for the first month.



Virginia Rail at Camp Adventure, Kosciusko Co, 26 January 2019. Photo by Nick Yarde.

Virginia Rail: The (4) that Nick Yarde photographed at Camp Adventure (Kosciusko Co) on 26 January constitute Indiana's second largest winter tally and the largest ever for January.

Piping Plover: On 15 December (the day of the Dunes CBC), Brad Bumgardner, Brendan Grube and Josh Grube found (1) on the Dunes State Park beach (Porter Co). This is Indiana's first winter record. The previous latest was a bird at Lake Gibson that lingered from 8 to 28 November 2009. The latter is also Indiana's only November record.

Pectoral Sandpiper: The (2) found at the Wheeling Bottoms (Gibson Co) on 24 February constitute Indiana's third earliest date (Bob and Jesse Meier).

American Woodcock: The season's first report involved a displaying bird that Clay Bliznick observed at Blue Grass FWA on 1 January.

Black-legged Kittiwake: On 3 December John C. Kendall, Michael A. Topp, et al. observed a juvenile and an adult at Miller Beach (Lake Co). An additional bird was located for the Dunes CBC at Indiana Dunes State Park (Porter Co) on December 15 by Brad Bumgardner and Don Gorney.

Franklin's Gull: Eric Michael photographed what appeared to be an alternate adult at the Elkhart landfill on 9 February. Interestingly, flight shots indicate that the primaries were still in molt. This report provides Indiana's second record for the month of February.

Glaucon Gull: A long-staying first-cycle bird was discovered at Morse Res. on 26 December (Kevin Wyckoff) and lingered until 26 January (Kevin Cornell). In addition multiple Glaucon Gulls were reported in Elkhart and St Joseph counties associated with landfills.

Snowy Owl: An almost perfectly white bird appeared at the Valparaiso Airport (Porter Co) on 4 January (Richard Garrett and William Sharkey). Additionally, ten other birds were reported in nine winter reports, all of which took place in the northern part of the state.

Gyr Falcon: On 7 December Steve Bell found (1) in the Bear Run portion of the Hawthorn Mine (Sullivan Co). Based on Steve's excellent photographs, the bird appeared to be juvenile gray morph. This is Indiana's sixth Gyr Falcon record, pending IBRC review.

Great Kiskadee: By far the season's most astonishing bird was Indiana's first Great Kiskadee. DeAnn Dyson originally photographed the bird at her Noble Co home on 16 December. Subsequently a number of birders attempted to find the bird but few were initially unsuccessful. It was frequently heard, but rarely seen; however, the bird appeared briefly on the 18th when John C. Kendall obtained photographs. Thanks to Jeffrey J. McCoy's diligence it was determined that the bird appeared most often in early morning and late afternoon. Based this information many observers were subsequently able to see the bird. Indeed, it lingered in the area until 13 January (John K. Cassady & Lynn H. Vernon) and was enjoyed by scores of birders.

Northern Shrike: It was an above average winter for this shrike with 37 reported in the state (STYM=24.6). On 26 December Brad Bumgardner logged (3) – 2 at Beverly Shores and one at Cowles Bog – tying the lakefront's second largest daily count.

Philadelphia Vireo: Astonishingly, Randy and Lisa Vanderbilt photographed one at their Indianapolis feeder on 5 December. This is not only Indiana's first December record, but there are not even any November reports. Larry Peavler logged the state's previous latest record at Eagle Creek Park on 31 October 2004.

Red-breasted Nuthatch: Hoosiers experienced a record winter with 864 birds reported (STYM=155). On 3 February Evan Speck logged the peak daily count of (35) at Sugar Ridge FWA.

Varied Thrush: Ron Needham photographed a female that lingered on his Lafayette (Tippecanoe Co) deck for a couple of hours on 12 February. This is Indiana's first record in five years.

Purple Finch: Above average winter numbers were logged this season with 425 reported (STYM=219). The peak count was (30) that Sean Verkamp recorded at Lincoln State Park on 19 January and at Patoka Lake (Dubois Co) on the following day.



Philadelphia Vireo, photographed by Randy Vanderbilt on 5 December 2018 in Marion Co.

Red Crossbill: The only winter report consisted of (5) flyby calling birds that Gary Langell logged at Hoosier National Forest (Jackson Co) on 16 December (STYM=11.3).

Common Redpoll: It was a below average redpoll winter with only 126 reported (STYM=280). The season's peak tally consisted of a flock of (30) that Jeff McCoy et al. observed on Ameritech Road near Ind. 249 on 8 December.

Pine Siskin: Indiana birders enjoyed the best numbers since the winter of 2007-08, with (1839) reported (STYM=606). Peak tallies were logged at Potato Creek S.P., where Bob Huguenard tallied (110) on 19 January and Martin Stoner counted (120) on 17 February. The latter is Indiana's fifth largest winter count.

Evening Grosbeak: A smattering of grosbeaks were reported across the state, providing a total of 24 birds that mainly appeared at inland feeders (STYM=11.6). The peak tally was (4) that Edward Hopkins logged at a Crawfordsville feeder on 9 January. A single male lingered at Linda Motes' Clinton Co feeder through the season's end.



Evening Grosbeaks at the feeders of Matt Williams, Montgomery Co. Photo taken 15 December 2018 by Matt Williams.

Snow Bunting: Only 40 birds were reported in the state this winter (STYM=1618). You might recall that Indiana birders reported disturbing low numbers during last fall's feeble migration.

Lincoln's Sparrow: Five were reported in the state this winter (STYM=1.75). The one in Newton Co on 14 December 2018 (Doug Gerbracht), provided Indiana's 20th record for the 12th month. Lucas Wilson reported another in Ripley Co on 6 January, which constituted Indiana's sixth January record. Annie Aguirre and Tanner Troyer found (1) at Cowles Bog on 26 January. This is the lakefront's second winter record and the first ever for January.

Brown-headed Cowbird: The 22,000 that Vern Wilkins counted at the Chinook Mine (Vigo Co) on 28 December provided Indiana's second largest single party count.

Ovenbird: M. Penny and Jim Starin photographed (1) at their Chesterton residence as it devoured freeze-dried mealworms on the morning of 23 January. The bird was seen again on 9 February providing the lakefront's first records for both months. It lingered through the season's end.



Ovenbird at the Starin residence, Porter Co, 24 January 2019. Photo by Jim Starin.

Northern Waterthrush: On the 15 December Dunes CBC, Brendan J. Grube and Josh Grube found (2) together in west Beverly Shores. It was about 6.5 miles east of the location at which the Cowles Bog bird was reported on 30 November. This is Indiana's second winter

record: the first occurred in Tippecanoe Co on 26 December 1966.

Orange-crowned Warbler: Scott F. Jackson logged the season's first at Eagle Creek Park on 12 January. Bob Meier found a second bird at Howell Wetland (Vanderburgh Co) on 20 February.

Nashville Warbler: Singletons were logged at Dobbs Park, Terre Haute on 6 December (Carissa Lovett) and in Andrews (Huntington Co) on 12 January (Andrew Wolf). The former involved a bird that lingered at the park into late November, and the latter provided Indiana's second record for the first month (and the first in 45 years). Indiana's STYM is a paltry 0.15.

Cape May Warbler: Davie E. Russell observed an adult male in Nashville on 1 December. While getting a haircut on 8 December, Rusty McIntyre photographed one at a feeder in Montgomery County. These two reports constitute Indiana's 12th and 13th December records (STYM=1.05).

Palm Warbler: The flock of (5) that Steve Lima found at the Farmersburg mine on 23 December was a noteworthy winter count.

Pine Warbler: This warbler failed to appear until the season's eleventh hour when Lucy Ubelhor reported (1) in Perry Co on 18 February. Two other birds were subsequently reported (STYM=3.45).

Yellow-rumped Warbler: The season's peak count was (52) that Sean Verkamp logged at Patoka Lake (Dubois Co) on 26 January. The latter provided Indiana's fifth largest winter tally.

Rose-breasted Grosbeak: A first-cycle male was photographed at Oak Ridge Prairie Park (Lake Co) on 4 December (Lauren Wadas). This is Indiana's sixth record for the 12th month and the lakefront's second. Mike Gruszczynski found an adult male near Bloomington on 17 February, providing Indiana's third record for the second month.



Indigo Bunting: A male arrived at the Hengevelds' Brown Co feeding station on 19 January and was still present on 9 March. John Meredig found another at Angel Mounds Historic Site on 4 February.

Dickcissel: Ben Cvengros photographed (1) at Dobbs Park (Vigo Co) on 28 December. This is Indiana's 13th record for the 12th month. Ben also saw this individual again on 14 and 26 January.

First-cycle Rose-breasted Grosbeak at Oak Ridge Prairie Park, Lake Co. Photo taken by Lauren Wadas, 04 December 2018.

Birds of the Wakarusa Wastewater Treatment Facility Fall 2018

Kyle Miller, Wakarusa, IN

Well, another interesting year has gone by at Wakarusa Wastewater Treatment Facility (WWTF). The highlights for the season in the waterfowl line were Cackling Goose, third fall record of Greater Scaup, and second fall record of Surf Scoter. Dabblers were seen in low numbers this fall except for Blue-winged Teal and Gadwall. Diver numbers were average with the exception of Redhead and Bufflehead, which were above average.

As for shorebird highlights, American Avocet was probably the bird of the season. Sanderling and Buff-breasted and Baird's Sandpipers were seen in record numbers. Other good shorebirds were Stilt and White-rumped Sandpipers and Red-necked Phalarope. Overall numbers were above average.



Red-necked Phalarope at Wakarusa, Elkhart County, 01 October 2018. Photo by Leland Shaum.

Another highlight was Clay-colored Sparrow seen in the exact same spot that it was seen in the spring! Additional highlights were Purple Finch, Red-breasted Nuthatch, Orange-crowned Warbler, Brewer's Blackbird and Peregrine Falcon.

An amazing 200 species were seen at WWTF this year! The previous record was 173 species in 2016. I think this is due to more people birding WWTF than there were five years ago. According to sightings the last two years from March to May and August to November, there is close to one person birding WWTF each day. Another record set this year was 26 warbler species observed, which shatters the previous record of 17 set in 2016. There were six new species added to the WWTF list this year.

In the period from August 22, 2002 (when good records at WWTF begin) through December 31, 2018 there have been 37 waterfowl, 33 shorebird, 15 raptor, 8 heron, 6 gull, and 28 warbler species recorded. The complete property list is now at 242 species. There have also been two first state records and two second state records found at WWTF.

I am not really sure what is possible to add to the list except some more common birds like Eastern Screech-Owl and Mourning Warbler. Who knows, maybe some rare shorebird or duck will show up – you never know! If anyone wants a copy of the WWTF list, or if you see something unusual at WWTF, please contact me at 574-642-1300 ext. 5214.

Totals For The Season

Waterfowl Species: 22
 Shorebird Species: 17
 Gull Species: 3
 Warbler Species: 14

Totals For The Year

Waterfowl Species: 31
 Shorebird Species: 21
 Gull Species: 4
 Warbler Species: 26
 Total Species: 200

Top Ten Species of the Year

1. American Avocet
2. American White Pelican*
3. Buff-breasted Sandpiper
4. Eared Grebe
5. Red-necked Phalarope
6. Willet
7. Lesser Black-backed Gull
8. Clay-colored Sparrow*
9. Surf Scoter
10. Sanderling

* Indicates first record

Fall 2018 Species Report WWTF

Species	Number of Birds Seen	Sixteen Year Average	Season High Count
Canada Goose	1658		336 On 11-28
Grt. White-fronted Goose		11	
Cackling Goose	1	5.2	1 on 9-30
Snow Goose		4.1	
Ross's Goose		3 records	
Wood Duck	505	690	78 on 8-27
Gadwall	36	13	27 on 10-12
American Wigeon			
Mallard	1055		181 on 11-12
American Black Duck	1	3.1	1 on 12-22
Blue-winged Teal	345	142	98 on 9-2
Northern Shoveler	1355	1480	91 on 10-26
Northern Pintail	5	12	1 on 9-3
Green-winged Teal	34	56	8 on 9-7
Canvasback	1	2.8	1 on 9-30
Redhead	40	11	12 on 10-31
Ring-necked Duck	47	32	21 on 10-21
Greater Scaup	2	2 records	2 on 11-2
Lesser Scaup	61	50	32 on 10-13
Surf Scoter	1	2 records	1 on 10-21
Long-tailed Duck		1 record	
Bufflehead	695	202	104 on 11-12
Common Goldeneye	2	1.1	1 on 10-24
Hooded Merganser	13	4.7	4 on 10-21
Red-breasted Merganser		3 records	
Common Merganser		2 records	
Ruddy Duck	227	306	19 on 10-22
Common Loon		1 record	
Pied-billed Grebe	2	8.4	1 on 7-26
Horned Grebe		2	
Eared Grebe		3 records	
Red-necked Grebe		No fall records	
Double-crested Cormorant	1	21	1 on 7-28
American Coot		4.1	
Black-bellied Plover		1.4	
American Golden-Plover		3.6	
Semipalmated Plover	1	7.7	1 on 8-5
Killdeer	931	913	82 on 9-19
American Avocet	1	.6	1 on 9-14

Black-necked Stilt		No fall records	
Greater Yellowlegs	38	16	9 on 8-17
Lesser Yellowlegs	217	120	27 on 8-17
Solitary Sandpiper	46	39	7 on 8-17
Willet		2 records	
Spotted Sandpiper	816	566	62 on 8-6
Upland Sandpiper		3 records	
Ruddy Turnstone		.8	
Sanderling	27	2.4	21 on 7-21
Semipalmated Sandpiper	38	48	4 on 8-21
Western Sandpiper		1 record	
Least Sandpiper	177	131	25 on 9-3
White-rumped Sandpiper	1	3 records	1 on 8-17
Baird's Sandpiper	21	5.4	5 on 8-30
Pectoral Sandpiper	42	67	9 on 9-26
Dunlin	42	26	8 on 10-19
Stilt Sandpiper	1	1.7	1 on 9-25
Buff-breasted Sandpiper	4	.8	1 on 8-30
Short-billed Dowitcher		5.7	
Long-billed Dowitcher		4 records	
Wilson's Snipe		15	
Red-necked Phalarope	1	1	1 on 9-30
Trumpeter Swan		No fall records	
Tundra Swan		6.9	
Mute Swan		2 records	
Laughing Gull		No fall records	
Franklin's Gull		3 records	
Bonaparte's Gull	44	23	18 on 11-12
Ring-billed Gull	2125	832	1300 on 11-17
Herring Gull	59	26	53 on 11-17
Lesser Black-backed Gull		1 record	
Caspian Tern	1	2	1 on 7-25
Common Tern		No fall records	
Forster's Tern		2 records	
Black Tern	4	8.1	3 on 9-5

eBird.com is gratefully acknowledged for the providing historical WWTF data records.



American Avocet at Wakarusa Wastewater Treatment Facility, Elkhart County, 14 September 2018. Photo by Leland Shaum.

2018 Birder's Lists

Allee Forsberg, Westfield, IN

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List keeping appeals to birders for many reasons—from the spirit of competition, to aiding in scientific documentation, or simply for personal records or pleasure. And because the reasons for listing are so diverse, each of us tends to adapt our lists to suit our own interests. As birders, we can sort and then reclassify a single data set to keep track of various information. While many keep thorough records using the entire spectrum of categories, others may only have interest in one or two areas. And for some birders, ticking a familiar species in a new region reignites an interest in seeing common birds. So, whether interested in specific regions on the map or establishing goal-oriented lists—such as green birding or species photographed—listing provides a little something for everyone.

The following is a platform in which fellow Indiana birders can publish their lists and share stories from their 2018 birding expeditions, whether to distant corners of the world or right in our own backyards. When Chuck Mills retired from compiling this article, I accepted the offer to step in. Sixty-three Indiana birders submitted lists this year. Remember, all are welcome to participate next year—no list is insignificant. And as Richard Garrett reminds us, “Birding is fun!” So, go make it another great year.

World Lists

World Life Lists



Just like it sounds, the following totals include birds logged anywhere on the globe. It's all fair game. While the number of countable bird species in the world depends on the source, perhaps the most widely used list is the Clements Checklist, which recognizes 10,585 species as of the last update from August 14, 2018.

5985	David Ward
4581	Larry Peavler
3813	Susan Ulrich
3811	Ted (Dolph) Ulrich
3681	Bill Buskirk
2107	Marjorie Carmony
2075	Charles Mills
1906	Bob Kissel
1905	Peter Scott
1838	Rick Read
1763	Debbie Read

1483	Rick Folkening
1352	Elvin Wilmot
1235	Cloyce Hedge
1157	Tom and Colleen Becker
1069	Steve Bell
886	Roger Hedge
806	Kirk Roth
776	Ed Powers
698	Jess Miller-Camp
668	Florence Sanchez
608	Brad Bumgardner

591	Ryan Slack
539	David Ayer
483	Allee Forsberg
465	Rhiannon Thunell
409	Kim Ehn
390	Marietta Smith
370	Benjamin Cvengros
369	Keshava Mysore
327	Margaret Bauer
305	Richard Garrett
202	Lucas Wilson

Margaret Bauer added 36 new species to her world life list; American Pipit was number 300 during the IAS Greater Prairie Chicken trip to Illinois. Stefany Boleyn intentionally omitted her world life list, as she has not compiled a list from her travels abroad in 2018. Allee Forsberg hoped to bring her life list to 500 species in 2018 but will forward the goal to next year. For Jess Miller-Camp, a work trip to New Zealand led to 47 lifers. During the Field Guides birds and pubs tour in Ireland, Chuck Mills reported seeing many birds when the weather was nice and many pubs when it rained,

concluding the tour with 99 species, including three world lifers. Rick and Debbie Read spent 25 days in Ecuador where they added quite a few new species during their exploration of the Galapagos, Amazon basin, and the Andes. Lucas Wilson accomplished his goal of reaching 200 species on his life list. Whitney Yoerger added 26 lifers in 2018.

2018 World Year Lists

785	John Kendall
523	Rick Folkening
518	Steve Bell
491	Charles Mills
437	Allee Forsberg
388	Cloyce Hedge

357	David Ayer
350	Brad Bumgardner
325	Bruce Matasick
307	Kim Ehn
302	Richard Garrett
250	Tom and Colleen Becker

238	Ryan Slack
236	Keshava Mysore
223	Benjamin Cvangros
218	Margaret Bauer
180	Lucas Wilson

Margaret Bauer had a ball birding in 2018 and watched spring migrants for three days on the north shore of Lake Erie at Point Pelee, Ontario. David Rupp was so inspired by his international birding trip to Belize in December that he is now in the process of planning birding tours to Belize in 2020. Rick Folkening also traveled internationally this year.

North American Lists

North America Life Lists

According to the American Birding Association, “The North America Region includes ... the Aleutian Islands ... Greenland ... islands within 200 nautical miles of the Pacific and Atlantic coasts, the Bahamas, all of the cays and islands lying between Nicaragua and Jamaica, and all of the Greater and Lesser Antilles ... including Grenada and Barbados ... all of Panama and ... the Caribbean Sea halfway to South America...”

1335	John Kendall
1284	Charles Mills
1183	Peter Scott
1027	Bill Buskirk
891	Cloyce Hedge
819	Roger Hedge
811	Rick Read
761	Rick Folkening
755	Ed Hopkins
739	Debbie Read

731	John Cassady
659	Kirk Roth
608	Brad Bumgardner
598	Elvin Wilmot
570	Ryan Slack
547	Tom and Colleen Becker
539	David Ayer
527	Amy Kearns
483	Allee Forsberg
474	Jess Miller-Camp

378	Kim Ehn
370	Benjamin Cvangros
365	Vicky Whitaker
316	Stefany Boleyn
305	Richard Garrett
286	Keshava Mysore
234	Margaret Bauer
202	Lucas Wilson

Cloyce Hedge made trips to Mexico during 2018. Chuck Mills lost a species on his North American list due to the lumping of Iceland and Thayer's Gull. Kim Ehn accompanied her 92-year-old mother on a West Indies Cruise where she saw incidental birds at Cuba, Curacao, and Aruba, and saw endemic species in Hawaii with new birding friends.



2018 North America Year Lists

498	John Kendall
437	Allee Forsberg
429	David Rupp
421	Charles Mills
388	Cloyce Hedge
357	David Ayer

352	Amy Kearns
350	Brad Bumgardner
302	Richard Garrett
275	Stefany Boleyn
273	Kim Ehn
250	Tom and Colleen Becker

238	Ryan Slack
236	Keshava Mysore
223	Benjamin Cvangros
218	Margaret Bauer
180	Lucas Wilson
145	Rick Folkening

ABA Area Lists

ABA Area Life Lists

According to the American Birding Association, “The ABA Area ... includes the 49 continental United States, Hawaii, Canada, the French islands of St. Pierre and Miquelon, and adjacent waters to a distance of 200 miles from land...” The current list includes 1112 maximum bird species.

910	Larry Peavler
755	Ed Hopkins
750	Ed Powers
725	John Cassady
721	Peggy Harger-Allen
715	Cynthia Powers
714	Charles Mills
710	Cloyce Hedge
710	Bob Kissel
698	Kirk Roth
692	Marjorie Carmony
681	Susan Ulrich
681	John Kendall
680	Ted (Dolph) Ulrich

676	Roger Hedge
675	Peter Scott
667	Florence Sanchez
581	Steve Bell
562	Bill Buskirk
561	David Crouch
539	David Ayer
527	Amy Kearns
502	Ryan Slack
495	Rick Folkening
483	Allee Forsberg
479	Elvin Wilmot
473	Jess Miller-Camp
470	Rick Read

437	Brad Bumgardner
431	Rhiannon Thunell
408	Debbie Read
382	Heath Harlan
381	Leland Shaum
367	Matt Kalwasinski
343	Marietta Smith
340	Jeff Packer
305	Richard Garrett
299	Benjamin Cvengros
286	Keshava Mysore
275	Larry Theller
234	Margaret Bauer
202	Lucas Wilson

During 2018, **John Cassady** reached 681 birds photographed in the ABA Area. **Heath Harlan** logged lifers not only in Indiana, but also in each state touching its borders: Illinois, Michigan, Ohio, and Kentucky; two were first state records, Great Kiskadee in Indiana and Gray Kingbird in Ohio, with a lifer Great Gray Owl in Minnesota capping off his year. **Roger Hedge** added six ABA lifers in California, including Island Scrub-Jay and Spotted Dove. **Cloyce Hedge** reached 700 species for the ABA area due to a California trip, and embarked on an Alaskan cruise. **Jess Miller-Camp** caught a pelagic in California, which included rare sightings of two Nazca Boobies, hundreds of Cook's Petrels, and excellent photos of the first non-netted sighting of Tristram's Storm-Petrel in continental North America—an ID that had overwhelming consensus among pelagic experts. **Cynthia Powers** attributed the drastic increase in her ABA total to the 39 species she saw in 2010 with her husband Ed during a Hawaii trip commemorating their 50th state for their 50th anniversary. **Ryan Slack** finally reached 500 ABA area birds during 2018, logging Tropical Kingbird as his 500th bird.

ABA Area 2018 Year Lists

437	Allee Forsberg
421	Charles Mills
387	John Kendall
365	Cloyce Hedge
357	David Ayer
352	Amy Kearns
350	Brad Bumgardner

330	Heath Harlan
302	Richard Garrett
290	Rhiannon Thunell
279	Jeff Packer
271	Matt Kalwasinski
254	Larry Theller
238	Ryan Slack

236	Keshava Mysore
218	Margaret Bauer
207	Ed Powers
198	Benjamin Cvengros
180	Lucas Wilson
174	Cynthia Powers
92	Rick Folkening

Kim Ehn was able to meet up with Sacramento Audubon Society members to visit new areas near her mom's home in Sacramento, California. **Allee Forsberg** completed a goal of logging all 19 United States owl species within a calendar year and—other than logging Whiskered Screech-Owl as a heard-only, and showing up to Key West, Florida just a little too late for an attempt at the rare Stygian Owl—these owls took her from Indiana to Ohio, Minnesota, Arizona, Florida, Texas and Utah, which aided in surpassing 400 year birds.

Indiana Lists

Indiana Life Lists

While some birds are regular as clockwork and we can almost mark the calendar by certain species, part of the enjoyment for birders is never knowing which birds might show up unannounced. In addition to notable sightings—such as White-tailed Kite, Black Rail, and the discovery of nesting Black-bellied Whistling Ducks in Posey county—Indiana added two new state record birds, the Great Kiskadee in Noble county, as well as the pending 2017 record of Lazuli Bunting.

394	Larry Peavler
378	Ed Hopkins
376	John Cassady
375	Don Gorney
369	John Kendall
366	Michael Brown
359	Roger Hedge
353	Charles Mills
349	Ed Powers
347	Cloyce Hedge
346	Brad Bumgardner
346	Kirk Roth
342	Amy Kearns
336	Marty Jones
333	Peter Scott
329	Leland Shaum
327	Evan Speck

325	Jeremy Ross
323	Matt Kalwasinski
313	David Ayer
312	Cynthia Powers
311	Steve Bell
309	Marjorie Carmony
309	Peggy Harger-Allen
305	Tom and Colleen Becker
302	David Crouch
302	Elvin Wilmot
301	Allee Forsberg
300	Susan Ulrich
298	Kim Ehn
296	Bill Buskirk
294	Heath Harlan
288	Richard Garrett
279	Ted (Dolph) Ulrich

275	Larry Theller
274	Vicky Whitaker
268	Ryan Slack
268	Marietta Smith
266	Benjamin Cvengros
252	Florence Sanchez
242	Keshava Mysore
240	Jeff Packer
237	Rhiannon Thunell
214	Stefany Boleyn
213	Rick Read
212	Margaret Bauer
167	Lucas Wilson
166	Rick Folkening
165	Debbie Read

Margaret Bauer added 38 species to her Indiana life list. Michael Brown added Great Kiskadee to his Indiana list. Brad Bumgardner added four new species to his Indiana state list during the year: Black Rail, Black-bellied Whistling Duck, White-tailed Kite, and Great Kiskadee. Marty Jones has photographed all 336 species logged in the state and added two species in 2018, White-tailed Kite and Great Kiskadee. Matt Kalwasinski was happy to add 6 birds to his Indiana life list. John Kendall added White-tailed Kite and Great Kiskadee to his Indiana list, bringing him to 347 species photographed. Chuck Mills lost a species on his Indiana list due to the lumping of Iceland and Thayer's Gull. The only notable change for Ed Powers was the Great Kiskadee for Indiana.

2018 Indiana Year Lists

While none of the submissions this year officially included reports about Big Year totals, the following represents local birder activity in the state during the 2018 calendar year.

305	Ed Hopkins
303	Brad Bumgardner
299	Don Gorney
287	Richard Garrett
284	John Kendall
280	Heath Harlan
275	Evan Speck
270	John Cassady
269	Amy Kearns
266	Leland Shaum
253	Matt Kalwasinski
253	Kirk Roth
248	Allee Forsberg

244	Charles Mills
241	Peter Scott
238	Jeremy Ross
236	Whitney Yoerger
231	Tom and Colleen Becker
230	Jonathan Yoerger
230	Kim Ehn
226	David Rupp
224	Jeff Packer
215	Rhiannon Thunell
213	David Ayer
212	Keshava Mysore
207	Ed Powers

204	Cloyce Hedge
197	Larry Theller
189	Margaret Bauer
179	Stefany Boleyn
174	Cynthia Powers
171	Benjamin Cvengros
161	Lucas Wilson
160	Vicky Whitaker
151	Ryan Slack
150	Elvin Wilmot
75	Rick Folkening

Stefany Boleyn felt like she really improved as a birder, but recognizes she has a lot more to learn; highlights from her year included the IAS trip to Wisconsin, Dunes Fest, the Universal Mines trip, and the annual February Goose Pond trip. For **Amy Kearns**, a major highlight bird was the White-tailed Kite at the Indiana Dunes Birding Festival; she referred to it as “an unbelievable species delivered straight out of our dreams right into our young festival!” Amy believes it’s a great example of the importance for birders to invest in public lands managed by the Division of Fish and Wildlife.

Jeremy Ross spent less time chasing numbers and more time near or at his home observing whatever came through and trying to photograph whatever he could. **David Rupp** spent time revisiting the same spots, such as Goose Pond, Lake Monroe, and Yellowwood State Forest as tour leader for IndiGo Birding Nature Tours. **Florence Sanchez** was glad to return to Indiana for a brief visit this October, where she enjoyed birding with Ken Brock and friends along the Lakeshore, and while she had a great time she did not add to her Indiana or county life lists.

For **Whitney Yoerger**, 2018 was, in retrospect, a Year of Year-goals in which she spent time filling in the bar charts for her yard, birding the state and Boone and Marion counties, birding within a 5-mile-radius of her home, and “green” birding. She managed to rank 48th in Indiana’s Top 100 eBirders, 30 places ahead of last year with 23 more species, and averaged 73.28% of the 322 birds that moved through the state in 2018. On the flipside, she admittedly experienced some pretty fierce FOMO (fear of missing out) by actively not chasing state rarities, foregoing some once-in-a-lifetime-in-Indiana species. She admits, “You can’t do it all, they say.”

The Indiana 300 Club

A Big Year comes in all shapes and sizes, and some birders seek entrance into what locals refer to as “The 300 Club.” As of 2018, the following 18 birders have taken on this challenge to log at least 300 Indiana bird species within a single calendar year. Notably, the club welcomed its first two women in 2017. Birders considering this challenge will find themselves frequenting the lakeshore, trekking around major bird hotspots such as Goose Pond, and zigzagging around the state, as missing any rarity could make all the difference.

Matt Beatty
Brad Bumgardner
John Cassady
Kevin Cornell
Bob Decker
Don Gorney

Brendan Grube
Ryan Hamilton
Amy Hodson
Ed Hopkins
John Kendall
Jeff McCoy

Larry Peavler
Aidan Rominger
Kirk Roth
Ryan Sanderson
Tyler Stewart
Kristin Stratton

Indiana County Lists

Indiana County Life Lists

Some birders enjoy staying within their own county or perhaps a few other counties of interest. Conversely, others cast a much wider net and attempt to canvas the entire state, checking off each county much like visiting all fifty states. Studying data at the county level can indicate several factors including but not limited to types of habitat, major hotspots, migration corridors, latitude changes, and even how often the county is birded.

Adams	109	Don Gorney
Allen	272	Ed Powers
	213	Don Gorney
	192	Greg Majewski
	116	Bob Decker

	53	Roger Hedge
Bartholomew	106	Don Gorney
Benton	232	Ed Hopkins
	130	Don Gorney
Blackford	101	Don Gorney

Boone	262	Cloyce Hedge
	257	Roger Hedge
	190	Whitney Yoerger
	173	Jonathan Yoerger
	154	Don Gorney
Brown	154	Ryan Slack
	115	Bob Decker
	110	Don Gorney
	96	Roger Hedge
Carroll	105	Don Gorney
Cass	124	Florence Sanchez
	104	Don Gorney
	51	Roger Hedge
Clark	150	Tom and Colleen Becker
	100	Don Gorney
Clay	122	Don Gorney
Clinton	114	Don Gorney
	103	Roger Hedge
Crawford	101	Don Gorney
Daviess	133	Don Gorney
	52	Roger Hedge
Dearborn	103	Don Gorney
Decatur	103	Don Gorney
DeKalb	102	Don Gorney
Delaware	113	Don Gorney
Dubois	101	Don Gorney
Elkhart	265	Leland Shaum
	249	John Cassady
	104	Don Gorney
	102	Roger Hedge
Fayette	118	Brad Bumgardner
	102	Don Gorney
	88	Stefany Boleyn
	60	Roger Hedge
Floyd	207	Tom and Colleen Becker
	102	Don Gorney
Fountain	100	Don Gorney
	78	Roger Hedge
Franklin	222	Bill Buskirk
	121	Lucas Wilson
	107	Don Gorney
Fulton	101	Don Gorney
Gibson	331	Charles Mills
	284	Evan Speck
	268	Jeremy Ross
	262	Marietta Smith
	214	Tom and Colleen Becker
	192	Heath Harlan
	189	Don Gorney
	151	Vicky Whitaker
	140	Amy Kearns
112	Roger Hedge	

Grant	102	Don Gorney
Greene	270	Amy Kearns
	268	Michael Brown
	251	Don Gorney
	232	Peter Scott
	135	Margaret Bauer
	104	Ed Hopkins
Hamilton	229	Don Gorney
	217	Allee Forsberg
	102	Roger Hedge
Hancock	229	Don Gorney
	217	Richard Garrett
	108	Rick Folkening
Harrison	111	Tom and Colleen Becker
	100	Don Gorney
	54	Roger Hedge
Hendricks	117	Don Gorney
Henry	162	Don Gorney
Howard	155	Florence Sanchez
	101	Don Gorney
Huntington	185	Ed Powers
	110	Don Gorney
Jackson	215	Tom and Colleen Becker
	157	Bob Decker
	112	Don Gorney
	84	Margaret Bauer
	66	Roger Hedge
Jasper	108	Don Gorney
Jay	101	Don Gorney
	58	Roger Hedge
Jefferson	101	Don Gorney
	64	Roger Hedge
Jennings	104	Don Gorney
Johnson	154	Rhiannon Thunell
	117	Don Gorney
	63	Roger Hedge
Knox	109	Don Gorney
Kosciusko	252	John Kendall
	102	Don Gorney
	50	Roger Hedge
La Porte	193	Kim Ehn
LaGrange	253	Leland Shaum
	178	Ed Powers
	119	Don Gorney
	58	Roger Hedge
Lake	317	John Cassady
	310	John Kendall
	279	Matt Kalwasinski
	259	Don Gorney
	253	Ed Powers
	222	Kim Ehn
	148	Ed Hopkins

	132	Brad Bumgardner
	122	Leland Shaum
	107	Roger Hedge
LaPorte	204	Don Gorney
	167	Matt Kalwasinski
	115	Roger Hedge
	292	John Cassady
Lawrence	215	Amy Kearns
	138	Don Gorney
Madison	113	Don Gorney
Marion	273	Don Gorney
	255	Kirk Roth
	217	Whitney Yoerger
	215	Jonathan Yoerger
	157	Roger Hedge
	148	Margaret Bauer
	146	Bob Decker
	131	Stefany Boleyn
	208	Jeff Packer
	Marshall	138
101		Don Gorney
Martin	100	Don Gorney
	93	Roger Hedge
Miami	111	Don Gorney
	57	Larry Theller
Monroe	148	Don Gorney
Montgomery	130	Don Gorney
	120	Roger Hedge
Morgan	125	Don Gorney
Newton	273	Ed Hopkins
	205	Don Gorney
	194	Brad Bumgardner
	170	Ed Powers
	118	Roger Hedge
	96	Matt Kalwasinski
	73	Bob Decker
	67	Kim Ehn
Noble	127	Don Gorney
	124	Ed Powers
	77	Roger Hedge
Ohio	100	Don Gorney
Orange	227	Amy Kearns
	106	Don Gorney
Owen	109	Don Gorney
Parke	165	Benjamin Cvengros
	110	Don Gorney
	97	Roger Hedge
Perry	101	Don Gorney
	79	Heath Harlan
	72	Roger Hedge
Pike	257	Jeremy Ross
	108	Don Gorney

	17	Vicky Whitaker
Porter	311	John Kendall
	305	John Cassady
	297	Brad Bumgardner
	252	Kim Ehn
	243	Matt Kalwasinski
	238	Don Gorney
	232	Ed Powers
	174	Allee Forsberg
	165	Keshava Mysore
	147	Stefany Boleyn
Posey	147	Amy Kearns
	137	Roger Hedge
	74	Larry Theller
	167	Evan Speck
Pulaski	120	Heath Harlan
	102	Don Gorney
	145	Don Gorney
Putnam	120	Don Gorney
	72	Roger Hedge
Randolph	101	Don Gorney
Ripley	121	Lucas Wilson
	103	Don Gorney
	59	Roger Hedge
Rush	162	Marjorie Carmony
	102	Don Gorney
Scott	104	Don Gorney
Shelby	106	Don Gorney
Spencer	258	David Ayer
	101	Don Gorney
St Joseph	220	John Cassady
	207	Allee Forsberg
	193	Keshava Mysore
	104	Roger Hedge
	104	Don Gorney
Starke	108	Don Gorney
	88	Ed Powers
	64	Kim Ehn
Steuben	175	Ed Powers
	159	Bruce Matasick
	129	Don Gorney
Sullivan	184	Don Gorney
	272	Michael Brown
Switzerland	102	Don Gorney
Tippecanoe	282	Ed Hopkins
	214	Larry Theller
	139	Don Gorney
	108	Bob Decker
	95	Roger Hedge
Tipton	164	Elvin Wilmot
	107	Don Gorney
Union	267	Bill Buskirk

	120	Don Gorney
Vanderburg	175	Charles Mills
	102	Don Gorney
	178	Heath Harlan
Vermillion	153	Benjamin Cvengros
	109	Don Gorney
Vigo	266	Peter Scott
	242	Michael Brown
	197	Benjamin Cvengros
	143	Don Gorney
Wabash	111	Don Gorney
Warren	100	Don Gorney
Warrick	241	Evan Speck

	239	Charles Mills
	193	Heath Harlan
	109	Don Gorney
Washington	102	Don Gorney
	51	Roger Hedge
Wayne	241	Bill Buskirk
	103	Don Gorney
Wells	100	Don Gorney
	66	Ed Powers
White	170	Rick Read
	106	Don Gorney
	93	Debbie Read
Whitley	104	Don Gorney

2018 Indiana County Year Lists

In 2018, the IAS held the Big County Big Year Challenge. Each county was assigned statistical target minimum totals that birders must meet for each list submission to qualify. The number of county year lists submitted this year drastically increased from last year, likely driven by this challenge. One of the prize winners, **Whitney Yoerger** reported breaking the highest count in a single year for Boone—Cloyce Hedge’s 2003 record of 173 species—by just 12 more birds.

Adams	55	Kirk Roth
	27	Deborah Cooney
Allen	229	David Ward
	163	Ed Powers
	138	Greg Majewski
	72	Bob Decker
	72	Kirk Roth
	34	Deborah Cooney
Bartholomew	27	Deborah Cooney
Benton	122	Ed Hopkins
	87	Kirk Roth
	24	Deborah Cooney
Blackford	93	Don Gorney
	9	Deborah Cooney
Boone	188	Cloyce Hedge
	185	Whitney Yoerger
	163	Jonathan Yoerger
	124	Kirk Roth
	34	Deborah Cooney
Brown	118	David Rupp
	112	Ryan Slack
	96	Kirk Roth
	72	Bob Decker
	45	Deborah Cooney
Carroll	62	Kirk Roth
	40	Deborah Cooney
Cass	34	Deborah Cooney
	150	Tom and Colleen Becker

	36	Deborah Cooney
	25	Deborah Cooney
Clay	88	Kirk Roth
Clinton	29	Deborah Cooney
Crawford	20	Deborah Cooney
Daviss	62	Kirk Roth
	26	Deborah Cooney
De Kalb	15	Deborah Cooney
Dearborn	91	Kirk Roth
	8	Deborah Cooney
Decatur	81	Kirk Roth
	23	Deborah Cooney
Delaware	103	Kirk Roth
	29	Deborah Cooney
Dubois	86	Don Gorney
	51	Kirk Roth
	15	Deborah Cooney
Elkhart	203	Leland Shaum
	113	Kirk Roth
	18	Deborah Cooney
Fayette	84	Kirk Roth
	81	Brad Bumgardner
	68	Stefany Boleyn
	15	Deborah Cooney
Floyd	139	Tom and Colleen Becker
	20	Deborah Cooney
Fountain	8	Deborah Cooney
Franklin	111	Lucas Wilson

	56	Kirk Roth
	7	Deborah Cooney
Fulton	91	Don Gorney
	12	Deborah Cooney
Gibson	249	Evan Speck
	212	Charles Mills
	192	Heath Harlan
	173	Tom and Colleen Becker
	171	Jeremy Ross
	150	Kirk Roth
	140	Amy Kearns
	61	Vicky Whitaker
	32	Deborah Cooney
Grant	21	Deborah Cooney
Greene	231	Kirk Roth
	186	Amy Kearns
	166	David Rupp
	126	Margaret Bauer
	104	Ed Hopkins
	32	Deborah Cooney
Hamilton	212	Allee Forsberg
	198	Kirk Roth
	28	Deborah Cooney
Hancock	211	Richard Garrett
	211	Don Gorney
	111	Kirk Roth
	34	Deborah Cooney
	51	Rick Folkening
Harrison	111	Tom and Colleen Becker
	16	Deborah Cooney
Hendricks	94	Kirk Roth
	29	Deborah Cooney
Henry	140	Kirk Roth
	24	Deborah Cooney
Howard	65	Kirk Roth
	27	Deborah Cooney
Huntington	13	Deborah Cooney
Jackson	191	Kirk Roth
	128	Tom and Colleen Becker
	84	Margaret Bauer
	81	Bob Decker
	44	Deborah Cooney
Jasper	64	Kirk Roth
	38	Deborah Cooney
Jay	58	Kirk Roth
	22	Deborah Cooney
Jefferson	132	Kirk Roth
	27	Deborah Cooney
Jennings	109	Kirk Roth
	26	Deborah Cooney
Johnson	131	Tom Hougham
	126	Rhiannon Thunell

	123	Kirk Roth
	21	Deborah Cooney
Knox	18	Deborah Cooney
Kosciusko	201	John Kendall
	16	Deborah Cooney
La Porte	112	Kim Ehn
LaGrange	191	Leland Shaum
	77	Kirk Roth
	17	Deborah Cooney
Lake	222	Matt Kalwasinski
	216	John Kendall
	207	Kirk Roth
	148	Ed Hopkins
	132	Brad Bumgardner
	122	Leland Shaum
	104	Kim Ehn
	46	Deborah Cooney
Laporte	128	Kirk Roth
	63	Matt Kalwasinski
	20	Deborah Cooney
Lawrence	143	Amy Kearns
	64	Kirk Roth
	39	Deborah Cooney
Madison	71	Kirk Roth
	21	Deborah Cooney
Marion	241	Don Gorney
	216	Kirk Roth
	203	Whitney Yoerger
	199	Jonathan Yoerger
	122	Margaret Bauer
	106	Stefany Boleyn
	101	Deborah Cooney
	76	Bob Decker
	206	Jeff Packer
Marshall	138	Leland Shaum
	47	Deborah Cooney
Martin	10	Deborah Cooney
Miami	57	Larry Theller
	13	Deborah Cooney
Monroe	212	Kirk Roth
	144	David Rupp
	28	Deborah Cooney
Montgomery	78	Kirk Roth
	31	Deborah Cooney
Morgan	134	Kirk Roth
	20	Deborah Cooney
Newton	156	Ed Hopkins
	146	Kirk Roth
	131	Brad Bumgardner
	96	Matt Kalwasinski
	67	Kim Ehn
	62	Bob Decker

	36	Deborah Cooney
Noble	13	Deborah Cooney
Ohio	91	Don Gorney
	53	Kirk Roth
	11	Deborah Cooney
Orange	164	Amy Kearns
	21	Deborah Cooney
Owen	21	Deborah Cooney
Parke	108	Benjamin Cvengros
	24	Deborah Cooney
Perry	100	Don Gorney
	79	Heath Harlan
	11	Deborah Cooney
Pike	216	Jeremy Ross
	73	Kirk Roth
	9	Deborah Cooney
Porter	232	Brad Bumgardner
	217	John Kendall
	187	Kim Ehn
	155	Kirk Roth
	147	Amy Kearns
	139	Margaret Bauer
	132	Matt Kalwasinski
	127	Stefany Boleyn
	74	Larry Theller
17	Deborah Cooney	
Posey	136	Evan Speck
	100	Heath Harlan
	23	Deborah Cooney
Pulaski	25	Deborah Cooney
Putnam	65	Kirk Roth
	24	Deborah Cooney
Randolph	50	Kirk Roth
	36	Deborah Cooney
Ripley	119	Lucas Wilson
	113	Kirk Roth
	25	Deborah Cooney
Rush	138	Greg Majewski (Carbon free)
	12	Deborah Cooney
Scott	20	Deborah Cooney
Shelby	14	Deborah Cooney
Spencer	205	David Ayer
	12	Deborah Cooney
St. Joseph	199	Leland Shaum
	181	Keshava Mysore

	88	Kirk Roth
	30	Deborah Cooney
Starke	71	Kirk Roth
	64	Kim Ehn
	17	Deborah Cooney
Steuben	134	Bruce Matasick
	20	Deborah Cooney
Sullivan	109	Kirk Roth
	25	Deborah Cooney
	195	Michael Brown
Switzerland	12	Deborah Cooney
Tippecanoe	216	Ed Hopkins
	186	Larry Theller
	151	Kirk Roth
	58	Bob Decker
	34	Deborah Cooney
Tipton	60	Elvin Wilmot
	34	Deborah Cooney
Union	124	Kirk Roth
	7	Deborah Cooney
Vanderburg	111	Charles Mills
	104	Kirk Roth
	24	Deborah Cooney
	149	Heath Harlan
Vermillion	64	Benjamin Cvengros
	56	Kirk Roth
	10	Deborah Cooney
Vigo	184	Peter Scott
	127	Kirk Roth
	126	Benjamin Cvengros
	52	Deborah Cooney
Wabash	30	Deborah Cooney
Warren	28	Deborah Cooney
Warrick	188	Evan Speck
	160	Charles Mills
	147	Heath Harlan
	125	Kirk Roth
	11	Deborah Cooney
Washington	35	Deborah Cooney
Wayne	35	Deborah Cooney
Wells	33	Deborah Cooney
White	19	Deborah Cooney
Whitley	10	Deborah Cooney

Deborah Cooney tackled an ambitious goal to bird all 92 Indiana counties in a single calendar year. She began on January 2nd at Mary Gray Bird Sanctuary and planned to visit a minimum of two eBird hotspots per county, but often exceeded that number. She attended three Indiana Audubon Society field trips during the year and paid attention to eBird submissions and IN-Bird forum posts. On December 27th, she completed her goal at the Indianapolis International Airport, where she hopped a flight to go birding in Hawaii! Knowing from the beginning that she would not log a large list of species, Deborah still concluded with a state total of 183. Her Indiana travels covered 10,592 miles—and to offset her carbon footprint, she will donate funds per mile to the Indiana Audubon Society, Cornell Lab of Ornithology’s eBird, and to the Amos Butler Audubon Chapter.

Bruce Matasick's county year list included a surprising 20 species of warbler between early September and early October. Lucas Wilson felt fortunate to see a Long-Tailed Duck in Greensburg, Decatur County. In March, David Ward got a late start to his 2018 Allen county big year but finished strong with a total of 229 species, surpassing the previous eBird record by 41 species. Known as 5MR birding, Whitney Yoerger tracked all birds within a five-mile radius of her southeast Boone county home and Marion county workplace which, in addition to living only 15 minutes from Eagle Creek Park, resulted in 181 species and Top 10 ranking for Marion county eBirders for the year.

Property Lists

Property Life Lists

Perhaps our narrowest focus is the property list, where birders log species observed from around their own homes or other maintained properties. These vary greatly in size and habitat, from apartment balconies or manicured suburban lawns, to farmland or crossover habitats that form rich edges. We should never underestimate the value of our own backyards. In fact, private homes occasionally play host to some of the rarest species—Golden-crowned Sparrow, anyone?

Clint Murray	220	Lye Creek Prairie Burn, 80 acres
Leland Shaum	185	Our property is 24 acres of woods, pasture, and hayfield, with a pond, and is bordered by woods, farmland, a retention pond, and a four lane highway. We have been living here since 1992.
Jeremy Ross	174	Very rural 6 acres adjacent to woods and fields and in close proximity to coal mine reclaimed ground of pits and brushy plantings, a few miles north of the Patoka River bottoms. The property itself consists of prairie grassland/forb planting, young trees and shrubs, a small pond, and native plants spread throughout the entire property.
Peter Scott	167	50 acres in Nevins Township, northeast Vigo County
Marietta Smith	160	116 acre farm with 80 acres in crops. The rest is wooded with a 2 acre marsh.
Marjorie Carmony	159	Rural farm in Rush county
Amy Kearns	141	Young cedar dominated second growth woods
David Ayer	134	60 acres mostly agricultural fields with a ditch line and a few trees.
Steve Bell	133	Suburban garden, 2.5 acres, backing onto mature forest
Charles Mills	133	A 100 by 200 foot wooded suburban lot backed onto 40 acres of forest.
Tom Hougham	132	2 square mile block of land with a 450 acre lake. It has a couple of CILTI preserves on its periphery
Ed Powers	129	One acre, wooded, rural
Vicky Whitaker	126	17 1/2 acres mixed woods, fields, lots of open areas near house, with lots of shrubs and flower beds.
David Rupp	123	A half-acre lot in Bloomington with a creek and wooded bluff on the back border.
Ryan Slack	119	7 acres of forest with 1 acre pond
Terry Ballenger	113	Residential with shrub/tree-lined fence row
Kirk Roth	112	Half acre suburban yard in Marion County
Matt Kalwasinski	103	My property is a suburban backyard - 75 ft wide x 300 feet long. We have multiple evergreen bushes & trees along with deciduous trees and plants. We utilize water features year round. We maintain bird feeders throughout the year.
Cloyce Hedge	91	Urban 60 X 120
Ed Hopkins	87	Yard
Bob Kissel	80	Older neighborhood with stands of mature pine & hardwood trees and within 2/3 mile of Griffey Lake.
Benjamin Cvengros	78	Three acres of land in a rural area surrounded by deciduous forest. The forest is many acres and is relatively dense, containing moderately-sized ravines. We do not own any forest, but our property line ends where one begins. I do most of my

		birding from the edge of my yard next to the woods, especially during migration. No ponds or water source. We also live next to an apple orchard.
Margaret Bauer	76	Roughly 0.128 acre suburban property in Indianapolis on a retention pond
Rick Folkening	64	Subdivision with back yard next to farm
Kim Ehn	61	In-town backyard with mature Spruce trees, native plants and man-made running water creek. Nearby mature deciduous trees, park, and 1/2 mile from Little Calumet River. Bird Feeders in back and front yard.
Lucas Wilson	56	An open yard with many mature trees, a birdfeeder, and bushes close to the house. There are nearby fragmented woods.

Margaret Bauer added 12 new species to her yard list. Matt Kalwasinski was pleased to add 5 birds to his property life list, which pushed the total beyond 100 species.

2018 Property Year Lists

139	Leland Shaum
133	Peter Scott
131	Tom Hougham
127	Jeremy Ross
110	Tom and Colleen Becker

75	Charles Mills
72	Ryan Slack
70	Benjamin Cvengros
67	Matt Kalwasinski
66	Margaret Bauer

63	Kirk Roth
61	Ed Hopkins
53	Lucas Wilson
40	Kim Ehn
35	Cloyce Hedge

Other Lists

Other Regional Lists

Certain regions sometimes hold special interest for birders who, in addition to keeping lists for a home county or state, also keep track of other major or minor regions they frequent or highly value.

Life Lists

Region/ Country	Australia	401	John Kendall
	Belize	235	John Kendall
	Central America	595	John Kendall
	Ecuador	586	John Kendall
	Malaysia	215	John Kendall
State	Arizona	337	John Kendall
	California	349	John Kendall
	Florida	322	John Kendall
	Oregon	217	John Kendall
County	Hamilton, OH	150	Kirk Roth
	Essex, ON, CA	122	Margaret Bauer
	Okaloosa, FL	104	Kirk Roth
	Wood, WV	89	Kirk Roth
	Clinton, IL	85	Kirk Roth
	Rio Arriba, NM	75	Kirk Roth
	Hawaii, HI	72	Kirk Roth
	Obion, TN	71	Kirk Roth
	Warren, KY	33	Kirk Roth



Indiana birder, John Kendall, posing with an albatross after banding in 2018.

Year Lists

Country	Australia	401	John Kendall
State	Oregon	178	John Kendall
	Florida	224	John Kendall
County	Essex, ON, CA	112	Margaret Bauer

Last year during the call for 2017 lists, Chuck Mills requested Big Year totals. Elvin Wilmot wished to share his Big Year totals from 1997: Namibia 246, Africa 324.

Green Lists

Falling in love with a hobby that relies on nature and its health status leads many, if not most, birders to become environmentally conscious on some level. Some birders are joining a growing movement known as green birding in which all species are logged without using fossil fuels. Typical rule of thumb for this list requires birding near your home or primary workplace strictly by foot or bicycle.

Life Lists

Green Lists	192	Greg Majewski
	144	Whitney Yoerger

Greg Majewski logged every single Allen county species by foot or bicycle. Whitney Yoerger covered an average 3-mile radius during her second year of green birding, growing her green life list to 144 species.

Year Lists

Green Lists	140	Whitney Yoerger
	138	Greg Majewski



Indiana birder, Jonathon Yoerger, doing some green birding in 2018.

Thoughts

To continue the question, “Why is listing important?” I have asked myself that same thing over the years and I think the answer is different for everyone. To me, listing is important because it can lend us a sense of purpose. Whether in the aid of scientific research through citizen science contribution to entities such as eBird—data that is providing revolutionary looks at the movement and occurrence of birds which would be nearly impossible without so many binoculars in the field—or in motivating us to get out there into nature for our own personal well-being or simply a curiosity of what’s out there. We all come to listing for our own reasons. Some lists exist on paper and in notebooks, some on digital servers, or others in our own memories, but there is no right or wrong way to keep a list. Birding attracts people from all stages and backgrounds and walks of life, and in my opinion, birds are one of the best unifying forces.

Acknowledgements

Chuck Mills sent me special thanks for taking over this task since, having done so for the past several years, he knew how much work it entails. Special thanks to Brad Bumgardner for the implementation of an online submission form, and to everyone who took the time to submit their lists. I have done my best to ensure the accuracy of the data submissions into this format and apologize for any reporting errors. Additional shout outs to everyone who personally thanked me! You know who you are.

From the Archives: 1926 Indiana Audubon Bulletin

Strange Visitors: The Starling, the Burrowing Owl, and the Harris' Sparrow

Amos W. Butler, Indianapolis, IN

The Starling

For the first record of the Starling (*Sturnus vulgaris* Linn) in Indiana, we are indebted to Professor S. W. Witmer of Goshen College, Goshen, Indiana. December 18, 1924, he wrote me that two of these birds had been taken alive the day before, December 17, 1924, at the college farm. Later he sent me the skin of one of them for verification of the record. He also gave me the following facts concerning their capture:

On the 17th of December Mr. Eli Whirlidge and his eight year old son, William, went to the Goshen College farm, nearly a mile southwest of Goshen. After dark, about 5:30 in the evening, Mr. Gibbs, the farm manager, went into one of the silos to shoot pigeons. The silo was incompletely covered and they found other birds besides pigeons had entered to seek shelter. The glare of the light used would occasionally bewilder some of these birds so that they fell fluttering to the floor of the silo. These falling birds were at first recognized as English sparrows, and were allowed to fall as prey to the cat. Presently Mr. Whirlidge noticed a bird falling which was not a sparrow. Mr. Gibbs caught it. A second bird of this kind fell and was caught by William. Mr. Whirlidge, being familiar with pictures of these birds, recognized them as Starlings. The same evening that the birds were caught, Professor Witmer says, they were brought by Mr. Whirlidge to his home, but he was absent. The next day he brought the birds to the college and they were kept on exhibition in a cage where the students and faculty saw them. Later Mr. Whirlidge turned them over to Professor Witmer. The skin of one he preserved for the college; the other he sent to me.

Dr. M. W. Lyon, Jr., of South Bend, Indiana, at the meeting of the Academy of Science, called my attention to our Indiana record of the Starling in the Bureau of the Biological Survey, U. S. Dept. of Agriculture. In response to my inquiry Mr. W. C. Henderson, Assistant Chief of the Bureau, says: "The only reliable record we have is of one found in Wells County (Ind.) in December, 1923, in an exhausted condition, by E. B. Williamson, of Bluffton.



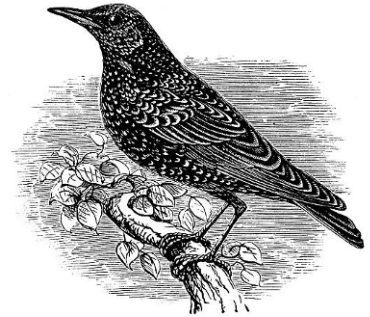
Professor M. L. Fisher informs me that the Starling has since been observed in Newton County. R. A. Johnson, a Purdue graduate, reported, on March 11, 1925, that he had discovered Starlings at Brook, Indiana. This was not verified by a specimen.

These are the only localities in Indiana from which the Starling has been reported. It is probable that it will soon be found in other places.

The earliest known record of the attempt to introduce the European Starling into the United States was at Cincinnati, Ohio, in the winter of 1872-73. * So far as known, none of these survived. Similar experience was had at Portland, Oregon, in 1889.

In 1890 eighty birds were released in New York City, and forty more the next year. From these the species has been established. It has spread over the Eastern United States and has now been reported from every State east of the Mississippi River except Mississippi.

P. M. Jennes, Gaffney, South Carolina, who is studying the distribution of this Starling, writes me that the western limit of their breeding range for 1924 apparently was about Central Ohio. When the reports for this year (1925) are in I expect to find that this limit is nearly, if not quite, at the eastern boundary of Indiana. The Starling is nesting as far south as Greenwood, South Carolina, this year.



*The Chinese Starling (*Aethiopsar cristellatus*) has become established in the city of Vancouver, B. C. Two pairs were noted in 1897, and in 1920 it was estimated that 1,200 occupied one main roost. There is one record of this species at Portland, Oregon, February, 1922.

Evidently we are in for a foreign invasion. The result is problematical.

The same department circular gives the following conclusion: ** After 20 years of unsuccessful attempts at introduction, the European Starling became firmly established in New York City in 1890, and now, definitely occupying its place in this country. Must be considered a naturalized member of the American bird fauna. In less than 35 years it has become one of the most abundant birds in the region contiguous to New York City, and of local occurrence from central Maine to central Ohio, and from Ottawa and Montreal, Canada, to Georgia and Alabama. Thus far the species has not been found to be as seriously destructive to crops in the United States as it is reported to be in some parts of the Old World. Nevertheless, it is probable that many people will always look with unfavorable eyes upon the starling as an alien.

*U. S. Dept. Agriculture, Department Circular 336, March, 1925. Page 2.

The Burrowing Owl

The following article by Mr. Ashley Hine, Field Museum of Natural History, Chicago, Illinois (The Auk, Vol. XLI, October, 1924, Page 602) is of unusual interest to us:

April 16, 1924, while on a field trip with Leon L. Walters and Earl P. Schmidt, both of the Field Museum of Natural History, I shot a Burrowing Owl (*Spectypte cucularia hypogasa*) at Dune Park, Porter County, Indiana.

The day was sunny but cold and a high wind was blowing. Few birds were to be found except in the more sheltered masses of woodland. While searching for perches, suitable for bird mounts on an openly wooded hillside, just above the Dunes Highway and nearly opposite Dune Park Station on the New York Central Railway, I flushed an owl from the ground, among some pine branches. Recognizing it as a Burrowing Owl, I secured the shotgun, flushed the bird again and brought it down with a broken wing.

It proved to be a male, now in the collection of Field Museum of Natural History, in excellent plumage and in good flesh, with no sign of having been kept in captivity. This species has a wide range west of the Mississippi, but it does not appear to be recorded from Illinois, and I believe this to be the first record of its occurrence in Indiana. Other accidental records from New York and Massachusetts are known.

It is possible, though perhaps scarcely probable, that this occurrence of the Burrowing Owl in the Sand Dune area of northern Indiana is a forerunner of an actual colonization of this area by this form. Such an extension of its range would parallel the eastward spread of Franklin's Spermophile (*Citellus franklinii*) and of the Plains Garter Snake (*Thamnophis radix*).

Mr. Hines, at the suggestion of Mr. Leon J. Walters, of the same museum, kindly supplied me with an advance copy of his article. In his letter to me Mr. Walters says:

"We ought to have included in this notice mention of the fact that there had not been any storms or heavy wind for some time previous to its capture, which might by bewildering or driving out of its course have accounted for its presence here."

The Harris' Sparrow

Mrs. Percival B. Coffin informs me that her husband and she observed a Harris' Sparrow (*Zonotrichia querula*) at their country home, The Brooks, Williamsburg, Wayne County, Indiana, May 12, 1925. It was closely observed and as they had met this species twice in the dune region of Indiana, they knew it. It was associated with White-crown Sparrows which were feeding in their vegetable garden. It was also seen there May 14, 15 and 16, 1925.

Later it has been reported two or three times from "The Dunes" in Indiana.

Recently they have been reported more frequently than before east of the Mississippi River. Among other references: One from Luce County, Michigan, May 21, 1924, reported by O. M. Bryans, McMillan. The Auk, Vol. XLII, January, 1925, page 145. October 5, 1924, one observed by Ben. 1. Blincoe, near Dayton, Ohio. Later, on October 12th, a specimen was secured from the same locality. This was probably the third Ohio record. The Auk, Vol XLII, April, 1925, page 275.

The first Indiana record of Harris' Sparrow is an adult male taken May 4, 1907, near Sheridan, Hamilton County, Indiana, by Ernest P. Walker. (Froc. Ind. Acad. Science, 1908, p. 49.)

The following is Dr. Frank M. Chapman's description of the Starling: *Handbook of Birds of Eastern North America, by Frank M. Chapman, 1912, p. 355: "493. *Sturnus Vulgaris* Linn-Starling. Ads. in summer. Metallic purplish or greenish; feathers of the upper parts all tipped with cream-buff spots, feathers of the under parts marked only on the sides; lower belly and under tail-coverts, wings and tail dark brownish gray, edged with cream-buff; bill yellow. Ads. and immature in winter. Similar, but the upper-parts heavily spotted with brownish cream-buff; the entire underparts heavily spotted with white; bill blackish brown. L., 8:50; W., 5.10; T., 2:50.

Nest of grasses, twigs, etc., in a crevice in a building or hollow tree. Eggs, 4-6, pale bluish, 1.20x.86."

They flock as do blackbirds and are often seen associated with the grackles.

