



Possibly the bird of the year, this Anna's Hummingbird—a second state record—was photographed at a feeder in Miami by Leslie Sours on 03 Jan. Leslie was instrumental in creating the opportunity for many other Ohio birders to see this bird.

On the cover:

Alex Eberts photographed this sleepy Northern Saw-whet Owl in the parking lot of the Migratory Bird Center at Magee on 19 Feb. It provided great looks for many Ohio birders.



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COMMENTS ON THE SEASON

By Craig Caldwell

Fall's temperatures had been well above normal and in some cases nearly set records. In contrast, temperatures in Dec were a little below average, ranking number 58 of the 122 years with data. Then Jan and Feb temperatures returned to fall's pattern: Jan's average was the ninth highest and Feb's the hottest ever. Their average maxima and minima ranked similarly, meaning that the overall rankings didn't come from high spikes but that those months' whole temperature ranges were elevated. Fall's seesaw precipitation pattern continued. While Nov had been very dry, Dec was somewhat wetter than usual, Jan precipitation was at the 85th percentile, and Feb's was a little below average.

Weather data are from the National Weather Service (http://water.weather.gov/precip/), the NOAA (http://www.ncdc.noaa.gov/extremes/records/), and the *Plain Dealer*.

This winter hosted the 117th Audubon Christmas Bird Count (CBC). Mike Busam's article and the table of CBC results follow the saw-whet owl articles. In the species accounts which follow this "Comments" section I note the highest number of a species found. Most of these values are those of single birders or parties, usually birding in a relatively small area, and often are the counts from a single route within a CBC. However, I seldom include counts from an entire CBC, each of which is the result of many parties' efforts in scattered locales within a 15-mile diameter circle; those data are in the table.

Come summer we'll be treated to another round of taxonomic revisions when the North American Classification Committee (NACC) of the American Ornithological Society (AOS) publishes its annual update. Proposals include significant changes to the sequence of families within the order Passeriformes and movement of species within several of those families. Of more immediate concern to us listers, I hear through the grapevine that a proposal to lump Iceland and Thayer's gulls has been accepted. In addition, last year's proposal to lump Hoary and Common redpolls has been resubmitted with more supporting data; I suspect it also will pass. But all is not lost; the NACC might also split Yellow-rumped Warbler into Myrtle and Audubon's, so those of us fortunate enough to have seen the western form in Ohio will gain back one number for our state lists. Other possible splits of Willet and Nashville Warbler wouldn't change our Ohio counts but would give new names to the forms we see here.

This issue of the *Cardinal* contains reports of 195 species, quite a bit fewer than last winter's 203 but more than any of the five winters preceding that one. The species accounts also include four hybrids and four reports at the genus or family level. Entries for two exotic probable escapees are not in that total. This issue again includes data from every county, though birders reported only six species from *Putnam*. Only Red-tailed Hawks were reported in all 88 counties. Six species were seen in all but one county and 17 more species were seen in at least 80.

The Ohio Bird Records Committee (OBRC) received formal reports of five review species and gleaned reports of four others which had varying amounts of information.

As always, the OBRC and this editor urge birders to formally report all sightings of Review List species, of Core List species found at unusual times, of nesting by birds previously not known to nest in the state, and of course sightings of birds never before found in Ohio. An easy-to-use on-line form is available at http://www.ohio-birds.org/records/documentation.php.

Data for the following Species Accounts come from reports submitted directly to *The Cardinal* and *The Bobolink*, the latter courtesy of its publisher, Robert Hershberger; eBird (http://ebird.org/content/ebird); and the Ohio-birds listserv (http://birding.aba.org/maillist/OH). In the species accounts, "normal" arrival dates are from Harlan et al., Ohio Bird Records Committee Annotated Checklist of the Birds of Ohio, 2008. Mentions of breeding locations are from Rodewald et al., The Second Atlas of Breeding Birds in Ohio ("OBBA II", 2016).

Taxonomic order and nomenclature follow the *Check-List of North American Birds*, 7th Edition (1998) as updated through the 57th Supplement (2016). These documents are published by the North American Classification Committee of the AOS and are available at http://www.checklist.aou.org/.

County names are in bold italics. Locations whose counties are of the same name, for example Ashtabula (city) and Delaware Wildlife Area, usually do not have the counties repeated. County names for sites described in Cincinnati (Hamilton), Cleveland (Cuyahoga), Columbus

(*Franklin*), Dayton (*Montgomery*), and Toledo (*Lucas*) are also omitted. Shortened names and a few sets of initials are used for locations and organizations which occur repeatedly; these abbreviations are listed here. The term "fide" is used in some citations; it means "in trust of" and is used where the reporter was not the observer.

Abbreviations:

- Alum Creek = Alum Creek Reservoir, *Dela-ware*, unless otherwise noted
- Armleder Park = a Cincinnati city park on the Little Miami River, *Hamilton*
- Audubon = the National Audubon Society (http://www.audubon.org)
- Bayshore = a fishing access site near a power plant a bit east of Toledo
- BBS = the North American Breeding Bird Survey, a joint project of the United States Geological Survey (USGS) and the Canadian Wildlife Service
- Berlin Lake = Berlin Lake (or Reservoir), *Mahoning* and *Portage*
- Big Island = Big Island Wildlife Area, *Marion*Blendon Woods = Blendon Woods Metro Park, *Franklin*
- The Bowl = a limited-access area near the *Har-rison* airport
- BRAS = Black River Audubon Society
- BSBO = Black Swamp Bird Observatory, *Otta-wa* (http://www.bsbo.org)
- Buck Creek = Buck Creek State Park, *Clark*
- Burke Airport = Cleveland Burke Lakefront Airport, *Cuyahoga*
- Caesar Creek = Caesar Creek State Park, Warren, unless the lake is specified; a bit of the lake is also in Clinton
- CBC = Audubon's Christmas Bird Count
- CCE = Crane Creek Estuary, *Lucas* and *Otta-wa*, viewable from both ONWR and the CCE Trail which originates at Magee
- Chapel Drive = a road off Ohio 83 south of Cumberland in *Noble* which traverses grasslands
- Clear Creek = Clear Creek Metro Park; the eastern 2/3 is in *Hocking*, the rest in *Fairfield*
- Clear Fork = Clear Fork Reservoir (or Lake), partly in *Morrow* but most of the birding is done in the larger *Richland* Section.
- CLNP = Cleveland Lakefront Nature Preserve (the former Dike 14), *Cuyahoga*
- CMM = the trio of Jon Cefus, Kent Miller, and Ben Morrison
- CNC = Cincinnati Nature Center, a non-governmental entity whose Long Branch Farm and Rowe Woods units are in *Clermont*

- Conneaut = the mudflats to the west of Conneaut Harbor, *Ashtabula*
- CP = County Park
- CPNWR = Cedar Point National Wildlife Refuge, *Lucas*
- CVNP = Cuyahoga Valley National Park, *Cuyahoga* and (mostly) *Summit*
- Darby Creek = Battelle Darby Creek Metro Park, almost entirely in *Franklin* but with bits in other counties as well
- Deer Creek = the State Park is in *Pickaway*, the Wildlife Area is in *Fayette*, and Deer Creek Lake is in both but mostly *Pickaway*
- East Fork = East Fork State Park, *Clermont*
- East Harbor = East Harbor State Park, *Ottawa*
- Edge Preserve = The Nature Conservancy's Edge of Appalachia Preserve, multiple parcels mostly in *Adams* and extending a bit into *Scioto*.
- Edgewater = the Edgewater unit of Cleveland Lakefront Metroparks, *Cuyahoga*
- Englewood = Englewood MetroPark,

 Montgomery
- Fernald = Fernald Preserve, **Butler** and **Hamilton**
- Findlay Reservoirs = several contiguous water bodies east of town in *Hancock*
- Funk = Funk Bottoms Wildlife Area, Ashland and (mostly) *Wayne*
- Grand Lake = Grand Lake St. Marys. The State Park, the state fish hatchery, and the eastern 20% of the lake itself are in *Auglaize*. The rest of the lake is in *Mercer*.
- Great Miami WMB = Great Miami Wetlands Mitigation Bank, *Montgomery*
- Headlands = Headlands Dunes State Nature Preserve, Headlands Beach State Park, and adjoining waters, Lake
- Holden = Holden Arboretum, *Lake*, except for its Stebbins Gulch unit in *Geauga*
- Hoover NP = Hoover Nature Preserve, **Delaware**
- Hoover Reservoir = the northern 80% is in *Delaware*, the rest and the dam in *Franklin*
- Huron = the harbor, breakwalls, and old dredge spoil impoundment in that *Erie* city, unless noted otherwise
- Indian Lake = Indian Lake State Park, Logan
- Jones Preserve = Jones Preserve at Long Point, on Kelleys Island, *Erie*
- Kelleys Island = the island and adjoining waters, *Erie*
- Killbuck = Killbuck State Wildlife Area, *Holmes* and *Wayne*
- Killdeer = Killdeer Plains State Wildlife Area; a bit is in *Marion* but it's mostly in *Wyandot*
- Kiwanis Park = Kiwanis Riverway Park, on the

Scioto River in Dublin, Franklin

LaDue = LaDue Reservoir, Geauga

Lake Erie Bluffs = a *Lake* Metroparks parcel overlooking the eponymous water body

Lake Hope/Zaleski = Lake Hope State Park and surrounding Zaleski State Forest, *Vinton*

Lake Loramie = Lake Loramie SP, Shelby

Lorain = the dredge spoil impoundment east of downtown in the city and county of the same name, unless otherwise noted

Lost Bridge = a Great Miami River crossing on Lawrenceburg Road near Elizabethtown, *Hamilton*, where a covered bridge was lost to fire in 1903

m. obs. = multiple observers

Magee = the boardwalk and immediate vicinity in Magee Marsh Wildlife Area, *Lucas*, unless otherwise noted. The northern third of the causeway is also in *Lucas*, the rest in *Ottawa*.

Mallard Club = Mallard Club Marsh WA, *Lucas*Maumee Bay = Maumee Bay State Park, *Lucas*,

Maumee Bay = Maumee Bay State Park, *Lucas*, unless otherwise noted

Medusa = Medusa Marsh, *Erie*, an informally named and privately owned area between Sandusky and Bay View

Metzger = Metzger Marsh Wildlife Area, *Lucas*, not to be confused with Metzger Reservoir, *Allen*

Mill Creek = Mill Creek Wildlife Sanctuary, a limited-access area in *Mahoning*

Mohican = Mohican State Forest and State Park.

Many trails cross the boundaries so some reports include sightings from both without distinction.

Mohican SF = Mohican State Forest, **Ashland** Mohican SP = Mohican State Park, (mostly) **Ashland** and (slightly) **Richland**

Mosquito Lake = Mosquito Creek Lake, also called Mosquito Creek Reservoir, *Trumbull*. Mosquito (Creek) Wildlife Area adjoins it.

MP = Metro Park, MetroPark, or Metropark depending on the system

NC = Nature Center

NF = National Forest

NP = Nature Preserve, except as part of CVNP OBBA II = the second Ohio Breeding Bird Atlas

OBRC = Ohio Bird Records Committee

Old Highland Stone = that company's water-filled gravel pits, *Highland*

Old Woman Creek = Old Woman Creek National Estuarine Research Reserve, *Erie*

OOPMP = Oak Openings Preserve MetroPark,

ONWR = Ottawa National Wildlife Refuge, *Lucas* and *Ottawa*

ONWR Blausey, Boss, and Navarre = units of ONWR separate from the main area, all in

Ottawa; of them only Boss is open to the public

ONWR WD = Ottawa National Wildlife Refuge Wildlife Drive, the monthly opening of areas otherwise closed to vehicles, *Lucas* and *Ottawa*

Painesville TP = Painesville Township Park, overlooking Lake Erie in *Lake*

Pearson MP = Pearson Metro Park, Lucas

Pickerel Creek = Pickerel Creek Wildlife Area, Sandusky

Pickerington Ponds = Pickerington Ponds Metro Park, *Fairfield* and *Franklin*

Pipe Creek = Pipe Creek Wildlife Area, in the city of Sandusky, *Erie*

Pleasant Hill Lake = an impoundment straddling the *Ashland/Richland* line; most viewing is on the eastern, *Ashland*, end.

Rocky Fork = Rocky Fork State Park, *Highland* Salt Fork = Salt Fork SP, *Guernsey*

Sandy Ridge = Sandy Ridge Reservation, *Lorain*

Seneca Lake = most of the lake and the (nonstate) Park are in *Noble*, while the dam is in *Guernsey*

SF = State Forest

Shawnee = Shawnee State Forest, *Scioto*, unless otherwise noted

Shawnee Lookout = Shawnee Lookout County Park, *Hamilton*

Sheldon Marsh = Sheldon Marsh State Nature Preserve, *Erie*

Sherod Park = a city park overlooking Lake Erie in Vermilion, *Erie*

SNP = State Nature Preserve

SP = State Park

Springfield Lake = in Greater Akron, *Summit* Springville Marsh = Springville Marsh State Nature Preserve, *Seneca*

Spring Valley = Spring Valley Wildlife Area, almost entirely in *Greene* but extending into *Warren*

Stillfork = The Nature Conservancy's Stillfork Swamp Preserve, *Carroll*

Sunset Park = a city park overlooking Lake Erie in Willoughby, *Lake*

SWA = State Wildlife Area

TNC = The Nature Conservancy (http://www.nature.org)

TP = Township Park

Villa Angela = the Villa Angela unit of Cleveland's Lakefront Reservation

WA = Wildlife Area

Wake Robin = a trail and boardwalk in Mentor Marsh State Nature Preserve, *Lake*

Wendy Park = a lakeshore Cleveland park, Cuyahoga

- Wilderness Road = a road which traverses Funk Bottoms Wildlife Area, *Wayne*, and adjoining farmland
- The Wilds = a limited-access big-mammal breeding and research facility in *Muskingum*, also used generically to include the surrounding reclaimed strip mines
- Willow Point = Willow Point Wildlife Area, *Erie*Winous Horseshoe = a limited-access part of
 Winous Point Shooting Club, *Ottawa*
- Winous Point = Winous Point Shooting Club, Ottawa
- Woodman Fen = a natural area, part of Dayton's Five Rivers MetroParks system, *Montgomery* Zaleski = Zaleski State Forest, *Vinton*

SPECIES ACCOUNTS

By Craig Caldwell

Greater White-fronted Goose

Cam Lee provided the high count, 322 at Killdeer on 18 Feb, and others found numbers near it on other dates. The most elsewhere were Eric Elvert's 257 at Big Island on 04 Feb. (44 counties)

Snow Goose

Rick Asamoto worked from a photo by Laura Keene and figured that 4200 were at the Richland Quarry, *Clinton*, on 17 Feb. Bresler Reservoir, *Allen*, hosted 2500 on 26 Jan (m. obs.). (58 counties)

Ross's Goose

Though some were here all season, reports in Feb were much fewer. The high count was 30; they flew over Josh King at the GLSM hatchery with about 400 Snow Geese on 21 Jan. Irina Shulgina found 23 at Darby Creek on 20 Jan. (40 counties)

Brant

Douglas Vogus saw four pass Indigo Lake, *Summit*, during the Cuyahoga Falls CBC on 18 Dec. Mary Anne Romito well described a flock of 30 which flew over Sheldon Marsh on 15 Jan.

Cackling Goose

A trio of eBirders saw two flocks totaling 26 birds at Fernald on 15 Jan. A borrow pond near Jamestown, *Greene*, held 17 on 02 Jan for Jeremy Dominguez and Sarah Lucas. (41 counties)



Adam Brandemihl managed to get this wonderful eye-level photograph of two Cackling Geese on 14 Dec at Kuvanis Riverway Park, Franklin.

Canada Goose

Killdeer hosted about 5000 on 21 Jan (Ben Maurer) and 22 Jan (Sally Isacco). The Jamestown, *Greene*, borrow pond held 4000 on 08 Jan (Blythe Hazellief). Only *Lawrence* didn't have a sighting.

[Snow x Canada Goose]

Paul Jacyk and Erin and Joshua Vardous identified one in a pond at the Ohio Veterans' Home, *Erie*, on 01 Jan.

Mute Swan

Kelly Warner saw 15 near Bay View, *Erie*, on 29 Jan. Rick Asamoto and Laura Keene found nine at a Barrett Paving gravel pit in *Montgomery* on 10 Jan. (43 counties)

Trumpeter Swan

Helen and Ken Ostermiller took the ONWR WD on 22 Jan and came up with 266 birds. The most elsewhere were George Billman's 70 at Killdeer on both 19 and 20 Jan. (31 counties)

Tundra Swan

Ryan Lesniewicz found about 3000 near ONWR in Harris Township, *Ottawa*, on 12 Jan. The highest count away from *Lucas* and *Ottawa* was 450; members of a BSBO field trip found them at Killdeer on 11 Feb. (41 counties)

Wood Duck

Stefan Minnig counted 40 at McCracken Fen SNP, *Logan*, on 04 Dec. The next most were 18 at Sandy Ridge on 26 Feb (BRAS). (53 counties)

Mandarin Duck

Curiously, there were no Dec reports of the *Franklin* birds which had been seen for the second half of Nov, but one or two were reported there from 01 Jan to 19 Feb. Don't put it on your ABA-compliant list yet, folks – the OBRC hasn't voted yet.

Gadwall

Ethan Kistler and Billi Krochuk saw at least 3000 at Mosquito Lake on 05 Dec. Craig Holt's 505 there on 28 Feb was the second-highest count, and the most elsewhere were 227 at Castalia Pond, *Erie*, on 12 Dec (Paul Sherwood). (68 counties)

Eurasian Wigeon

The reports, all of single birds, are:
At the Zoar Wetland Arboretum, *Tuscarawas*, from 16 Feb into Mar (m. obs.)
At Funk from 17 Feb into Mar (m. obs.)

At Wright Marsh, *Wayne*, on 18 Feb (m. obs.) At East Sandusky Bay MP, *Erie*, on 28 Feb (Dan Gesualdo)

American Wigeon

The Ostermillers made a "conservative esti-

mate" of 500 at Funk on 18 Feb. Ethan Kistler and Billi Krochuk saw the most elsewhere, 300 at Mosquito WA on 05 Dec. (62 counties)

American Black Duck

The pond at Blendon Woods hosted 205 for Mike Smith on 22 Dec. (71 counties)

Mallard

Sally Isacco found about 3000 at Killdeer on 22 Jan; Halle Renn's 2000 at ONWR on 04 Jan was the second-highest number. Only *Coshocton*, *Henry*, *Lawrence*, and *Putnam* didn't provide sightings.

[American Black Duck x Mallard]

Janice Emrick and Wilma Jarrell found 10 among the large flock of ducks at Blendon Woods on 03 Feb. (22 counties)

Blue-winged Teal

George Billman's sighting at Blendon Woods on 03 Dec was in a sense the last one of fall. The next wasn't seen until 04 Jan, when Sean Hollowell found it on the borrow pond in *Greene*, and sightings were fairly frequent from then into spring. Ron Sempier's three at Big Island on 27 Feb was the high count. *Lucas*, *Noble*, and *Wayne* also produced reports.

Northern Shoveler

Margaret Bowman and Leroy E. Yoder saw 150 at Killbuck on 28 Feb. The second-highest number, 90, was shared by Ron Sempier at Killdeer on 05 Dec and Irina Shulgina near Cedar Point, *Erie*, on 13 Jan. (62 counties)

Northern Pintail

Pickerel Creek hosted about 2000 on 24 Feb (Eric Liebold). Benjamin Miller saw at least 1700 at Funk on 19 Feb. (60 counties)



This Northern Pintail was photographed by Debbie Parker as it walked near the ice at Chippewa Inlet Trails CP, **Medina**, on 16 Feb.

Green-winged Teal

John Petruzzi saw 150 at Mill Creek on 04 Dec and Irina Shulgina found 200 at Pickerington Ponds on 07 Feb. (56 counties)

(Eurasian) Green-winged Teal

Jeff Peters photographed one at Funk on both 25 and 27 Feb. European authorities consider it a separate species, but to the AOS it's a subspecies.

Canvasback

Ed Pierce et al. counted 350 at ONWR during their 01 Jan census (fide Douglas Vogus), and Jack Leow found about 300 at East Harbor on 26 Feb. The inland high count was Michael Crouse's 20 at Ferguson and Metzger Reservoirs, Allen, on 06 Dec. (40 counties)

Redhead

Gary Cowell saw about 1700 at Willard Reservoir, *Huron*, on 28 Feb. The only other count above 900 was 1400 by Ashli Gorbet at East Harbor on 23 Feb. (66 counties)

Ring-necked Duck

Margaret Bowman and Leroy E. Yoder found about 400 along Cemetery Road in Killbuck on 28 Feb. The most elsewhere were 250 at Fernald on 02 Jan (Greg Cornett). (71 counties)

Greater Scaup

Tom Bartlett counted 2862 in the waters off the east side of Kelleys Island on 18 Jan and 5263 there the next day. The most elsewhere were Ken Andrews' 250 at Cleveland's East 55th Street Marina on 07 Jan, and the inland high was 150 by Jeff Loughman at the Findlay Reservoirs on 27 Feb. (34 counties)

Lesser Scaup

East Harbor held 1575 when Tom Bartlett counted there on 02 Jan. Jack Leow saw about 1000 at Bayshore on 08 Jan. Gary Cowell's 400 at Willard Reservoir, *Huron*, on 28 Feb was the inland high number. (56 counties)



A Lesser Scaup came in for great views at Wendy Park, which allowed Jeff Peters to take this photograph on 27 Feb.

Common Eider

A post from **Sandusky** had no details.

Harlequin Duck

A female was seen at various locations on the Cleveland waterfront during Dec and what was probably the same bird ranged more widely along the *Cuyahoga* shore to 07 Jan. Nancy Anderson discovered a male off Sims Park, *Cuyahoga*, on 26 Feb; it stayed two more days.

Surf Scoter

Bev Walborn provided the high count, 18 off Cahoon Park, *Cuyahoga*, on 01 Dec, and up to 10 were at other Lake Erie sites. The most inland (and the southernmost) were five at Eastwood MP, *Montgomery*, on 03 Jan (m. obs.). Sightings continued well into Mar. (nine counties)

White-winged Scoter

The last of the season were two which spent from 11 to 20 Feb at Lost Creek Reservoir, *Allen* (m. obs.; Tim Krynak and Alex Sin at the end), though there were a few Mar sightings as well. Dave Chase saw nine off Sims Park, *Cuyahoga*, on 02 Jan. The inland high count of three was shared; Emily Leto's were at Alum Creek on 01 Jan while John Watts' at Lake Logan, *Hocking*, on 16 Jan were the first for that county. (13 counties as far south as Highland)

Black Scoter

The last of the season were two which Dave Chase saw off Wendy Park on 14 Jan, though there were quite a few sightings in Mar. Nancy Anderson's 16 off Sims Park, *Cuyahoga*, on 24 Dec were the most; Dave Chase contributed the second-highest number, five, from Sunset Park, *Lake*, on 03 Dec. The inland highs of four came from Pleasant Hill Lake on 01 Dec (Gary Cowell), the same place the next day (Michelle Skolmutch) and from Atwood Lake, *Carroll*, on 03 Dec (Jon Cefus). (12 counties south to *Montgomery*)

Scoter sp.

Jen Brumfield and Michelle Pesho saw a flock of 35 on 11 Dec; they were too far off Huntington Reservation, *Cuyahoga*, to identify to species.

Long-tailed Duck

The last of the season were three which showed up on 21 Feb off Sims Park, *Cuyahoga*, and stayed well into Mar (m. obs.). Greg Pasek also saw three; his were at the former "hot waters" area of Lorain harbor on 30 Dec. *Carroll* and *Tuscarawas* were the southernmost of the nine counties with sightings.

Bufflehead

Tom Bartlett counted 384 off Kelleys Island on 19 Jan and up to 300 there on other dates. The most elsewhere were Lori Brumbaugh's 93 off Vermilion, *Erie*, on 28 Dec; Nathan Martineau's

65 at Alum Creek on 31 Dec was the highest inland tally. (61 counties)

Common Goldeneye

Tom Bartlett saw "numerous large rafts" summing to more than 4000 off Kelleys Island on 09 Feb. The waters off Bradstreet's Landing, *Cuyahoga*, held 950 on 23 Dec (Chris Pierce). Ethan Kistler and Billi Krochuk contributed the inland high of 200 from Mosquito Lake on 05 Dec. (47 counties)

Hooded Merganser

Hoover Reservoir hosted 315 near the dam on 17 Dec (Ryan Stander). (69 counties)

Common Merganser

Karl Overman estimated 10,000 were visible from Bayshore on 09 Feb; up to 3700 were noted there on other dates. The most elsewhere were about 1000 at Maumee Bay on 05 Feb (Brandon Brywczynski) and the most inland were 215 at Pine Lake, *Mahoning*, on 04 Dec (Jeff Harvey). (55 counties)

Red-breasted Merganser

Jen Brumfield and Andy Jones tallied about 16,000 from Cleveland's East 72nd Street vantage point on 16 Dec. About 10,000 were at the closed Eastlake, *Lake*, power plant on 01 Dec (Dave Chase) and also in Cleveland harbor on 03 Dec during a BSBO boat trip. Inland, Julie Karlson and Doug Overacker found 80 at Buck Creek on 03 Dec. (42 counties)

Ruddy Duck

Brian Wulker counted 512 at Rocky Fork on 26 Feb. (55 counties)

Duck sp.

Paul Sherwood thinks the distant flock of 10,000 he saw from the Cedar Point Chausee, *Erie*, on 22 Feb was mostly diving ducks.



This Long-tailed Duck made an appearance for Jon Cefus at Euclid Beach Park, Cuyahoga, on 11 Feb.

Northern Bobwhite

The reports are:

Four during the 14 Dec Preble CBC (fide Daryl Michael)

Eight at the Great Miami WMB on 07 Jan (Ron Bicknell)

One on a neighbor's property in *Lucas* on 27 Jan (Kim Warner)

An indeterminate number heard in Silver Creek MP, *Summit*, on 04 Feb (Deb Koprek-Naver) One near Steubenville, *Jefferson*, on 12 Feb (Andrea Anderson)

One near Bellevue, *Erie*, on 25 Feb (Mitchell SanGregory)

Chukar

Geoffrey Palmer well-described what was probably a hunt-club escapee in *Butler* on 20 Feb.

Ring-necked Pheasant

Susan Carpenter saw 13 males and a female in the Swine Creek Reservation, *Geauga*, on 21 Feb. Andrea and Brad Imhoff came in second with eight along Spohn Road, *Knox*, on 07 Jan. (28 counties)

Ruffed Grouse

Different areas of Harrison SF in that county hosted single birds on 18 Jan (Dan Gesualdo), 19 Jan (Steve Jones), and 11 and 22 Feb (Scott Pendleton). Single sightings also came during the Portsmouth CBC, *Scioto*, on 16 Dec (*fide* David Riepenhoff) and the Ragersville CBC, *Coshocton/Holmes/Tuscarawas*, on 27 Dec (*fide* Ed Schlabach).

Wild Turkey

Jon Cefus counted 138 total in two groups at the Queenstown Hunt Club, *Carroll*, on 31 Dec. Benjamin Miller found 127 along Apple Valley Road, *Knox*, on 05 Feb. (61 counties)

Pied-billed Grebe

Clear Fork held 44 when Gary Cowell was there on 01 Dec. Rick Asamoto found 33 at Rocky Fork on 15 Feb. (62 counties)

Horned Grebe

Julie Karlson and Doug Overacker counted 25 at Buck Creek on 03 Dec. (40 counties)

Red-necked Grebe

Rick Asamoto saw one at Caesar Creek on 15 Dec and it or another was there on 15 and 16 Jan (m. obs.). Cynthia Norris found one at Wendy Park on 15 Feb.

Eared Grebe

Dave Chase found one at CLNP on 03 Dec and it was seen again on 04, 09 and 11 Dec (m. obs.). Joseph Boros reported two there on 04 Dec. Another was at Eastwood MP on 10 Dec (m. obs.)

Rock Pigeon

Rob Thorn found about 500 at Scioto Audubon MP, *Franklin*, on 11 Dec. (82 counties)

Eurasian Collared-Dove

Daniel DeLapp counted 17 along the South Charleston Bike Trail, *Clark*, on 09 Jan, and up to 13 were seen there on other dates. The most elsewhere were eight in Kidron, *Wayne*, on 15

Jan (Cristy and Davy Miller). Auglaize, Erie, Holmes, Logan, Mercer, and Montgomery also provided sightings.

Mourning Dove

A field on Yarmon Road, *Knox*, held about 300 on 10 Dec for Cory Gratz. Margaret Bowman counted 187 on utility wires along Meigs Creek Road, *Morgan*, on 26 Dec. Only *Jackson* and *Mercer* didn't have sightings.



On 19 Jan, this Mourning Dove posed for Rachel Shamy at Wildwood MP in Lucas.

Rufous Hummingbird

I have updated the table published in the fall *Cardinal* with further information from Allen Chartier:

			First		Last Observed	
Location and County	Age	Sex	Observed	Banded		
Hamilton Twp., Warren	Ad	F	mid-Oct	09 Jan	*	
Lakeville, Holmes	Ad	F	20 Oct	08 Dec	15 Dec	
Tipp City, Miami	Imm	M	mid-Nov	no	13 Dec	
Ad = Adult, Imm = Imma	ature					





An incredible Rufous Hummingbird spent a few months at a home in Hamilton Township, **Warren**. It was photographed by Christopher Collins on 10 Jan.

Ruby-throated Hummingbird

The bird first seen 08 Nov visiting a feeder in Cincinnati was last seen 17 Dec (fide Brian Wulker). This is later by three weeks than the latest previous record I could find, which was by Robert Sams in Findlay, *Hancock*, on 25 Nov 2015.

Anna's Hummingbird

The Elizabeth Township, *Miami*, bird was last seen 28 Feb (*fide* Allen Chartier).

Virginia Rail

Wood CP staffers found one dead in the Radner Preserve on 21 Dec, the first "sighting" of Dec. One was noted at the Holmes "rail marsh" on and off starting 31 Dec (m. obs.). Birders also found singles in Franklin, Greene, Knox, and Muskingum from late Dec to late Feb.

American Coot

Bill Stanley found about 800 at Old Highland Stone on 31 Dec. (56 counties)

Sandhill Crane

These were unusually numerous and widespread this winter. Troy Shively saw multiple flocks totaling about 1000 pass over Wapakoneta, *Auglaize*, in about an hour on 15 Dec. Brian Menker noted about 725 in four big vees over Bill Yeck Park, *Montgomery*, on the same day and time as Troy's birds. (55 counties)

Killdeer

John Pogacnik watched migrants passing Lake Erie Bluffs on 24 Feb and tallied 93; the largest single flock held 14. Pickerel Creek and Killdeer each held about 50 on 24 Feb (Eric Liebold and Doug Marcum respectively). (76 counties)

Marbled Godwit

Ed Pierce *et al.* found three stragglers in ONWR on 04 Dec (*fide* Douglas Vogus)

Dunlin

The reports are:

Four at ONWR on 04 Dec (Ed Pierce et al., fide Douglas Vogus)

Four hanging out with snipe at Killdeer on 05 Dec (Ron Sempier)

Two at Bayshore on 22 Dec (Paul Jacyk)

One at the Avon Lake, *Lorain*, power plant on 05 Jan (Joshua Vardous)

One at Alum Creek on 06 Jan (Adam Brandemihl)

Purple Sandpiper

Jen Brumfield saw three on the outer breakwall from Cleveland's Ninth Street Pier on 20 Dec. Other Cleveland waterfront locations produced single sightings until 19 Jan.

Least Sandpiper

Kirk Westendorf found one at Armleder Park on

26 Dec; it was there until 04 Jan.

Pectoral Sandpiper

Chad Arment found three near Elroy, *Darke*, on 21 Dec (*fide* Regina Schieltz) and two days later Regina refound the three there and photographed one of them.

Long-billed Dowitcher

Robert Royse saw two in the *Pickaway* section of Deer Creek on 24 Feb. Paul Jacyk photographed one at Funk the next day.

Wilson's Snipe

Irina Shulgina provided the high count, 18, from Killdeer on 02 Dec. Zachary Allen came close to her number with 14 in the Sardis-Fielding wetlands, *Jackson*, on 28 Feb. (27 counties)

American Woodcock

Four locations each hosted 12. The only sightings before Feb were singles by John Hull near the Hueston Woods SP lodge, *Preble*, on 04 Dec, by Ben Morrison in his *Stark* yard on 21 Jan, and by Gabriel Amrhein in Glen Helen Preserve, *Greene*, on 31 Jan. (44 counties)

Spotted Sandpiper

The *Ashtabula* CBC on 31 Dec documented one (*fide* Marc Hanneman).

Greater Yellowlegs

Susan Evanoff and Su Snyder saw one at Prairie Lane, *Wayne*, on both 03 and 07 Dec. Another dropped in on Levi A. Yoder near Farmerstown, *Holmes*, on 17 Dec.

Lesser Yellowlegs

Irina Shulgina found one at Killdeer on 02 Dec and Ronnie Clark another near Bolton Field, *Franklin*, on 27 Feb.

Ivory Gull

The OBRC has a report with a photo from **Delaware**.



A shorebird during the winter in Ohio is a rare sighting indeed! Adam Brandemihl was able to capture this photo of a chilly Dunlin on 06 Jan trying to stay warm at Alum Creek.

Bonaparte's Gull

Tom Kemp counted 349 flying past his Grand Rapids, *Lucas*, yard on 01 Dec. Ethan Kistler and Billi Krochuk found about 300, the inland high, at Mosquito WA on 05 Dec. (40 counties south to *Montgomery*)

Little Gull

Nathan Michael saw one near the CLNP on 29 Dec.

Ring-billed Gull

Jen Brumfield estimated that 14,000 were visible from Wendy Park on 09 Jan, and that site and Cleveland harbor held up to 13,000 on other dates. The most away from Cleveland were about 10,000 at the Avon Lake power plant, Lorain, on 05 Jan (Joshua Vardous). The most not on Lake Erie were Ken Andrews' 8000 at the Oberlin Reservoir, Lorain, on 01 Jan, and the most well inland were 4000 at Atwood Lake, Tuscarawas, on 11 Dec (Jon Cefus) and 12 Dec (Kent Miller and Ben Morrison). (74 counties)

California Gull

The OBRC has several posts from *Cuyahoga* with photos and one from *Erie* with a description.

Herring Gull

The waters off Wendy Park held 7000 on 10 Jan (Jen Brumfield); inland, Springfield Lake, *Summit*, had 800 on 09 Dec (Ben Morrison). (58 counties)

Thayer's Gull

Chris Pierce saw the first, at Bradstreet's Landing on 27 Dec. Sightings, all from *Cuyahoga*, *Erie*, *Lorain*, and *Lucas*, were fairly steady to 06 Feb. After that, the only one was Bill Ohlsen's find at Spitzer Marina in Lorain (city) on 21 Feb. Several folks saw three at Wendy Park on 15 Jan.

Iceland Gull

The only Dec sightings were by John Pogacnik at Lake Erie Bluffs on 02 Dec and by Dave Smith in a quarry near Bettsville, *Seneca*, on 24 Dec. Lots of Jan sightings preceded just a few in Feb; the last of the season was on 23 Feb, again by John Pogacnik at Lake Erie Bluffs. The high count was Jen Brumfield's eight at Wendy Park on 14 Jan. *Defiance, Erie, Lorain, Lucas*, and *Summit* also contributed reports.

Lesser Black-backed Gull

The most were 13 at Cullen Lake Park, *Lucas*, on 11 Jan (Paul Jacyk) and the most inland were nine at the Findlay Reservoirs on 11 Dec (Robert Sams). (16 counties)

Glaucous Gull

Jen Brumfield saw the first of the season, at the *Erie* landfill on 04 Dec. (There had been two

Nov sightings.) Jen also found the last of the season, at Edgewater on 23 Feb, though sightings resumed in Mar. Elizabeth Singer contributed the high count, seven, on the *Erie* shore east of Vermilion on 11 Feb. Reports also came from *Lake, Lorain, Lucas*, and *Ottawa*.

[Herring x Glaucous Gull]

John Petruzzi *et al.* photographed one of these "Nelson's" gulls at Wendy Park on 13 Jan.

Great Black-backed Gull

The former Lorain (city) "hot waters" hosted 150 on 15 Jan (Tom Bartlett and Tyler McClain). The only sightings away from Lake Erie were of singles at Pine Lake, *Mahoning*, on 04 Dec (Jeff Harvey) and at Springfield Lake, *Summit*, on 03 Feb (Kent Miller). More lakefront reports came from *Ashtabula*, *Cuyahoga*, *Erie*, *Lake*, *Lucas*, and *Ottawa*.



Talk about attitude! Debbie Parker snapped a photo of this Great Black-backed Gull having a tough day at Lorain Harbor on 10 Jan.

[Herring x Great Black-backed Gull]

Chris Pierce saw one at Rocky River Park, *Cuyahoga*, on 30 Dec, and it or another was at Wendy Park on 14 Jan (m. obs.)

Gull sp.

Observers reported numbers between 6000 and 20,000 at Wendy Park on 09 Jan. Jeff Peters noted about 10,000 at Bayshore on 29 Jan.

Forster's Tern

Debbie Parker photographed a straggler at Lorain (city) harbor on 09 Dec. One was seen during the Toledo CBC count week, the three days each preceding and following 18 Dec (fide Matt Anderson).

Red-throated Loon

The sightings are:

Two off Lakefront Reservation, *Cuyahoga*, on 10 Dec (Edward Carroll)

One off Huntington Reservation, *Cuyahoga*, on 11 Dec (m. obs.)

One during the Lake Erie Islands CBC, *Erie/Ottawa*, on 18 Dec (*fide John Pogacnik*)

Common Loon

Sightings were thin in Feb, with the last of the season being Gregory Bennett's at Nimisila Reservoir, *Summit*, on 22 Feb. Emery A. Yoder counted 165 passing overhead in one hour near Bunker Hill, *Holmes*, on 14 Dec. John Pogacnik provided the next-highest count of 23, from Lake Erie Bluffs on 02 Dec. The second-highest inland count of seven was shared by Atwood Lake, *Carroll*, on 02 Dec (Kent Miller) and LaDue, also on 02 Dec (Jon Cefus and Ben Morrison). (30 counties)

Double-crested Cormorant

Michael Zampini saw about 1500 at Bay View, *Erie*, on 04 Dec, but only 347 were there the next day for Paul Sherwood. The inland high number was Kent Miller's 150 near Wilmot, *Holmes*, on 07 Dec. (40 counties)

American White Pelican

Robert Foppe and Jennifer Smolenski counted 36 at Caesar Creek on 15 Dec. Twelve flew over Ed Bremer in Upper Arlington, *Franklin*, on 28 Dec. One spent 13 to 27 Jan at Alum Creek and apparently then moved to Hoover Reservoir until 30 Jan (m. obs.) One also popped in at Buckeye Lake, *Licking*, on 19 Feb (Linda Woolard). A couple of other *Franklin* sightings complete the account.

Great Blue Heron

The borrow pits near Bay View, *Erie*, hosted 68 for Paul Sherwood on 12 Jan. The most away from Lake Erie were Jennifer Allison's 49 in the Bath Road area of CVNP on 27 Feb. (79 counties)

Great Egret

Paul Sherwood counted 53 in the Bay View borrow pits on 05 Dec, and 42 and 52 there on other nearby dates. The most anywhere else were three at several locations. (12 counties)

Cattle Egret

One which showed up at Lorain on 01 Nov remained until 01 Dec (m. obs.).

Green Heron

Troy Dunn documented one at Fort Island Park, *Summit*, during the 18 Dec Cuyahoga Falls CBC. It or another spent 20 to 25 Dec on the Cuyahoga River at Cleveland's Scranton Flats (m. obs.)

Black-crowned Night-Heron

The Sandusky coal docks, *Erie*, held 12 for Paul Sherwood's scan on 04 Dec. (11 counties)

Black Vulture

David A. Brinkman found 160 along his CBC route in *Clermont* and *Hamilton* on 26 Dec. Robert Royse's 130 was the second-highest num-

ber; he saw them on the Dennison University campus, Granville, *Licking*, on 23 Jan. (42 counties all the way north to *Cuyahoga*)

Turkey Vulture

Stefan Gleissberg saw 210 over Athens (city) on 19 Feb. John Pogacnik counted 155 passing Lake Erie Bluffs on 24 Feb. (78 counties)

Bald Eagle

Rudy Kobosky counted 36 at ONWR on 28 Jan. The most away from Lake Erie were the 14 which Gary Cowell found at Pleasant Hill Lake on 31 Dec. (79 counties)

Northern Harrier

The *Hardin* Wetlands hosted 36 for Richard Counts on 21 Jan. John Games and Ron Sempier found two males and 20 females at Big Island on 07 Jan. (79 counties)

Sharp-shinned Hawk

Birders found two in at least seven locations; the rest were singles. (64 counties)

Cooper's Hawk

David Carr et al. counted seven along their Newtown Bottoms CBC route, *Hamilton*, on 26 Dec. Mark Shaver's four near Claridon, *Geauga*, on 31 Dec was the second-highest number. (75 counties)



This adult Cooper's Hawk had a few ruffled feathers after catching its meal in Cleveland's Erie Street Cemetery. Scott Klingensmith just happened to be there to watch the bird enjoy its catch on 04 February.

Northern Goshawk

A posting from *Hancock* had a description.

Red-shouldered Hawk

Elizabeth McQuaid found eight in West Branch SP, *Portage*, on 01 Jan. (71 counties)

Red-tailed Hawk

The high count was 18. Leslie Sours and Karen Winstead found that many at Killdeer on 01 Jan. That same day, Ed Pierce's census team tied them in ONWR (fide Douglas Vogus). (all 88 counties)

Rough-legged Hawk

A trio of eBirders counted seven along Hayes Road, *Geauga*, on 18 Feb. (45 counties)

Golden Eagle

The reports are:

One or two at The Wilds between 23 Dec and 11 Feb (m. obs.)

One over Rocky Fork MP in Columbus on 07 Jan (Bruce Simpson)

One near McConnelsville, *Morgan*, on 25 Jan (Margaret Bowman)

One near Mt. Eaton, *Wayne*, on 18 Feb (Atlee A. Yoder)

One south of New Bedford, Coshocton, on 24 Feb (Benjamin H. Yoder)

Barn Owl

Reports came from multiple sites in *Holmes* and *Wayne* plus three locations in *Knox*. The sightings were all of one or two birds.

Eastern Screech-Owl

The high count was three; it was achieved at locations in *Erie*, *Franklin*, *Hamilton*, *Montgomery*, and *Ross*. (48 counties)

Great Horned Owl

Jen Brumfield and Michelle Pesho saw the same family of four in the Rocky River Reservation, *Cuyahoga*, on 22 and 28 Feb respectively. (47 counties)



Adam Brandemihl perfectly captured this gorgeous Great Horned Owl in Powell, **Delaware**, on 20 Jan.

Snowy Owl

Scott Myers saw the first of the season (following one Nov bird), by U.S. 127 in *Paulding* on 04 Dec; others saw it in the area through 07 Dec. One spent most of Jan at Burke Lakefront Airport in Cleveland. The only multiple sighting was Ed Wransky's double at Cleveland Hopkins Airport on 11 Feb, and presumably one of them was the season's last, seen there on 16 Feb by Elizabeth McQuaid. ONWR plus *Ashtabula*, *Fulton*, *Lake*, *Van Vert*, and *Williams* also hosted singles.

Long-eared Owl

The first of the season were four in ONWR on 04 Dec (Ed Pierce et al., fide Douglas Vogus). Two had been there a month earlier (m. obs.). Counts of eight came from Maumee Bay on 05 Feb (m. obs.) and 23 Feb (Kim Warner). (11 counties)

Short-eared Owl

The high count of eight was shared. Richard Counts saw them in the *Hardin* Wetlands on 22 Dec; Tom Bartlett *et al.* found theirs at Killdeer on 29 Jan. (26 counties)

Northern Saw-whet Owl

Erik Bruder saw one in his Bay Village back yard, *Cuyahoga*, on 03 Dec. At least one was seen at the Magee Migratory Bird Center and nearby from mid Jan to 26 Jan (m. obs.). David Weaver saw four there on 21 Feb and many folks saw three. *Erie*, *Franklin*, *Lake*, and *Wyandot* also had sightings.

Barred Owl

Steve Jones saw five in Lawrence Woods SNP, *Hardin*, on 26 Feb. (52 counties)



Hunting at night is hard work! Allan Claybon photographed a napping Barred Owl at Hueston Woods SP, **Preble**, on 17 Feb.

Belted Kingfisher

Carol Holdcraft counted five at Eastwood MP, *Montgomery*, on 28 Feb. (75 counties)

Red-bellied Woodpecker

David Carr *et al.* found 26 along their eastern *Hamilton* CBC route on 26 Dec. Every county but *Pike* and *Putnam* produced a report.

Yellow-bellied Sapsucker

Brian and Gale Wulker noted four in Spring Grove Cemetery, *Hamilton*, on 01 Jan. (45 counties)

Downy Woodpecker

Kelleys Island hosted 48 on 19 Jan and 33 on 10

Feb for Tom Bartlett. Ed Pierce's ONWR census team found 41 on 01 Jan (fide Douglas Vogus). Only **Putnam** had no sightings.

Red-headed Woodpecker

Matt Anderson discovered 33 in OOPMP on 15 Jan. Cam Lee and David Lehner found 21 along Road 123 in Killdeer on 01 Jan. (47 counties)



This impressive Red-headed Woodpecker paused for Su Snyder on 4 Jan at The Wilderness Center in **Stark**.

Hairy Woodpecker

Jacob Myers saw 10 in the OOPMP area during the Grand Rapids – Waterville CBC on 31 Dec. The most not encountered during a CBC was six, seen by both Kent Miller at The Wilderness Center, *Stark*, on 16 Dec and Bill and René McGill at CNC's Rowe Woods on 31 Dec. (82 counties)



t is important to keep those feeders full during the winter months! Leslie Sours captured a photo of this Hairy Woodpecker on 02 Jan while he was taking a break from a suet feeder in **Wayne**.

Northern Flicker

Tyler McClain counted 25 at Killdeer on 03 Jan. (78 counties)

Pileated Woodpecker

David Helm found seven in the Williamsburg, *Clermont*, area during the East Fork Lake CBC on 02 Jan. Richard Payne saw five at Armleder Park on 05 Dec. (75 counties)

American Kestrel

Andy Sewell saw 12 along his Kingston CBC route in *Ross* on 01 Jan. *Gallia*. *Jackson*, *Lawrence*, and *Putnam* didn't have sightings.

Peregrine Falcon

Paula Lozano saw two in each of Cleveland and Lakewood during the 30 Dec Lakewood CBC, *Cuyahoga*. (28 counties)

Merlin

The high count was three; three cemeteries and another site hosted them. (44 counties)



Jeff Peters enjoyed watching this Merlin take a bath on 17 Feb at Eastwood MP, Montgomery.

Eastern Phoebe

These were fairly widespread, with sightings in 28 counties and throughout this mild winter. Elizabeth Andregg saw three in Fairview Park, *Hamilton*, on 20 Dec.

Northern Shrike

Ed Pierce's ONWR census team found three at ONWR on 04 Dec (fide Douglas Vogus). Doubles were seen at four locations on six dates. (11 counties)



Laura Madden captured this Northern Shrike on 29 Jan while it searched for its next meal at ONWR.

Blue Jay

Bill Grant saw about 85 at the Acacia Reservation, *Cuyahoga*, on 19 Feb and up to 75 were there on other dates. Only *Putnam* didn't provide a report.

American Crow

Julie Karlson and Doug Overacker saw about 15,000 along Buck Creek, *Clark*, on 16 Dec, and wrote, "This large crow roost has been in Springfield every winter for at least 40 years." *Putnam* was again the only county without a sighting.



More than warblers pose for photos at Magee! Vince Capozziello photographed this American Crow posing majestically in the **Ottawa** section on 24 Feb.

Common Raven

A trio of eBirders saw six along Township Highway 93 in *Harrison* on 22 Jan; up to five were seen at other *Harrison* locations. The most elsewhere were doubles at three *Jefferson* sites. Louise Zemaitis saw the only other raven, near St. Clairesville, *Belmont*, on 14 Dec.

Horned Lark

Elliot Tramer saw at least 400 in a newly snow-covered field in Waterville Township, *Lucas*, on 12 Dec. Kent Miller also saw about 400 near The Wilderness Center, *Stark*, on 16 Dec and so did Jacob Myers along County Road 20, *Fulton*, on 06 Jan. Three sites each hosted 200, all of them in Jan. (71 counties)



Horned Larks are always easier to spot in the snow. D. Zachary Phipps photographed this one foraging along a country road on 18 Dec in Brookville, Montgomery.

Tree Swallow

Oscar Wilhelmy provided the first report, a single bird at Fernald on 17 Feb. Joe Brehm found seven at the Rutherford Wetlands of Wayne NF, *Hocking*, on 25 Feb. Other sightings came from *Delaware*, *Franklin*, *Licking*, *Union*, and *Wayne*.

Northern Rough-winged Swallow

The last three of the small late flock at Eastwood MP, *Montgomery*, were seen and photographed on 05 Dec (Eric Elvert).

Cave Swallow

One was documented during the Fremont CBC, *Sandusky*; the report awaits the OBRC vote.

Barn Swallow

Jen Brumfield was the last to report the single Nov straggler at Edgewater, on 13 Dec.

Carolina Chickadee

Glenwood Gardens, *Hamilton*, hosted 62 on 10 Dec (Steve Pelikan). (64 counties)

Black-capped Chickadee

Tom Bartlett regularly surveys Kelleys Island; he found 112 chickadees there on 19 Jan and 94 on 10 Feb. The most elsewhere were Dave Chase's 84 at CLNP on 03 Dec. (35 counties)

Carolina/Black-capped Chickadee

Indeterminate birds were reported from 21 counties.

Tufted Titmouse

Brian Wulker counted 41 in Rentschler Forest MP, *Butler*, on 17 Dec. Only *Auglaize*, *Fayette*, *Putnam*, and *Van Wert* didn't provide reports.

White-breasted Nuthatch

Brandon Brywczynski's wooded property in *Williams* hosted about 30 on 23 Dec. Every county but *Putnam* provided a report.



Brian Tinker found this inquisitive White-breasted Nuthatch at Firestone MP, Summit, on 27 Jan.

Red-breasted Nuthatch

The most were 18; the Wulkers found them in

Spring Grove Cemetery, Cincinnati, on 01 Jan. Feeders in Vineyard Hills, *Hamilton*, hosted 10 on 05 Dec (Oscar Wilhelmy). (59 counties)

Brown Creeper

Amy Downing and Robert Sams counted nine in the Riverbend Recreation Area, *Hancock*, on 21 Jan. (68 counties)

House Wren

The confirmed reports are:

At Bacon Woods during the 17 Dec Elyria-Lorain CBC (Paul Sherwood)

On the Akron/Copley border, *Summit*, during the Cuyahoga Falls CBC on 18 Dec (Jim Reyda)

During the Paint Creek Area CBC in *Highland* near Bainbridge, also on 18 Dec (Rob Perry)
On the Cincinnati Milacron property in *Clermont* on 03 Jan (Bill Stanley)

Winter Wren

Evan Buck contributed a count of four from near Matamoras, *Washington*, on 14 Dec. (42 counties)



Standing in the snow on 14 Dec, Christopher Collins patiently waited for this Winter Wren to come out into the open at Woodman Fen, Montgomery.

Marsh Wren

Michael Lamont saw what could be considered the last of fall, at Darby Creek on 03 Dec. The next were two at Killbuck on 02 Jan (m. obs.) and there were scattered sightings at both locations from then through the end of the season.

Carolina Wren

David Carr et al. counted 41 along their Newtown Bottoms, *Hamilton*, CBC route on 26 Dec. Steve Pelikan found 34 in Glenwood Gardens, *Hamilton*, on 10 Dec. (80 counties)

Northern Wheatear

The OBRC has a formal report from Wyandot.

Golden-crowned Kinglet

Two miles of hiking near Sugar Grove, *Hocking*, yielded 20 for Emily Keeler on 04 Dec. Cory Chiappone found 11 at Desonier SNP, *Athens*, on 04 Feb. (67 counties)

Ruby-crowned Kinglet

Counts of three came from the Bulls Run Arbo-

retum, *Butler*, on 24 Dec (Evan Jenkins) and the Riverside Natural Area, also *Butler*, on 16 Jan (Billy Kozuh). (24 counties)



While birding along Osborn Road in Clark on 19 Jan, Jeff Peters was surprised to see this Ruby-crowned Kinglet.

Eastern Bluebird

Katy Barnes and Mariamar Guitierrez found 40 in TNC's Stillfork Swamp Preserve, *Carroll*, on 27 Dec. Only *Defiance*, *Fayette*, *Mercer*, *Putnam*, and *Van Wert* didn't have a sighting.



Eastern Bluebirds are a favorite species for many birders. When they strike a pose like this bird did for Jeff Peters on 20 Feb on Marquart Road in **Clark**, how could you not love them?



Sean Hollowell captured this Golden-crowned Kinglet sporting his golden crown on 19 Feb at Glen Helen NP in Greene.

Mountain Bluebird

The OBRC has posts with photos from Adams.

Hermit Thrush

Tom Bartlett counted 19 at Kelleys Island on 10 Feb. The next-highest concentrations were of three, at both Dupont Marsh SNP, *Erie* on 02 Jan (Dan Gesualdo) and Kelleys Island on 19 Jan (Tom Bartlett). (40 counties)

American Robin

David A. Brinkman reported 5000, a "[s]ky filled with birds", along I-275 in western *Hamilton* on the evening of 12 Dec. Shane Myers watched about 1000 come to roost in Findlay's Maple Grove Cemetery, *Hancock*, late on 26 Jan. *Belmont, Coshocton, Fayette, Lawrence*, and *Meigs* came up robinless, at least as far as reports are concerned.

Gray Catbird

A few singles were around all winter; reports came from 13 counties.

Brown Thrasher

These, too, were here all winter, with solo birds seen in 16 counties.

Northern Mockingbird

Six locations each hosted five birds. (68 counties)

European Starling

Jack Stenger wrote that the 50,000 he saw on 18 Dec was "Not a typo. Rumpke Mtn. [Hamilton] was starling-capped today." Several birders found a mere 10,000 at the Lorain (city) fishing pier on 02 Jan, as did Irina Shulgina at the SWACO landfill, Franklin, on 10 Jan. Jackson, Lawrence, and Putnam didn't have sightings.

Cedar Waxwing

Edward Carroll found about 125 behind the Hudson library, *Summit*, on 08 Dec. Kathleen Conrad saw about 100 at Wingfoot Lake, *Summit*, on 26 Dec. (53 counties)

House Sparrow

The high count was 200. Cynthia Norris saw that many at her *Wayne* farm on both 25 Dec and 09 Jan. Kenn Kaufman tied her on 02 Jan at Catawba Island SP, *Ottawa*. (81 counties)

American Pipit

Levi A. and Marcus L. Yoder saw about 200 on their property near Farmerstown, *Holmes*, on 14 Dec, and 120 were still there on 26 Jan. The next highest count of 40 was shared by Jennifer Kuehn at the OSU North Star corn fields, *Franklin*, on 19 Dec, and Ed Bremer near Darby Creek on 31 Dec. (33 counties)

House Finch

These provided another shared high count, of 150. Derrick Hill saw them at his *Guernsey*

home on 08 Dec and Jack Stenger's were in Shawnee Lookout on 17 Dec. (81 counties)

Purple Finch

Matt Anderson counted 58 in OOPMP, feeding on privet berries on 28 Jan. The next most were also in OOPMP, 31 on 30 Jan (Karen and Warren Leow). A trio of *Adams* CBC participants found 20 at two feeders on 17 Dec. (38 counties)

Red Crossbill

Regrettably, the only report was by an anonymous eBirder, so it can't be confirmed.

White-winged Crossbill

The Hocking Hills CBC on 18 Dec produced one (fide Jere Brunken).

Common Redpoll

The reports, all of single birds, are:

During the 18 Dec Toledo CBC, Lucas (fide Matt Anderson)

During the Lake Erie Islands CBC, *Lucas/Ot-tawa*, also on 18 Dec (fide John Pogacnik)

In Woodlawn Cemetery, Lucas, on 28 Dec (Tim Haney)

During the Grand Rapids – Waterville CBC, *Lucas/Wood*, on 31 Dec (*fide* Tom Kemp)

At the Gleason Family Nature Reserve, *Morrow*, on 07 Jan (Kelly Warner)

Pine Siskin

Marc Hanneman found 45 at Walnut Beach Park, *Ashtabula*, on 02 Jan. Next most were Lori Zolman's 11 in Mt. Vernon, *Knox*, on 15 Jan. (23 counties)

American Goldfinch

Margaret Bowman and Phil Swan saw about 80 along Rural Dale Road near The Wilds on 23 Dec. Only *Jackson* and *Putnam* didn't have sightings.



Monte VanDeusen photographed this pensive American Goldfinch, a favorite species at winter feeders, on 17 Dec at a residence in **Licking**.

Evening Grosbeak

The Lancaster CBC, Fairfield, produced one

on 31 Dec (fide David Goslin). Dan Gesualdo saw one in Mohican SF on 25 Jan.

Lapland Longspur

About 350 graced some softball fields in West Carrollton, *Montgomery*, on 18 Dec (Rick Asamoto and Chris Zacharias). The Ostermillers found 250 along Township Road 65 near Harpster, *Wyandot*, on 14 Jan. (41 counties)



Jeff Peters snuck up on this Lapland Longspur to capture a photo at the intersection of Liberty Road and Black Pike in Clark on 10 Feb.

Snow Bunting

A field by Dairy Road 71, *Paulding*, held 300 for Micki Dunakin on 15 Feb. (32 counties)

Ovenbird

One was seen in the Mansfield CBC circle, *Richland*, during the count week, but not during the 18 Dec count itself (*fide* Steve McKee).

Louisiana Waterthrush

Doug Marcum *et al.* documented one in Headwaters Park, *Geauga*, during that county's CBC on 31 Dec

Common Yellowthroat

Nancy Howell discovered one at Abrams Marsh in the Big Creek Reservation, *Cuyahoga*, on 24 Dec, and re-found it during the 30 Dec Lakewood CBC. Allen Troyer found another, at Killbuck during the Wooster CBC on 26 Dec.

Palm Warbler

The reports are:

Three at The Wilds on 05 Dec (Derrick Hill)
One at the OSU North Star corn fields, *Frank-lin*, on 19 Dec (Jennifer Kuehn)

One at The Wilds during the Chandlersville CBC on 23 Dec (Glen Crippen)

Pine Warbler

Bruce Simson found one along the Mink Trail in Delaware SP on 21 Feb.

Yellow-rumped Warbler

David Allison counted 48 in Gahanna Woods SNP, *Franklin*, on 04 Dec. Eric Burkholder saw 23 at Armleder Park on 10 Dec. (55 counties)

Orange-crowned Warbler

Christopher Collins photographed one at Woodman Fen SNP, *Montgomery*, on 13 Dec. Another spent from about 19 Dec to 28 Jan visiting a suet feeder at a home near Fredericksburg, *Wayne* (m. obs.).



This Orange-crowned Warbler, a surprise winter visitor, was photographed by Sue Evanoff in Fredericksburg, **Wayne**, on 01 Jan.

Wilson's Warbler

Gary Stevens discovered one in the Rocky River Reservation, *Cuyahoga*, on 02 Dec and several other birders saw it there on 07 and 08 Dec.

Eastern Towhee

Karen Noel and Bill Stanley saw 15 in the CNC Rowe Woods on 14 Jan. (54 counties)



This male Eastern Towhee fluffed up in the cold weather for Ron Clark to photograph him at Darby Creek on 06 Jan.

Chipping Sparrow

These were present, but thinly, all season. Triples were along the Maumee Bay boardwalk on 02 Dec (Nancy Braun and Teresa Noel) and in Spring Grove Cemetery, *Hamilton*, on 01 Jan (the Wulkers). (30 counties)

American Tree Sparrow

Lorie Brumbaugh saw about 850 along Stange Road, *Ottawa*, on 23 Dec and wrote that the field and road were "covered with them". At the other end of the state, Jason Sullivan and Chris Zacharias found 800 at the Great Miami MWB on 06 Jan. All counties but *Gallia*, *Lawrence*, *Mercer*, *Scioto*, and *Van Wert* produced reports.



Dawn Elsea snapped a photo of a striking American Tree Sparrow while birding at Prairie Oaks MP, Madison, on 20 Jan.

Field Sparrow

Timothy Spahr saw 20 in Oakes Quarry Park, *Greene*, on 10 Dec, and Bill Stanley tied him at his *Clermont* home on 30 Dec. (48 counties)

Vesper Sparrow

Shane Myers saw a very early arrival near Forest, *Hancock*, on 20 Feb.

Savannah Sparrow

At least one was seen nearly every day, spread among 21 counties. Jason Sullivan and Chris Zacharias found six at the Great Miami WMB on 21 Dec and there were several reports of four.

Grasshopper Sparrow

At least one hung around the Farmer-stown-Sugarcreek area, *Holmes*, all season (Levi A. and Marcus L. Yoder); the Yoders saw two on 17 Jan. A quartet of birders photographed one there on 27 Dec.

Fox Sparrow

Jack Stenger *et al.* spent 3½ hours at Shawnee Lookout on 17 Dec and found 30 there. David Carr *et al.* saw 13 along his CBC route in eastern *Hamilton* on 26 Dec. (50 counties)

Song Sparrow

David Carr et al. counted 92 during their 26 Dec CBC day in *Hamilton*. Next most were Irina Shulgina's 70 in Walnut Woods MP, *Franklin*, on 26 Feb. Only *Putnam* didn't provide a report.

Lincoln's Sparrow

Patty McKelvey saw one in Ralph J. Perk Plaza, Cleveland, on 14 Dec. Elliot Tramer found another, "flushed from a roadside ditch" in *Lucas* during the Toledo CBC on 18 Dec.

Swamp Sparrow

Jack Stenger's CBC team counted 40 at Shawnee Lookout on 17 Dec. Robert Royse found about 35 on several Jan and Feb dates in the Deer Creek wetlands, *Pickaway*. (53 counties)

White-throated Sparrow

Brian Menker and Doug Overacker counted 69 along their CBC route in *Clinton* on 15 Dec. (76 counties)



This stunning photo of the unmistakable White-throated Sparrow was captured at Side Cut MP, **Lucas**, on 22 Feb by Vince Capozziello.

White-crowned Sparrow

CBC routes in *Hamilton* at Shawnee Lookout on 17 Dec (Jack Stenger *et al.*) and Newtown Bottoms on 26 Dec (David Carr *et al.*) each produced 85. The next most was Eric Burkholder's 51 at Armleder Park on 10 Dec. (54 counties)

Dark-eyed Junco

Toledo's Woodlawn Cemetery held about 100 on 07 Dec (m. obs.). Edward Ingold counted 92 in four groups at the Findlay Reservoirs on 15 Dec. Only *Mercer* and *Putnam* didn't have sightings.

Warren Leow photographed an "Oregon" junco during its 11 Dec to 27 Jan stay at his Toledo home. Birds of the *Cismontanus* subspecies were reported in *Geauga*, *Hancock*, *Lake*, *Summit*, *Tuscarawas*, and *Warren* with rudimentary or no descriptions.

Northern Cardinal

Newtown Bottoms, *Hamilton*, produced 120 for David Carr *et al.* on 26 Dec. The next most were Tom Bartlett's 86 at Kelleys Island on 19 Jan. Nobody reported our state bird from *Putnam* or *Van Wert*.

Dickcissel

Marvin Yoder hosted a straggler at his feeders near Fredericksburg, *Wayne*; he saw it on 07 and 11 Dec.

Summer Tanager

One showed up at a *Holmes* farm near Trail in early Dec and stayed at least until 14 Feb. A zillion folks saw and photographed it.



This wayward Summer Tanager awed birders from around the state when it showed up in **Holmes** this winter. Su Snyder paid the homeowners a visit on 07 Jan.

Western Tanager

As if one tanager weren't enough, one of these spent at least 07 Dec to 19 Feb near Wilmot, *Holmes*, about four miles from the Summer Tanager. Though the OBRC hasn't voted on it, I have no doubt that the record will be accepted.



Adding to the list of spectacular winter visitors, the Western Tanager was photographed by Tom Fishburn at the Marvin Troyer residence in **Holmes** on 10 Dec.

Rose-breasted Grosbeak

Richard Kidwell saw one in South Findlay, *Hancock*, on 16 Dec, and another popped in at Kathy Mock's *Summit* home the next day.



One of many unusual winter species this season, this Rose-breasted Grosbeak stopped by Kathy Mock's feeders in Barberton, Summit, on 17 Dec.

Red-winged Blackbird

Jaime Koller found about 4000 by the Grand River, *Lake*, on 26 Feb. Three sites each hosted about 3000. (79 counties)

Eastern Meadowlark

James Gore saw 35 along Cumberland Road at The Wilds on 21 Jan. Fernald held 23 for Brian Wulker on 11 Jan. (59 counties)

Yellow-headed Blackbird

Paul Jacyk found the first, at Bayshore on 20 Dec. The last spent from 26 Feb into Mar at Lorain (m. obs.). Bayshore also had the most, three on 15 Jan (Paul Jacyk and Leslie Sours). Two other *Lucas* sites plus one in each of *Ashland* and *Ottawa* complete the location list.

Rusty Blackbird

Brian Wulker contributed the two highest counts, 150 at Miami Whitewater Forest, *Hamilton*, on 19 Jan and 100 at Fernald on 30 Jan. Susan Evanoff and Su Snyder also saw 100, at Funk on 28 Feb. (41 counties)



Jon Cefus got into a staring contest with this Rusty Blackbird at Firestone MP, **Summit**, on 15 Jan. I wonder who blinked first?

Brewer's Blackbird

Elliot Tramer saw one feeding with grackles in corn stubble in *Lucas* on 06 Dec

Common Grackle

Su Snyder birded Smucker Road, *Wayne*, on 05 Feb and wrote about the 50,000 grackles there, "mixed blackbird flock, probably 90 percent grackles, conservative estimate". Kent Miller was at The Wilderness Center, *Stark*, on 16 Dec. His "careful count of long, easy to count by 100s stream that passed by right over the center for a long time heading north" yielded 30,000. (78 counties)

Brown-headed Cowbird

Dennis Mersky saw about 1000 along the ONWR WD on 22 Jan. Stange Road, just out-

side the ONWR border in *Ottawa*, held about 600 on 30 Jan (Corinna Honscheid and Beth Lenoble). (65 counties)

Blackbird sp.

Leon Miller reported about 16,000 "in a continuous ribbon" near Walnut Creek, *Holmes*, on 14 Dec.

Baltimore Oriole

The one which Andrea Anderson saw at her feeder almost daily between 14 and 26 Nov in *Jefferson* returned 11 Dec and stayed into Mar. The one visiting a home feeder near Apple Creek, *Wayne*, in Nov also remained all winter into Mar (*fide* Andy R. Troyer).

CONTRIBUTORS

The Species Accounts could not be written without the data provided by these contributors either directly to the Editors or by posting to an on-line venue. We thank you.

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David A. Brinkman Jennifer Allison Glen Crippen

Gabriel Amrhein Erik Bruder Troy Dunn

Andrea Anderson Michael Crouse Lori Brumbaugh

Matt Anderson Jen Brumfield Daniel DeLapp

Nancy Anderson Jere Brunken Jeremy Dominguez

Ken Andrews Brandon Brywczynski Amy Downing

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Eric Elvert Katy Barnes Vincent Capozziello

Tom Bartlett Susan Carpenter Janice Emrick

David Carr Reuben S. Erb Gregory Bennett

Edward Carroll Susan Evanoff Ron Bicknell

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Margaret Bowman Christopher Collins **James Gore**

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Tim Haney Scott Kingensmith René McGill

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Tom Kemp Ben Maurer Bill Ohlsen

The Ohio Cardinal, Winter 2016-17

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Doug Overacker Eli Schlabach Wayne R. Stutzman

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Geoffrey Palmer Ron Sempier Phil Swan

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A KEENE BIG YEAR

By Laura Keene

In late 2015 I stepped down from my volunteer position as photo editor for the *Ohio Cardinal*. I explained to editor Craig Caldwell what had precipitated that decision. 2016 promised a strong El Nino through the spring. Air fares and gas prices were the cheapest they've been in years. My kids had all finished college and fledged. And my husband was very busy working on a project out of town, as well as on his PhD. In other words, all conditions were ideal to do a Big Year.

Looking back from the comfort of 2017, I am still in awe of how 2016 came together, and how it managed to be such a success. I have some amazing memories that belong in a Big Year movie. Sailing off on a private charter with Debi Shearwater to see Flesh-footed Shearwater? Yes, things like that do happen in real life! There were moments in which the competition felt antagonizing, but that in hindsight propelled me to success like nothing else could. I pushed my limits to go places I would have never had the courage to try before. I spent more money than intended; the year got away from me. But I had the time of my life.



Laura saw this Black-capped Petrel during a pelagic trip off Cape Hatteras on 02 Jun.

I was fascinated with birds and science at an early age, learning to whistle so I could call to the Bobwhite in the field behind my grandmother's house, and was always excited to hear them call back on those warm summer evenings. In high school, I took summer field biology, and my teacher Mr. Bolander pointed out Bank Swallows on canoe trips down the Miami Whitewater River, a Belted Kingfisher at Winton Woods, and my favorite...the beautiful Indigo Bunting. I bought my first Peterson's Field Guide with babysitting money. Later I became busy with college, mar-

riage, my career as a pharmacist, and three children, but still managed to find time to enjoy the backyard birds, and vacation birding.

My best friend and neighbor Cathy talked me into photography classes at a local college, and on the advice of a friend, we made our first visit to Magee Marsh. We became hooked on warblers, the beautiful little gems of the avian world. Each year we took more and more film and afterward studied our photos, eagerly awaiting the following year to return and learn more. As our children grew and fledged, our annual trips to Magee got longer, as did our lenses.

On our annual spring visit to Magee in 2014, Cathy wasn't feeling well. It became apparent that something was terribly wrong. While she pushed herself to bird hard by day, she suffered fevers, chills and night sweats. She was hospitalized when she arrived home, and diagnosed with leukemia. I was her Monday driver, be it for admissions to the hospital or to her visits to the oncology center. There was hope for a cure with a stem cell transplant, but her brave battle was eventually lost. On Mother's Day 2015 her ashes were spread at Magee Marsh, her final wish. I was devastated. I had lost my closest friend and her family had lost the most incredibly loving mother and wife.

Faced with the graphic reality that life is too short to put off your dreams, I decided to pursue mine—an American Birding Association (ABA) Big Year. Cathy was my inspiration. With the support of my husband and family, I had an unparalleled opportunity for total immersion in the magic and healing of birding. One solid year of doing what I love, seeing and photographing birds.

Of course, a quest such as this requires personal goals of some sort. My initial goal was to see 700 species in the ABA area, which at the start of 2016 encompassed the 49 continental United States and Canada. This could earn me a spot in the "700 Club"; a chance to join a group of only 16 birders to have achieved that milestone in a calendar year. Even so, 700 species for the ABA region is not a record mark by any stretch; Neil Hayward's 749 species in 2013 looked unreachable from where I was standing. But it did seem that the ABA Big Year photographed species record, at 605, was within reach. I had photographed over 500 species in 2010 while birding on vacations, so another hundred plus during a dedicated year seemed attainable.

While no birder can manage to photograph

every species that they see, capturing a photo is a major part of the birding experience for me. This has nothing to do with any doubts about the traditional "honors system" approach to serious listing, though I admit that having a diagnostic photo gives me a lot more confidence about my own identifications. Rather, good or bad, the photos are my trophies—the talismans that anchor the memories of my experiences, and which I will continue to enjoy forever. I estimated that if I could see 700 species, snagging diagnostic photographs of at least 95% of them would be quite do-able. Admittedly, in my mind, I even entertained a secret confidence that I could photograph 700 species.

What I was not initially confident about was making my goals generally known to the birding community. Like starting on a diet, I was hesitant to admit it going in, out of concern that a personal failure might turn into a public one. The unknown presented obstacles that could lead to failure. After years at a desk job, would I be physically able to do the 13-mile hike at Big Bend National Park to see a Colima Warbler? Was I safe hiking alone, driving alone in remote areas, in bad weather? Could I ride a mountain bike in layers of weather gear on Attu? Last but not least, while I love pelagics I am prone to sea sickness. A successful pelagic for me is usually the result of combining advanced planning with an array of anti-nausea pharmaceuticals, and bringing home a fuzzy memory of the birds I had photographed!

All anxieties thrown aside, January 1, 2016 found me standing alone in a Victoria, British Columbia, subdivision, looking for an errant Redwing. Although there had been several other rarities recently reported in the ABA area . . . in Florida, Texas, and Arizona, I let my husband Dave, who would join me on this first adventure, choose the location where I would start my Big Year. And so in BC I added the Redwing and later, with great effort, flushed a non-singing Eurasian Sky Lark. My overall plan was to go for the rarities first...then move on to the bigger plan which was to retro-fit my truck, travel to several bird-intensive ABA areas, and immerse myself in the task. I would take as many photos as possible, stay until I had seen and photographed every bird possible, and then move on to a new location. I had planned to drive and camp much of the time. The reality of 2016 was that the stream of reported rarities never seemed to stop; throwing all original plans out the window.

Some trips I was able to share with friends. In early January, Ohio birder Doreene Linzell joined me for a wild goose chase. We drove to New York, adding a rare Brambling in Ohio along the way. We successfully saw a distant Pink-footed Goose on Long Island the following day, but were unable to locate a nearby Barnacle Goose. On the drive home I saw another report, so we made a quick detour south to New Jersey where Doreene picked a Barnacle Goose out of thousands of geese in an industrial park. A winter storm was moving across Pennsylvania. While I had no problems navigating my 4-wheel drive truck, we were at the mercy of a multi-vehicle accident that had stopped traffic on the Pennsylvania Turnpike. Hour after hour we sat. The temperature dropped into single digits, and the snow covered the vehicles. It was a full five hours before there was any sign of movement.

The next day was an example of the kind of marathon that results from trying to get the most out of every rarity opportunity. After only three hours of sleep, we joined Dan Sanders before sunrise and tried for the Kelp Gull in Akron, but with no luck. After saying goodbye to Dan and Doreene, I later picked up Jacob Roalef in Dayton and we drove on to Clinton County, Illinois, where Jacob spotted our target, a continuing Black-tailed Gull, just before sunset. The day had started long before sunrise and had ended three states away—with over 600 miles driven! I was way beyond tired! The next couple of weeks saw me traveling back to British Columbia for a Siberian Accentor, and then to Arizona, Minnesota, and Florida. By the end of January, I had tallied over 10,000 air miles, and had seen 19



This Cuban Vireo spent several days at Fort Zachary Taylor, Key West; Laura saw it on 20 Apr.

Later, I travelled from Fort Lauderdale, Florida, where I saw a Thick-billed Vireo, to Yolo County, California, to see a Marsh Sandpiper the following day; only to hop on a plane back to south Florida where a Cuban Vireo had been reported...a first ABA record which landed within feet of me! I essentially birded sun-up to sun-down most days...landing at a hotel where I uploaded photos to my laptop, re-charged my batteries, and tried to sleep!

My husband Dave is not a birder, but he loves nature and hiking. We had always wanted to visit Big Bend National Park, so the April excursion to chase the Colima Warbler was the perfect opportunity to enjoy time together. We met in San Antonio and stopped at a park on the way where I added Black-capped Vireo. The first evening in Big Bend, I heard an Elf Owl and was able to track down the location. Dave jokes that he has the longest life list of anyone who doesn't care, but he was enamored with this tiny life owl. We started hiking the next morning before sunrise, hearing Mexican Whip-poor-will calling in the dark. The Colima Warbler location was about 6 miles from the trailhead, and the warblers were still singing when we arrived. All of the hiking done in previous months had somehow prepared me for this 13 mile venture, and I slept well in our tent that night with no ill effects. We moved on next to the Dry Tortugas in the Florida Keys. I stood atop Fort Jefferson, dripping with sweat in the hot sun, and scanned with my scope for an earlier-reported Black Noddy, while Dave snorkeled nearby. It was a long hard day, but I was rewarded with diagnostic digiscoped photos of a very distant Black Noddy; a new ABA life bird for me!

May 11 was upon me before I knew it. It was my dream to visit Attu, and also a huge source of anxiety. The idea of being on the 72' M/V Pukuk, travelling from Adak to Attu, was well beyond my comfort zone. "I could die on this trip", I announced to Dave, more than once. This was an exaggeration, of course, though the anxiety was real. But the birding challenge motivated me, as it had many times already in 2016. The desire to visit this legendary birding location, combined with an El Niño fallout, pushed me far beyond my fears. Prior to boarding the boat in Adak, trip leader John Puschock informed me "I have some good news, and some bad news. First the good news ... you have a cabin to yourself. Bad news... it is in the bow." The bow cabin, it turns out, is the roughest ride in the whole boat.

These unique pelagic waters served to add several birds to my life list: Fork-tailed Storm-Petrel,



This Short-tailed Albatross enhanced the boat trip to Attu on 17 May.

Short-tailed Shearwater, and one of our major targets (a bird that had been hunted almost to extinction for its feathers), a Short-tailed Albatross. My enthusiasm for watching and photographing the albatross, however, pushed me over the brink of sea-sickness. I reluctantly retired to my cabin, where I spent the next 24 hours! I have no memory of the actual illness; only the constant awareness that the other two Big Year birders aboard, (John Weigel and Christian Hagenlocher) might see a bird that I would miss. I mentally tried to be ready to dash up to the deck the moment that the boat slowed down, signaling a sighting. I even played music on my phone to distract myself, which somehow kept cycling to Gordon Lightfoot's "Wreck of the Edmund Fitzgerald". And these lyrics were not helping!



Laura, dressed for success, on Attu 21 May.

The next day I finally got back my sea legs, and learned that I hadn't missed anything new. Later, we arrived at Attu and anchored in Casco Bay. When it was my turn to board the skiff and then step foot on Attu, my eyes filled with tears. I had finally made it! I was on Attu Island!! Each day we would ride the skiff to Attu and spend the day hiking and biking miles and miles along the island; seeing many of our target birds. But there was surprisingly small variety in the number of species. I did manage to keep up with the guys, often feeling like the little sister trailing behind my brother and his friends. But lagging behind worked in my favor one day when I spotted a Eurasian Hobby.

In the evenings, we were treated to selected readings by Neil Hayward, from his new book "Lost Among the Birds", recounting his 2013 Big Year. It is a beautifully written book, and what a pleasure it was to hear it in his own voice. Our group bonded during those weeks, and it was always fun to listen to the banter. The last two days on Attu brought us the mix of rarities we had hoped for, including one of my favorites of the trip... the Terek Sandpiper. Overall, I added 48 species to my year list, but it was far more than just the birds. I will always treasure the entire Attu experience!

Immediately upon arriving home, Dave and I drove to North Carolina for three great days of east coast pelagics with Brian Patteson, adding 11 species to my year list, including life birds Fea's and Black-capped petrels. Next, I cut a day from my Nome trip and flew to Arizona for the first potential ABA record of a Pine Flycatcher. This bird was gathering nesting material, and landed too close for me to photograph! I returned to Alaska for scheduled Nome and Barrow tours. Then it was a race to Minnesota for Connecticut Warbler, Alder Flycatcher, and on to Maine for Bicknell's Thrush and a rare Little Egret. Then on to Michigan for Kirtland's Warbler... I had to 'catch up' with these migrants while they were still singing on territory!



Laura got back to the mainland in time to see this Pine Flycatcher at Aliso Spring, Pima County, Arizona on 06 Jun.

The summer was busy...spent cleaning up with migrants, and also trips with friends to see Himalayan Snowcock and White-tailed Ptarmigan. I also tried for every rarity that was reported. The number of birds on my summer target list got smaller every day. On a Debi Shearwater pelagic out of Monterey on 6 Aug, I finally hit number 700 with Ashy Storm-Petrel! With almost five months to go, and with 45 Codes 1 and 2 (the more common species) remaining to be seen (plus the possibilities of rarities in Alaska in the fall), I had no idea what number I could achieve.

Not every search was a success...During the year I missed 17 species that I had targeted. Many days were unsuccessfully devoted to Golden-crowned Warbler and Hook-billed Kite. I cancelled a trip to Newfoundland for Fieldfare,

flying instead to Miami for a Cuban Pewee, which was a no-show. I trekked several miles in 106-degree summer heat at Joe Williams NWR in Arizona - attempting twice, but missing a Nutting's Flycatcher. A long drive to Key West for a reported Bahama Mockingbird turned up a very early juvenile Northern Mockingbird. I looked for White-eared and Beryline Hummingbirds for days in Arizona, and dipped. I aborted my fall trip to Gambell and flew from Anchorage to San Antonio to try for a coveted Jabiru, which flew before I arrived. I missed Pin-tailed Snipe, Siberian Rubythroat, and Hawfinch on Attu. A pair of Great Knots in Nome ended up being a



Laura chased this Little Egret in Falmouth, Maine, on 19 June.

local subspecies of Rock Sandpiper which closely resemble Great Knot. I tried for Yellow-green Vireo, Mottled Petrel, Dovekie, and Red-footed Booby - all more than once – without success.

The failures were heavily out-weighed by successes, such as searching Organ Pipe Cactus National Monument for Ferruginous Pygmy-Owls. Unaware of an exact location, I scouted alone: searching every tree and shrub along the trails. Near dusk, the quiet of the desert gave way to a cacophony of calls...Black-tailed Gnatcatchers and Phainopepla scolded, and the object of their attention was soon heard. I didn't see the Ferruginous Pygmy Owl, but recorded its vocalizations on my iPhone for several minutes. Each call sounded further away than the one before it. I realized that I could chase and possibly photograph it, but without a good flashlight, and in the presence of rattlesnakes and scorpions, those thoughts were abandoned. The beauty of the moment was that I was watching a stunning Arizona sunset; alone in a desert and out of my comfort zone. This was my adventure.

My biggest quest was hatched when a pair of Gray-headed Chickadees were reported about 100 miles from Kotzebue, Alaska, feeding on salmon carcasses left by grizzlies. The Gray-headed Chickadee is the hardiest chickadee in the world, gathering and caching food to survive the sub-zero winters above the Arctic Circle. I couldn't resist the desire to search for this mysterious bird...to document it and thus add to the scant knowledge of this truly survivalist species. Less than a week later my Ohio birding friend Jay Lehman and I joined John Weigel and Christian Hagenlocher in Kotzebue. Over the year, I had grown very close to my two big year cohorts, who inspired me to work harder and achieve more. I loved times like this when we could join forces. The four of us had only one day, and one shot at this elusive bird.

With Kotzebue receiving only six hours of daylight in early November, our time to search was limited. After flying to a gravel bar in a four-passenger Cessna, we were shuttled one by one in a Piper Cub, landing on a frozen lake, and then hiking along a bear path to the earlier-reported location. For our protection, the guide and the pilot each carried shotguns, and we were each equipped with bear spray. Luckily, we saw no bears; only their footprints in the snow. Unfortunately, there were no salmon carcasses remaining...only the red-tinged snow where they had been consumed. I saw Boreal Chickadees, White-winged Crossbills (a year bird), and Common Redpoll, but no Gray-headed Chickadees came into view. We searched until we ran out of time, with no success.

I was the first to be shuttled back from the frozen lake, and was dropped off on the gravel bar with a sleeping bag, bear spray, and a radio...gear that would help me survive the night in case something happened to the plane. Alone in the Alaska back-country, I reveled in the solitude and stunning views of the mountains in the distance...a reverent silence broken only by the sound of a nearby stream. All too soon I heard the sound of the shuttle plane, returning to drop off the next person. Soon the four of us would be picked up by the larger Cessna. I would have given anything for another shot at the chickadee, but the disappointment was well over-shadowed by the joy of the experience.

At the end of 2016, I had flown over 162,000 miles in 178 flight segments, and had travelled close to 200,000 total miles. I spent 29 days/nights on boats, and am happy to report that apart from that one day of being seasick en route to Attu, I kept my sea legs during the rest of the year. I recorded 759 certain and three provisional species and was one of four birders to break Neil Hayward's 2013 record of 749 species. The provisional species await acceptance by the checklist committee. I also captured 741 diagnostic images...for 97% of the species that I had observed. Also of note: After the ABA voted to change the

bylaws, which added Hawaii to the ABA area, I was motivated to join John Weigel for an intense 11 days of successful Hawaiian island-hopping in December; adding an additional 55 species. Including a 10-day trip to Mexico in February, I had tallied an AOU-North total of 901 species for the year! By all accounts, I had a very successful and memorable big year for seeing and photographing birds. I am very grateful for the many sacrifices of my family; giving me the opportunity to have 2016, a big year of living my dream.

Laura is an avid birder and photographer from Southwest Ohio. Her photography has been published in National Parks Magazine, National Geographic, and multiple news outlets. She is a former photo editor for the Ohio Cardinal. In 2016 she followed her dream and pursued an ABA Big Year.

NORTHERN SAW-WHET OWL PREYS ON SALAMANDER

By Jay M. Sheppard

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Editor's note: Our collector of obscure Ohio avian lore, Bill Whan, sent this to The Cardinal with the permission of Mr. Sheppard.

On 13 Feb 1960, R. A. Hefner and the author discovered the frozen posterior half of a Jefferson salamander (Ambystoma jeffersonianum) near the diurnal perch of a roosting Northern Saw-whet Owl (Aegolius acadicus) in Hueston Woods SP, Butler. The two observers were searching for the owl, which had been using this Scotch pine (Pinus sylvestris) stand for the previous month or more. When the owl was found, a careful search of the immediate area yielded a partially consumed female Northern Cardinal (Cardinalis cardinalis), the salamander remains, and several owl pellets, all within a radius of approximately 10 m. The salamander remains were tentatively identified by R. L. Strecker.

Northern Saw-whet Owls frequently cache prey remains near their diurnal roosts during the winter months as a hedge against inclement weather the next night for hunting (Rasmussen 2008; pers. obs.). Their most common prey in this part of their winter range are mice of the genus Peromyscus (Rasmussen 2008; pers obs.). This marks the only known instance of this owl capturing and even partially consuming any salamander. Rasmussen (2008) list one record of a toad (Bufo) being recorded in this bird's diet in far western Canada as the only other report of any amphibian's being taken. This is not a proven case of this owl taking and consuming a salamander, but the evidence clearly points to this conclusion.

Ambystoma jeffersonianum are the earliest breeding amphibian in Ohio. Adults can sometimes be found wandering towards their breeding pools over snow in February (pers. obs.). The remains of this salamander found near this owl were clearly of a female with a small number of large eggs in evidence. A small creek less than 1 m across with a spring source is approximately 50 to 100 m from the owl's roost site. This small stream rarely freezes except in exceptionally cold weather; other potential salamander habitat is available within 800 m. The forest surrounding the pine stand is composed mostly of mature beech (Fagus sp.), hickory (Carya sp.) and maple (Acer sp.) and is

at an elevation of approximately 300 m.

The weather was cold to fair during the preceding 21 days. The first week averaged about 3 degrees C with a range of minus 5 to 8 degrees, while the last 14 days were more variable with brief periods of warmer days (up to 10 degrees C) followed by several days with below-freezing temperature. No snow remained on the ground on this date. (Weather data supplied by Department of Aeronautics, Miami University.)

Appreciation for their assistance in the field, identification of the salamander, and review of an early draft of this note are belatedly extended to the late R. A. Hefner and R. L. Strecker of the Department of Zoology, Miami University, Oxford, Ohio. Spencer G. Sealy confirmed that the only other report of an amphibian's being consumed was of a frog

Literature Cited

Rasmussen, Justin Lee, Spencer G. Sealy, and Richard J. Cannings. 2008. "Northern Sawwhet Owl" (Aegolius acadicus), The Birds of North America (P. G. Rodewald, Ed.). Ithaca: Cornell Lab of Ornithology; retrieved 5 Dec 2016 from the Birds of North America Online: https://birdsna-org.bnaproxy.birds.cornell. edu/Species-Account/bna/species/nswowl; DOI: 10.2173/bna.42

THE CHRISTMAS BIRD COUNT REPORT

By Mike Busam

We're pleased to share with you the Ohio results from the 117th annual National Audubon Society Christmas Bird Count. At publication time a year ago, we had the complete results from 67 Ohio counts. This year, we have results from 73 counts. Compilers worry about a lot of things pertaining to their counts, such as finding reliable section leaders and knowledgeable counters, obtaining permission for private property access, timely tally reporting, rarity documentation, and the weather. With patience and diligence, most of the compiler's worries can be assuaged-but not the weather. Compilers can do nothing about the weather! This year, if you were on the Cincinnati count on 26 Dec, you enjoyed temperatures that reached 72 degrees Fahrenheit, for it was your luck to be birding during a Christmas warm-up in which "hundreds of daily record highs were set or tied in the Midwest." (National Climate Report 2016) If you were running an early count on 14, 15, or 16 Dec, you endured temperatures that probably never broke out of the teens. In fact, equally high numbers of record cold temperatures were set throughout the Midwest during early December. (NCR 2016) On 14 Dec, the Black Swamp Count recorded a low of minus 2 and a high of 19, Fayette County 7 and 16, and Preble County 7 and 22. On 15 Dec, Caesar Creek-Spring Valley recorded temperatures between 3 and 13; on 16 Dec, Ashland temperatures were between 9 and 16, Portsmouth's between 13 and 23, and Wilmot's between 6 and 15. Lucky counts that waited until the first Saturday of the count period seemed to have been rewarded, since a warm front came through the region, producing notably warmer temperatures the first weekend of the 117th CBC. Temperature ranges for counts held on 17 and 18 Dec generally spanned the from 30s to the low 60s. Weather is unpredictable, of course; while the first half of Dece was colder than normal, the second half was warmer than normal. The good news for climate change deniers is that if we ignore the pendulum swing, for the month of Dec the temperatures in Ohio and the Midwest were not too far from norma.l (NCR 2016; NWS Wilmington) There was some snow in the region, mostly during the colder first half of Dec, but snow doesn't seem to have caused many problems for this year's counts.

Now for some numbers: Ohio counters tal-

lied 161 species during the 117th CBC. Caesar Creek-Spring Valley led the state with 97 species, and Toledo was one behind at 96. Both the Gypsum and Lake Erie Islands counts reported 91 for their day. Three counts were in the high 80s: Cincinnati (89), Columbus (86), and Cuyahoga Falls (88). Seven other counts reached or broke the 80 level. Numbers can be interpreted in various ways, and the seasonal reports in this issue will cover the regional trends that are reflected in the CBC results. The following species were reported on all 73 counts: Canada Goose, Mallard, Red-tailed Hawk, Red-bellied and Downy Woodpecker, Blue Jay, American Crow, European Starling, House Sparrow, House Finch, Northern Cardinal, and Dark-eyed Junco. Chickadees, either Black-capped or Carolina, were also found in every circle. Twelve counts recorded "chickadee species" in addition to either or both Black-capped and Carolina; one count, Killdeer Plains, reported only "chickadee species". Species represented on single counts, usually as single individuals, are often interesting, be they full species or clearly identifiable sub-species. These were Brant (Cuyahoga Falls, two individuals), Harlequin Duck (Lakewood), Spotted Sandpiper (Ashtabula), Least Sandpiper (Cincinnati), American Woodcock (Quail Hollow-Hartville), Thayer's Gull (Toledo, two individuals), Iceland Gull (Toledo, two), Red-throated Loon (Lake Erie Islands), American White Pelican (Caesar Creek-Spring Valley, 36), Green Heron (Cuyahoga Falls), Golden Eagle (Chandlersville), Snowy Owl (Ashtabula), Northern Shrike (Ottawa N.W.R.), Common Raven (Cadiz, two), Cave Swallow (Fremont), Marsh Wren (Wilmot), White-winged Crossbill (Hocking Hills), Evening Grosbeak (Lancaster), Ovenbird (Mansfield, worth mentioning as a count week report), Louisiana Waterthrush (Burton), Palm Warbler (Chandlersville), Lincoln's Sparrow (Tiffin), "Oregon" Junco (Toledo), Summer Tanager (Wilmot), Western Tanager (Wilmot), Yellow-headed Blackbird (Toledo), and Brewer's Blackbird (Toledo).

The birds don't count themselves, and without counters in the field and at feeders, CBCs aren't possible. For the 117th CBC Cuyahoga Falls again led Ohio CBCs with 146 participants. Wilmot had 88, Cincinnati 82, and both Ragersville and O'Shaughnessey Reservoir counts had 76 birders. Southern Cuyahoga had 67, while Columbus had 66 for their day in the field.

As with finding the birds on a CBC, the

number of birders who participate each year is influenced by weather, timing, recruiting efforts by compilers and other counters, and luck. This year, the National Audubon Society online signup feature did not work, which might have cost us some participants, particularly first-time participants. Online signup should be ready for the 118th season, though.

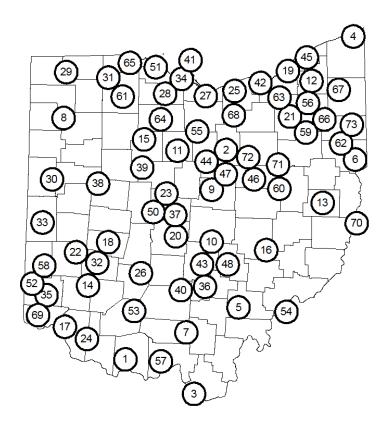
We would like to thank the National Audubon Society for making their compilation of CBC data available to us. Visit the Christmas Bird Count web site at http://www.audubon.org/conservation/science/christmas-bird-count. All the data, including historical data, are available online at http://netapp.audubon.org/CBCObservation/. Observers can also sign up online to participate in most counts, which can help compilers plan their count circle coverage. If you de-

cide to try out a new count or two in the 118th season, consider signing up online next fall. Thanks to everyone who helped with the 117th CBC season!

Sources cited

National Oceanic and Atmospheric Administration. National Centers for Environmental Information. "National Climate Report, December 2016." https://www.ncdc.noaa.gov/sotc/national/201612#MRCC (accessed 1 May 2017).

National Weather Service, Wilmington, Ohio. "December 2016 Regional Climate Summary." http://www.weather.gov/media/iln/climate-summary/ClimateReport_December2016.pdf (accessed 1 May 2017).



117 TH AUDUBON CHRISTMAS COUNT										
COUNT CIRCLE	Adams County (OHAC)	Ashland (OHAD)	Ashtabula (OHAA)	Athens (OHAT)	Beaver Creek (OHBC)	Beaver Valley (OHBV)	Black Swamp (OHBS)	Brown Family Environmental Center (OHBF)	Buckeye Lake (OHBL)	Bucyrus (OHBY)
CIRCLE NUMBER	1	2	4	5	6	7	8	9	10	11
COUNT DATE	17-Dec	16-Dec	31-Dec	31-Dec	18-Dec	17-Dec	14-Dec	17-Dec	17-Dec	2-Jan
SPECIES OR OTHER TAXUM										
Greater White-fronted Goose								CW		
Domestic goose sp.										
Snow Goose						1		1	1	1
Ross's Goose	2								1	
Snow/Ross's Goose										
Brant										
Cackling Goose	1	071	000	000	0==	400	400	F F00	001	000
Canada Goose	555	371	898	882	277	120	486	5,590	204	363
Mute Swan		3								
Trumpeter Swan								25		
Tundra Swan Wood Duck	2		1					35		
Gadwall	6		2	8						
American Wigeon	3		CW	1						
American Wigeon American Black Duck	55	16	17	'	7	1		44	2	
Mallard	440	59	157	178	85	30	5	439	110	
Mallard (Domestic type)	440	- 55	107	170	- 00	30		400	110	
American Black Duck x Mallard										
Blue-winged Teal										
Northern Shoveler				1					13	
Northern Pintail	11			1				1		1
Green-winged Teal	3					1				
Canvasback			1							
Redhead			4					13		
Ring-necked Duck	15		CW					13		
Greater Scaup			13							
Lesser Scaup			63	2			CW			
Greater/Lesser Scaup			6							
Harlequin Duck										
Surf Scoter										
White-winged Scoter			6					CW		
Black Scoter			4							
Long-tailed Duck										
Bufflehead			24					4		
Common Goldeneye		6	180						1	1
Hooded Merganser	25		2	2		1		20		
Common Merganser			45	1				CW		
Red-breasted Merganser			110					CW		
merganser sp.							_			
Ruddy Duck			22	1		1	CW	2	1	
duck sp.										
waterfowl sp.										
Northern Bobwhite										
Ring-necked Pheasant										
Ruffed Grouse				7-	60	0.5	F0	61	-	
Wild Turkey	4	1	34	75	32	25	52	21	2	4
Pied-billed Grebe	1		5	1			CW	CW		1
Horned Grebe Red-necked Grebe			2							
	262	73	226	100	96	120	05	97	37	216
Rock Pigeon Furasian Collared-Dove	263	13	236	109	86	138	95	87	3/	316
Eurasian Collared-Dove										

	11 7 1	гн \mathbf{A}	UD	UBC	ON (СНІ	RIST	ΓΜΑ	AS (COU	JNT	
Burton (OHBU)	Cadiz (OHCA)	Caesar Creek-Spring Valley (OHCS)	Carey (OHCY)	Chandlersville (OHCH)	Cincinnati (OHCI)	Clark County (OHCC)	Cleveland (OHCL)	Columbus (OHCO)	Cuyahoga Falls (OHCF)	Dayton (OHDA)	Delaware Reservoir (OHDR)	East Fork Lake S.P. (OHEF)
12 31-Dec	13 31-Dec	14 15-Dec	15 31-Dec	16 23-Dec	17 26-Dec	18 16-Dec	19 17-Dec	20 18-Dec	21 18-Dec	22 17-Dec	23 18-Dec	24 2-Jan
1								2				7
				1								2
												CW
									2			
										CW		
2,355	597	189	11,352	1,048	1,680	1,287	823	5,827	6,414	1,856	5,363	2,659
CW				39	3	1	1	1	1	CW		
		3				CW	20		504		10	
1 CW	2	4		44	2	40	-00	10	3	-		
CVV	4	7		14 6	26 2	13	62	7 CW	27	7	3	9
12	6	42	24	21	10	4	14	122	22	1	4	CW
481	80	243	740	131	478	311	295	851	1,065	431	148	274
							CW					
									2			
	4				1	32	14	1	18	38	8	5
				1	3			1	3			
		7					2		5			
		41		3	3	7	2,708	1	55			
	CW	80 CW		275			5	112	19	17	1	4
		15		32	2		95	1	2			2
							2					
							1					
	1	8		1	40	1	61	2	48	4		CW
		2			8	10	131	CW		21		1
	28	4			68	87 28	20 49	125 1	17 3	154 3		8
	1	8				28	9,790	1	3	1		54
	13	100		6	16	5	393	3	25	9		
	10											
CW		CW	1								1	
37	280	2		366	52	14	61	27	27		8	91
	1	4		1	18	9	9	5	1	9	1	26
		2				3	34				1	21
324	89	198	630	128	428	318	170	272	401	792	25	35

117 TH A	UDI	UBC	ON (СНІ	RIST	ΓΜΑ	AS C	COU	JNT	
COUNT CIRCLE	Adams County (OHAC)	Ashland (OHAD)	Ashtabula (OHAA)	Athens (OHAT)	Beaver Creek (OHBC)	Beaver Valley (OHBV)	Black Swamp (OHBS)	Brown Family Environmental Center (OHBF)	Buckeye Lake (OHBL)	Bucyrus (OHBY)
CIRCLE NUMBER	1	2	4	5	6	7	8	9	10	11
COUNT DATE	17-Dec	16-Dec	31-Dec	31-Dec	18-Dec	17-Dec	14-Dec	17-Dec	17-Dec	2-Jan
SPECIES OR OTHER TAXUM										
Mourning Dove	361	97	96	135	149	414	154	266	109	169
American Coot			28					7		
Sandhill Crane	CW						202			
Killdeer	7	3		11		8	1	1		
Spotted Sandpiper			1							
Least Sandpiper										
Wilson's Snipe				CW		1				
American Woodcock										
Bonaparte's Gull			133							
Ring-billed Gull		39	2,331		130		cw	45	26	27
Herring Gull			202						CW	4
Thayer's Gull										
Iceland Gull										
Lesser Black-backed Gull			1							
Great Black-backed Gull			32							
gull sp.										
tem sp.										
Red-throated Loon										
Common Loon			1							
Double-crested Cormorant			5					3		
American White Pelican										
Great Blue Heron	4	12	2	3		1		6	15	
Great Egret										
Green Heron										
Black-crowned Night-Heron						_				
Black Vulture	155	16		16		8		22	CW	
Turkey Vulture	14	1		19		22			3	
Bald Eagle	4	5	17	1	1	3	4	16	CW	7
Northern Harrier	7		1			6	6	4	2	3
Sharp-shinned Hawk	3		4	4	1	1	CW	1	1	2
Cooper's Hawk Accipiter sp.	3	4	6	1	1	1	4	4	1	9
Red-shouldered Hawk	3	6	4	6	8	11		9	1	
Red-shouldered Hawk	39	26	28	16	21	29	14	39	20	19
Rough-legged Hawk	35	20	20	10	1	-23		3	20	19
Golden Eagle					,			3		
Buteo sp.								1		
hawk sp.								- '		
Barn Owl										
Eastern Screech-Owl	1	2	2	CW			CW	1	2	3
Great Horned Owl	1		1				1		1	2
Snowy Owl			1							
Barred Owl	3							2	1	2
Long-eared Owl									1	
Short-eared Owl										
Northern Saw-whet Owl										
owl sp.										
Belted Kingfisher	5	3	CW	5	2	2	2	6	1	3
Red-headed Woodpecker	9							14		4
Red-bellied Woodpecker	41	31	26	17	32	28	17	61	18	32
Yellow-bellied Sapsucker	1	1						4		1

	11 7 1	$^{\Gamma ext{H}} \mathbf{A}$	UD	UBC	ON (CHI	RIST	ΓΜΑ	AS (COU	JNT	
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12 31-Dec	13 31-Dec	14 15-Dec	15 31-Dec	16 23-Dec	17 26-Dec	18 16-Dec	19 17-Dec	20 18-Dec	21 18-Dec	22 17-Dec	23 18-Dec	24 2-Jan
0.200	01 200	10 200	0. 500	20 500	20 200	10 200	17 200	10 500	10 200	., 500	10 200	2 04
167	145	196	250	359	481	33	116	202	501	71	373	167
1	CW	65		17	33	2	60		125	4		
6		200						267	12	150	29	CW
2		1		2	12			2	CW	3		
					1							
								1			1	
2	2	28		40	CW	400	41	3	1 000	1 076	5	80
2	602 24	490 11	1	12	355	130	2,831 485	1,328 8	1,292 199	876 12	193	947
	27					10	400		100			0
							18 11				7	
							11				,	
		CW					2					CW
						2	1	68		4	6	
2	CW	36 3	2	9	17	3	11	22	13	18	27	18
_		0		4								
									1			
	34	1		44	356	5			3			250 266
13	10	8	36	14	77 19	2	1	8	13	3	13	2
	3	4	42	9	2	_					6	3
	1	1	1		6	1	1	5	6		1	1
12	6	8	8	7	26	1	10	21	26	6	8	2
22	6	22		29	42		4	4	25		2	29
68	72	24	52	99	81	19	21	44	67	14	32	9
1	1		1	10								
				1								
	CW	4			3	2	1	1	3			1
1		4	3	1	10			1	4		3	1
2	CW	3		2	7	1	2	3	3	CW		CW
	CVV	3						3	3	CVV		CVV
	CW			5	1							
			1									
	-				6:			40		40		
1	8	2	2	9	21 10	2	8 19	10 15	9	10	6 12	4 26
56	41	79	30	41	265	29	112	126	263	28	56	64
		7		1	11		2	2	1	4		6

117 TH A	UDI	UBC	ON (CHI	RIST	ΓΜΑ	AS C	COU	JNT	
COUNT CIRCLE	Adams County (OHAC)	Ashland (OHAD)	Ashtabula (OHAA)	Athens (OHAT)	Beaver Creek (OHBC)	Beaver Valley (OHBV)	Black Swamp (OHBS)	Brown Family Environmental Center (OHBF)	Buckeye Lake (OHBL)	Bucyrus (OHBY)
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COUNT DATE	17-Dec	16-Dec	31-Dec	31-Dec	18-Dec	17-Dec	14-Dec	17-Dec	17-Dec	2-Jan
SPECIES OR OTHER TAXUM										
Downy Woodpecker	38	61	38	41	31	27	20	56	13	48
Hairy Woodpecker	23	10	12	5	12	11	2	22	1	18
Northern Flicker	13	4	2	3	3	9	7	10	5	10
Pileated Woodpecker	9	5	3	9	6	12		13	1	4
American Kestrel	45	13	6	10	1	30	13	15	7	18
Merlin				CW				1		2
Peregrine Falcon			1							
Eastern Phoebe	2									
Northern Shrike										
Blue Jay	294	99	59	52	202	168	30	169	40	87
American Crow	776	474	705	181	722	1,081	13	531	69	633
Common Raven		40					440	440		05
Horned Lark Cave Swallow	9	48					442	116	8	85
Cave Swallow Carolina Chickadee	87	34		120	17	87		104	31	18
Black-capped Chickadee	07	24	104	120	61	07	32	2	31	2
chickadee sp.		7	104		77		32			11
Tufted Titmouse	88	66	64	107	107	64	13	116	28	39
Red-breasted Nuthatch	2	5	2	1	1	1		2	1	- 00
White-breasted Nuthatch	44	47	29	36	41	49	18	71	15	65
Brown Creeper	2	4	4	1		2	8	3	3	7
House Wren	_			-		_	_	-	-	
Winter Wren		1				3				
Marsh Wren										
Carolina Wren	42	13	1	17	15	32	1	23	13	11
Golden-crowned Kinglet	18	4	2	12	14	35		7		5
Ruby-crowned Kinglet										
kinglet sp.										
Eastern Bluebird	41	57	42	14	16	54	20	51	21	17
Hermit Thrush						3		1		
American Robin	35	42	8	28		18	16	16	48	3
Gray Catbird								2		
Brown Thrasher	1									
Northern Mockingbird	5			8	4	19		7	10	
European Starling	1,904	264	2,306	513	671	1,129	724	1,242	1,001	3,212
Cedar Waxwing	7	44	24	4		15	1	74	8	2
House Sparrow	68	361	266	22	281	24	406	329	55	852
American Pipit								1	8	
House Finch	34	52	183	22	46	16	29	102	30	31
Purple Finch	90		2					2		
White-winged Crossbill										
Common Redpoll										40
Pine Siskin	400		2		2			150		12
American Goldfinch	198	99	64	30	124	52	24	159	66	28
Evening Grosbeak			_					-		207
Lapland Longspur			33				8	5		227
Snow Bunting Ovenbird			33				50	40		1
Louisiana Waterthrush										
Common Yellowthroat										
Palm Warbler										
· a · varbici	1	I	I							

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Burton (OHBU)	Cadiz (OHCA)	Caesar Creek-Spring Valley (OHCS)	Carey (OHCY)	Chandlersville (OHCH)	Cincinnati (OHCI)	Clark County (OHCC)	Cleveland (OHCL)	Columbus (OHCO)	Cuyahoga Falls (OHCF)	Dayton (OHDA)	Delaware Reservoir (OHDR)	East Fork Lake S.P. (OHEF)
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95	44	89	68	61	247	53	105	156	313	46	95	55
11	15	15	2	13	43	8	16	18	79	5	23	14
3	4 11	30 11	13	20 19	80 22	7	7	60	39 31	10	32 6	38 14
7	13	7	75	29	12		1	5	4	3	6	15
		2			5	1	1	3	1	1		
		CW			4	1	1	1	1			
		1			2			1		2		1
135	94	152	88	113	376	43	368	269	948	17	239	298
188	382	129	130	1,019	2,013	15,000	84	238	1,357	17	126	164
	2											
CW	cw	612	890		31	35		2			325	1
	129	207		126	924	74		294		103	82	165
421	7	207	48	120	924	74	167	294	651	103	02	105
											40	
137	90	124		88	390	24	109	111	391	37	71	102
12		18		2	8		8	11	4	3	5	
109	51	64	58	74	173	43 7	89	120	248	20	58 7	55 7
3	5	14	22	4	23	/	1	8	7	9	/	cw
1	1	2		1	5	1	1	CW	3	3	1	1
4	35	36	6	45	460	19	7	69	53	50	26	87
6	10	42 1		11	41	7	7	12	10	23	8	11
					4			1			'	'
115	138	62	68	112	71	8	18	42	188	15	32	41
	1	10		2	6	5			3	4		3
5	1	221	472	14	5,310	96	390	1,076	1,640	257	155	180
		3			2		1		4			1
2	11	4		12	43	3	6	7	1	3	2	18
1,529	685	1,436	18,200	840	19,962	691	427	6,040	8,670	789	1,058	2,986
	123	75	7	22	121	30	3	26	350		14	135
538	391	242	1,192	250	275	84	545	851	1,872	180	634	81
147	29	91	214	114	3 205	61	99	16 166	338	1 50	187	45
		8	-17		3		33	.50	2	1	CW	CW
470	400	404	000	550	470	05	404	040	2		400	00
178	130	104	282	556	178	65	164	313	617	57	169	90
			680					47			42	
12			75								122	
1												
				1				CW				
							l			1		

117 TH A	UDI	UBC	ON (CHI	RIST	ΓΜΑ	AS C	COU	JNT	
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COUNT DATE	17-Dec	16-Dec	31-Dec	31-Dec	18-Dec	17-Dec	14-Dec	17-Dec	17-Dec	2-Jan
SPECIES OR OTHER TAXUM										
Yellow-rumped Warbler	6	5								
Eastern Towhee	4			2	2	8		2	3	
American Tree Sparrow	20	209	125	35	100	35	46	189	25	115
Chipping Sparrow		CW								
Field Sparrow	21				92	1		4		1
Savannah Sparrow										
Fox Sparrow	1	4					1	1		
Song Sparrow	75	29	9	52	34	65	41	50	32	28
Lincoln's Sparrow										
Swamp Sparrow	7	20	cw	2	2	6				
White-crowned Sparrow	9	20		7	9	25		46	17	19
White-throated Sparrow	80	16	19	47	25	36	5	27	9	3
Dark-eyed Junco (Slate-colored)	273	280	207	103	225	121	159	220	61	122
Dark-eyed Junco (Oregon)										
sparrow sp.				1				3		
Summer Tanager										
Western Tanager										
Northern Cardinal	217	158	131	138	116	109	42	290	68	91
Red-winged Blackbird	194	2	1	16		11	CW	94	5	
Eastern Meadowlark	4					6			30	
Yellow-headed Blackbird										
Rusty Blackbird							CW	3	2	
Brewer's Blackbird										
Rusty/Brewer's Blackbird								1		
Common Grackle	284	3		1		1	2	61	133	1
Brown-headed Cowbird	211	38			2	1	2	30	62	10
blackbird sp.										
TOTAL INDIVIDUALS	7,324	3,397	9,210	3,132	3,894	4,219	3,218	11,098	2,503	6,813
TOTAL SPECIES	73	57	74	59	52	60	43	78	63	57

	11 7 1	$^{\Gamma H}$ \mathbf{A}^{Γ}	UD	UBC	ON (СНІ	RIST	ГМА	AS (COU	JNT	'
Burton (OHBU)	Cadiz (OHCA)	Caesar Creek-Spring Valley (OHCS)	Carey (OHCY)	Chandlersville (OHCH)	Cincinnati (OHCI)	Clark County (OHCC)	Cleveland (OHCL)	Columbus (OHCO)	Cuyahoga Falls (OHCF)	Dayton (OHDA)	Delaware Reservoir (OHDR)	East Fork Lake S.P. (OHEF)
12	13	14	15	16	17	18	19	20	21	22	23	24
31-Dec	31-Dec	15-Dec	31-Dec	23-Dec	26-Dec	16-Dec	17-Dec	18-Dec	18-Dec	17-Dec	18-Dec	2-Jan
6		10		3	31	5		13	10	7	6	10
1	3	35		5	109	6		16	4	7	1	27
369	241	151	1,101	147	254	57	106	219	665	13	814	25
					15			1		1		
		4			15	1		3			10	50
	CW											CW
		12			16	2		1	1		3	1
49	107	33	18	65	373	46	53	98	164	66	64	83
4	6	115	2	5	13	_	2	2	10			7
4	15	7	6	5	97	6		10	11	100	14	8
16	30	270	22	27	389	113	65	391	189	100	37	84
278	331	479	98	213	239	118	431	409	615	84	513	151
236	213	506	249	132	843	164	131	455	716	159	239	186
200	78	52	56	22	712	CW	101	68	565	100	1	2
	CW	2		4	5				1			5
		15	43		200			3	9		1	
	51	100	3		9,207	5	72	96	34		59	130
1	46	36	28	13	81			50	45	1	13	
					2,000						1	
8,194	5,592	7,824	37,396	6,895	50,317	19,265	22,014	21,317	32,106	6,697	11,695	10,455
56	66	97	51	74	89	70	78	86	88	65	70	75

117 TH A	UDI	UBC)N (СНІ	RIST	ΓΜΑ	AS C	COU	JNT	
COUNT CIRCLE	Elyria-Lorain (OHEL)	Fayette County (OHFC)	Firelands (OHFI)	Fremont (OHFR)	Goll Woods (OHGW)	Grand Lake-St. Marys (OHGL)	Grand Rapids-Waterville (OHGR)	Greene County (OHGC)	Greenville (OHGV)	Gypsum (OHGY)
CIRCLE NUMBER	25	26	27	28	29	30	31	32	33	34
COUNT DATE	17-Dec	14-Dec	17-Dec	28-Dec	17-Dec	17-Dec	31-Dec	31-Dec	18-Dec	2-Jan
SPECIES OR OTHER TAXUM										
Greater White-fronted Goose				6						
Domestic goose sp.										
Snow Goose				20						13
Ross's Goose	CW			2						
Snow/Ross's Goose										
Brant										0
Cackling Goose	0.44	400	4 400	5				4 204		CW
Canada Goose	2,147	138	1,106	8,984	340	1,911	1,221	1,724	300	8,725
Mute Swan				6:						5
Trumpeter Swan Tundra Swan			400	24						14
Wood Duck			188	1,260	1					698
Gadwall	4		48	13	'			8		206
	4		2	13				°		106
American Wigeon American Black Duck	4		2	30	cw	2	4			88
Mallard	223	162	524	899	CW	457	370	143	95	1,635
Mallard (Domestic type)	220	102	324	033	011	407	370	140	33	1,000
American Black Duck x Mallard										
Blue-winged Teal										
Northern Shoveler	3	1	1			2				118
Northern Pintail	_		-	9		4	4	1		3
Green-winged Teal				-			1			CW
Canvasback	2									8
Redhead	1					1				59
Ring-necked Duck										83
Greater Scaup										2
Lesser Scaup	15		100	6						1,582
Greater/Lesser Scaup										
Harlequin Duck										
Surf Scoter										
White-winged Scoter										1
Black Scoter										
Long-tailed Duck										2
Bufflehead	3	1								29
Common Goldeneye	24						CW			832
Hooded Merganser	10		24	1			3			3
Common Merganser							CW			371
Red-breasted Merganser	5,524		37							43
merganser sp.										
Ruddy Duck	11	60	21							6
duck sp.						10				
waterfowl sp.										2,024
Northern Bobwhite										
Ring-necked Pheasant				1		2				
Ruffed Grouse										
Wild Turkey	42		60	1			118			8
Pied-billed Grebe	6		1							
Horned Grebe	1									1
Red-necked Grebe	40.1		70	F10	400	10	400		001	0:
Rock Pigeon	494		72	513	169	49	180	23	331	81
Eurasian Collared-Dove			L				l			3

	117 ¹	$^{\Gamma ext{H}} \mathbf{A}$	UDI	UBC	ON (СНІ	RIST	ΓΜΑ	AS (OU	JNT	1
Hamilton-Fairfield (OHHF)	Hocking Hills (OHHH)	Hoover Reservoir (OHHR)	Indian Lake (OHIL)	Killdeer Plains Wildlife Area (OHKP)	Kingston (OHKI)	Lake Erie Islands (OHLE)	Lakewood (OHLK)	Lancaster (OHLN)	Mansfield (OHMA)	Mentor (OHMT)	Millersburg (OHMI)	Mohican State Forest (OHMO)
35 17-Dec	36 18-Dec	37 17-Dec	38 18-Dec	39 1-Jan	40 1-Jan	41 18-Dec	42 30-Dec	43 31-Dec	44 18-Dec	45 31-Dec	46 30-Dec	47 31-Dec
200	10 200	17 200	10 500	i ouii	1 ouii	10 200	00 200	0. 500	10 200	01 200	00 200	0. 500
1			2			90		1	CW		1	
			1 5									
				1								
1,331	177	718	3,007	2,877	74	2,413	712	387	953	887	2,697	569
4				17		CW 5		25 14			2	
		2		108		632		1			6	
		1				1	2		1			
16	11	23	2	2		123			3		4	
4		2	4	22 13		123	11	7	0		5 23	16
633	23	382	2,128	618	10	1,482	691	161	8 163	115	350	91
			7			1,102						
			6									
16	6	28	12	2			OVA	4	1			0
2	2	1	8	CW		1	CW 1	1	1		5	2
			1			95	5		1	5	-	
		4				95	53	1		73		
2	1	8				12	2				5	
5	154					169 3,057	233			20		1
- 3	104					4,880	275			20		'
						,	1					
						CW	9					
						2				_		
		1				1	4			3		
37		14				1,749	22		1	4		
8		10				1,148	1,000			6		
45	18	418				17	2			1	2	
11 CW		12 5				76 1,094	41 4,296			25 801		
CVV		- 3				353	7,230			001		
		41				32	4		8			
						2,082						
	1			2	4	30						
						- 50						
32	262	12				159	6	96	127		364	477
25	1	3				CW	1		3			
		9				95				1		
706	75	5	211	676	191		230	214	465	105	475	342

117 TH A	UDI	UBC	ON (CHI	RIST	ΓΜΑ	AS C	COU	JNT	
COUNT CIRCLE	Elyria-Lorain (OHEL)	Fayette County (OHFC)	Firelands (OHFI)	Fremont (OHFR)	Goll Woods (OHGW)	Grand Lake-St. Marys (OHGL)	Grand Rapids-Waterville (OHGR)	Greene County (OHGC)	Greenville (OHGV)	Gypsum (OHGY)
CIRCLE NUMBER	25	26	27	28	29	30	31	32	33	34
COUNT DATE	17-Dec	14-Dec	17-Dec	28-Dec	17-Dec	17-Dec	31-Dec	31-Dec	18-Dec	2-Jan
SPECIES OR OTHER TAXUM										
Mourning Dove	334	19	135	37	190	9	300	79	119	84
American Coot	49		43	1			7			3
Sandhill Crane					215	20		34	CW	
Killdeer			1							CW
Spotted Sandpiper										
Least Sandpiper										
Wilson's Snipe American Woodcock										
	12	50		4						26
Bonaparte's Gull Ring-billed Gull	2,864	46	5,543	10,491	CW	104	93			18,930
Herring Gull	27	40	121	258	CW	6	298			983
Thayer's Gull			121	200	011	-	230			303
Iceland Gull										
Lesser Black-backed Gull							2			3
Great Black-backed Gull	3		5							161
gull sp.						28				
tern sp.										
Red-throated Loon										
Common Loon	1									
Double-crested Cormorant		1								25
American White Pelican										
Great Blue Heron	5	24	39	103	1	11	5	5	6	58
Great Egret				1						2
Green Heron										
Black-crowned Night-Heron										5
Black Vulture								61		
Turkey Vulture							1	22		CW
Bald Eagle	5	2	26	37	3	8	15			211
Northern Harrier	2	1	1	14		9	2		5	10
Sharp-shinned Hawk			1	1		1	6	1	3	3
Cooper's Hawk	7	2	1	7	4	3	11	2	18	7
Accipiter sp.										
Red-shouldered Hawk	10		40	2	40	1	3	2	40	
Red-tailed Hawk	22	3	12	65	13	20	46	20	16	41
Rough-legged Hawk							2			1
Golden Eagle										
Buteo sp. hawk sp.										
nawk sp. Barn Owl										
Eastern Screech-Owl			7	1	3		16	1	4	15
Great Horned Owl			2	2	1		3		3	8
Snowy Owl			_	_						
Barred Owl	1						1			
Long-eared Owl				1			1		1	
Short-eared Owl										
Northern Saw-whet Owl							1			
owl sp.							2		2	
Belted Kingfisher	1	2	1	4		2	6	5	1	9
Red-headed Woodpecker	3		1		2		17		1	2
Red-bellied Woodpecker	71	1	21	42	22	6	75	38	22	51
Yellow-bellied Sapsucker			1					1		

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	117	гн А	UD	ORC)N (RIST	ľMA	AS (JOU	JNT	
Hamilton-Fairfield (OHHF)	Hocking Hills (OHHH)	Hoover Reservoir (OHHR)	Indian Lake (OHIL)	Killdeer Plains Wildlife Area (OHKP)	Kingston (OHKI)	Lake Erie Islands (OHLE)	Lakewood (OHLK)	Lancaster (OHLN)	Mansfield (OHMA)	Mentor (OHMT)	Millersburg (OHMI)	Mohican State Forest (OHMO)
35 17-Dec	36 18-Dec	37 17-Dec	38 18-Dec	39 1-Jan	40 1-Jan	41 18-Dec	42 30-Dec	43 31-Dec	44 18-Dec	45 31-Dec	46 30-Dec	47 31-Dec
17-Dec	10-Dec	17-Dec	10-Dec	1-Jan	1-Jail	10-Dec	30-Dec	31-Dec	10-Dec	31-Dec	30-Dec	31-Dec
191	182	61	322	43	704	46	126	208	239	74	1,035	140
1		302				11	17	8	1		1	
90	44	14		20	17	83	1	1			6	
3	10	2				2			2		11	12
		1									3	1
		21				125	1			25		
80	75	142	314	3	3	489	5,609			4,310	1	4
1		4				409	805			1,400		
							3			2		
						12	30			14		
						151	1					
						1						
1		1				3 6	3			8		
		'				0	3			•		
31	2	16	4	3	1	1	9	4	5	10	10	7
5 6	53				19			11	29		194	10
0	51				3	5	1	7	2		187	1
2	4	7	4	36	3	30	14	2	1	5	15	47
6			22	77	12	19		2			8	10
1	1	1	1		1	2	2	1	1	1	4	2
6	1	3	2	11	6	7	6	5	4	5	25	3
6	7	2		2	17	1	4	7	7	2	2	6
20	18	9	26	69	61	15	11	41	24	14	136	56
			1	6		3	1				5	14
			_									
			3			4						
											2	
	1	1			5	4			6		1	6
2		1	1	1	3	10	1	3			6	
	3	1	1	CW	2	CW	2	3	1		12	
	3	'	'	OW				3	'		12	
			3	18	1							
						3	1					
	_	_					^		4		18	9
9	3	3 11	1	36	6	1	3 9	4	+		16	6
24	60	53	18	27	46	69	77	51	74	14	302	46
2		3				2	1	1	3		1	1

117 TH A	UDI	UBC	ON (CHI	RIST	ΓΜΑ	AS C	COU	JNT	
COUNT CIRCLE	Elyria-Lorain (OHEL)	Fayette County (OHFC)	Firelands (OHFI)	Fremont (OHFR)	Goll Woods (OHGW)	Grand Lake-St. Marys (OHGL)	Grand Rapids-Waterville (OHGR)	Greene County (OHGC)	Greenville (OHGV)	Gypsum (OHGY)
CIRCLE NUMBER	25	26	27	28	29	30	31	32	33	34
COUNT DATE	17-Dec	14-Dec	17-Dec	28-Dec	17-Dec	17-Dec	31-Dec	31-Dec	18-Dec	2-Jan
SPECIES OR OTHER TAXUM										
Downy Woodpecker	56	2	21	97	29	24	112	60	53	92
Hairy Woodpecker	9		CW	8	4	2	26	10	10	2
Northern Flicker Pileated Woodpecker	13		7 CW	21	2	3	29	7	16	21
American Kestrel	8	2	4	13	13	23	9	6	23	6
Merlin	1		7	10	10	25	2		20	1
Peregrine Falcon	1		1	1						1
Eastern Phoebe										
Northern Shrike										
Blue Jay	289	5	96	189	47	10	270	26	55	151
American Crow	85	11	15	245	29	4	273	200	38	62
Common Raven										
Horned Lark	5	62	1	131	110	133	8	3	20	116
Cave Swallow				1				101		
Carolina Chickadee	400	3				1		134	59	=.
Black-capped Chickadee	122		30	39	73	11	305			71
chickadee sp. Tufted Titmouse	73		12	21	27	14 6	179	78	34	21
Red-breasted Nuthatch	1	1	2	3	4	0	2	//0	34	3
White-breasted Nuthatch	52	'	11	49	59	14	158	62	62	77
Brown Creeper				15	7	3	19	3	5	11
House Wren	1									
Winter Wren				1	1	1	1	3		3
Marsh Wren										
Carolina Wren	8	1	6	27	2	2	16	38	26	12
Golden-crowned Kinglet	2		CW	22	8		45	20	2	39
Ruby-crowned Kinglet							2			1
kinglet sp.										
Eastern Bluebird	27		9	122	3	5	101	21	5	29
Hermit Thrush					_			1		2
American Robin	381	1	220	553	2	10	226	479	25	801
Gray Catbird Brown Thrasher				1						1
Northern Mockingbird		1		1			2			
European Starling	1,221	153	2,415	2,618	1,650	3,549	5,318	866	2,218	3,434
Cedar Waxwing	26		120	1	,,,,,	14	146			10
House Sparrow	389	15	94	1,097	495	826	502	64	464	1,005
American Pipit										
House Finch	67	40	7	287	31	60	429	22	30	99
Purple Finch							2	1		
White-winged Crossbill										
Common Redpoll							1			
Pine Siskin										
American Goldfinch	78		19	337	35	25	200	65	48	154
Evening Grosbeak							11			
Lapland Longspur Snow Bunting					200		7			28
Ovenbird					200					20
Louisiana Waterthrush										
Common Yellowthroat										
Palm Warbler										
* * *										

	11 7 1	$^{\Gamma ext{H}} \mathbf{A}$	UD	UBC	ON (СНІ	RIST	ΓΜΑ	AS (OU	JNT	1
Hamilton-Fairfield (OHHF)	Hocking Hills (OHHH)	Hoover Reservoir (OHHR)	Indian Lake (OHIL)	Killdeer Plains Wildlife Area (OHKP)	Kingston (OHKI)	Lake Erie Islands (OHLE)	Lakewood (OHLK)	Lancaster (OHLN)	Mansfield (OHMA)	Mentor (OHMT)	Millersburg (OHMI)	Mohican State Forest (OHMO)
35 17-Dec	36 18-Dec	37 17-Dec	38 18-Dec	39 1-Jan	40 1-Jan	41 18-Dec	42 30-Dec	43 31-Dec	44 18-Dec	45 31-Dec	46 30-Dec	47 31-Dec
40	72	45	56	35	58	166	85	59	109	24	325	88
4	21	4	7	5	15	2	32	22	32	3	89	34
11	13	12	8	54	14	32	7	17	12	3	48	4
3	26	3	3	2	8		7	11	11	6	37	11
9	8	CW	38	39	38	CW	3	8	1	2	24	18
2		2	1	1		1	4			1		1
							-				3	
44	151	143	32	99	150	72	248	124	203	80	393	230
66	765	192	50	117	601	242	66	320	20,000	240	300	1,170
81			215	161	27	86		21	16		445	71
01			215	101	21	00		21	16		445	/1
144	206	142	14		152			159	53		492	106
						373	175		3	115	6	11
			18	42					152			7
75	152	88	34	37	89	CW	79	125	165	58	417	98
21	13 87	4 59	5 53	38	2 64	13 75	5 82	64	10 128	3	365	106
17	9	2	3	8	16	20	02	4	4	31	18	12
2	2				2	4	cw	2	2	1	8	1
69	40	27	13	12	36	35	7	24	24	1	210	25
15 4	37 1			2	25 1	19	2	6	8	1	26	7
						12						
9	34	27	2	26	83	3	28	68	91	53	436	83
	1				2	37		1			1	
368	6	205	17	122	16	114	505	7	7	2,871	15	8
								1			1	
7	5	3	2	3	20			6	1	1	96	6
3,938	143	701	2,450	1,812	3,748	7,356	1,086	1,163	269	1,924	2,220	1,093
3		95	3	15	3	30	9		5	11	16	42
61	31	175	373	330	118	620	762	179	566	181	1,725	326
16		7			1	108		18			48	400
100	23	70	91	21	100	227	80	94	141	34	466	133
1	1					5	3	1		1		
						1						
							1	1			2	
97	259	100	25	63	48	147	111	138	238	42	419	144
			4	-				1				
1			148	7	5	8 151			5		2	
						151			CW			
							1					

117 TH A	UDI	UBC	ON (CHE	RIST	ΓΜΑ	AS C	COU	JNT	
COUNT CIRCLE	Elyria-Lorain (OHEL)	Fayette County (OHFC)	Firelands (OHFI)	Fremont (OHFR)	Goll Woods (OHGW)	Grand Lake-St. Marys (OHGL)	Grand Rapids-Waterville (OHGR)	Greene County (OHGC)	Greenville (OHGV)	Gypsum (OHGY)
CIRCLE NUMBER	25	26	27	28	29	30	31	32	33	34
COUNT DATE	17-Dec	14-Dec	17-Dec	28-Dec	17-Dec	17-Dec	31-Dec	31-Dec	18-Dec	2-Jan
SPECIES OR OTHER TAXUM										
Yellow-rumped Warbler				3			3			26
Eastern Towhee								8		
American Tree Sparrow	281	3	113	342	70	180	218	29	28	310
Chipping Sparrow									1	
Field Sparrow			1			4	6	2	1	
Savannah Sparrow										
Fox Sparrow	CW						2		1	1
Song Sparrow	21	1	1	59	31	25	33	30	18	31
Lincoln's Sparrow										
Swamp Sparrow	1			2				1		3
White-crowned Sparrow	3			1	2	2	19	2	1	3
White-throated Sparrow	15		17	60	2		43	37	22	73
Dark-eyed Junco (Slate-colored)	219	4	80	356	145	44	612	45	39	204
Dark-eyed Junco (Oregon)										
sparrow sp.		142				1				
Summer Tanager										
Western Tanager										
Northern Cardinal	180	4	61	163	35	24	224	89	89	171
Red-winged Blackbird	2		1	204						246
Eastern Meadowlark					2					
Yellow-headed Blackbird										
Rusty Blackbird	1	1								
Brewer's Blackbird										
Rusty/Brewer's Blackbird										
Common Grackle		75	CW	761			1			5
Brown-headed Cowbird	3		5	405	2	2	4		6	80
blackbird sp.									2	
TOTAL INDIVIDUALS	15,576	1,040	11,516	31,103	4,088	7,678	12,383	4,602	4,331	44,796
TOTAL SPECIES	70	33	59	73	48	49	71	51	45	91

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Hamilton-Fairfield (OHHF)	Hocking Hills (ОННН)	Hoover Reservoir (OHHR)	Indian Lake (OHIL)	Killdeer Plains Wildlife Area (OHKP)	Kingston (OHKI)	Lake Erie Islands (OHLE)	Lakewood (OHLK)	Lancaster (OHLN)	Mansfield (OHMA)	Mentor (OHMT)	Millersburg (OHMI)	Mohican State Forest (OHMO)
35	36	37	38	39	40	41	42	43	44	45	46	47
17-Dec	18-Dec	17-Dec	18-Dec	1-Jan	1-Jan	18-Dec	30-Dec	31-Dec	18-Dec	31-Dec	30-Dec	31-Dec
1		6	1		4	38	2		4		5	
3	3	5	1		3	2					24	2
269	16	199	157	1,324	36	531	77	42	85	67	825	187
								1			CW	
1	2	2						1			13	2
				4							1	
3				2		CW	CW	2	2		3	
112	55	141	30	74	64	33	42	102	54	2	935	53
31		9	3	15	5	1	6	3	3		28	1
59		26	5	3	15	2		9	9		483	23
133	20	86	3	50	44	167	20	22	33	24	266	130
30	6	107	55	98	148	419	320	213	405	75	990	411
						0.5						
			38			35						
160	161	156	89	98	191	327	148	239	310	73	1,751	277
6	124	150	1	153	39	288	36	8	310	13	110	27
1	124		1	32	23	200	30	0	1		110	16
'			'	32	23						- "	10
				10	7			1			42	
5	80	12		2	23	71	3	6	30	65	139	6
	6	9	1		34	368	cw	47	46	5	548	140
9,389	3,825	5,227	10,165	9,607	7,271	33,774	18,386	4,612	25,381	13,928	20,768	6,989
80	63	79	63	63	65	91	80	72	69	60	85	65

117 TH A	UDI	UBC	ON (СНІ	RIST	ΓΜΑ	AS C	OU	JNT	
COUNT CIRCLE	O'Shaughnessy Reservoir (OHOS)	Ottawa N.W.R. (OHOT)	Oxford (OHOX)	Paint Creek Area (OHPC)	Plymouth (OHPL)	Portage County (OHPT)	Portsmouth (OHPO)	Preble County (OHPR)	Quail Hollow-Hartville (OHQH)	Ragersville (OHRA)
CIRCLE NUMBER	50	51	52	53	55	56	57	58	59	60
COUNT DATE	31-Dec	1-Jan	17-Dec	18-Dec	31-Dec	1-Jan	16-Dec	14-Dec	17-Dec	27-Dec
SPECIES OR OTHER TAXUM										
Greater White-fronted Goose		CW								
Domestic goose sp.										
Snow Goose	1	15		CW	1	2				1
Ross's Goose					2					
Snow/Ross's Goose										
Brant										
Cackling Goose									1	
Canada Goose	4,408	3,016	357	988	390	1,137	325	446	2,465	1,179
Mute Swan	3	5				2			1	
Trumpeter Swan		75								
Tundra Swan		3,013								
Wood Duck	4								2	1
Gadwall	10	CW		12			3		13	
American Wigeon	11	4		CW	_					
American Black Duck	11	30	00	7 394	7	2 80	38	00	22	4
Mallard (Dansartia tura)	2,574	897	93	394	185	80	154	28	785	158
Mallard (Domestic type)										
American Black Duck x Mallard Blue-winged Teal										
Northern Shoveler			7	4			4			
Northern Pintail	1	5		cw	1					
Green-winged Teal							13			
Canvasback		1,116		2						
Redhead	2	3	2	_			3		1	
Ring-necked Duck	25	2	18	6	8					
Greater Scaup		2				1				
Lesser Scaup	3	2,418	10	4				3		
Greater/Lesser Scaup										
Harlequin Duck										
Surf Scoter										
White-winged Scoter				1						
Black Scoter									CW	
Long-tailed Duck										
Bufflehead	10	3		CW	3	1				
Common Goldeneye	49	758		2						
Hooded Merganser	38	6		54		3	8		3	
Common Merganser	11	1,829		6						
Red-breasted Merganser	2	171								
merganser sp.										
Ruddy Duck	1	1		83		15		3	20	
duck sp.		200								
waterfowl sp.										
Northern Bobwhite								4		
Ring-necked Pheasant										
Ruffed Grouse							1			1
Wild Turkey	1		_	30		5	32		^	143
Pied-billed Grebe	1	1	2	73		2	CW	1	2	
Horned Grebe	2			35						
Red-necked Grebe	262	12	106	24	30	16	06	75	291	1,100
Rock Pigeon Eurasian Collared-Dove	263	12	106	24	39	46	96	/5	291	1,100
Lurasian Collared-Dove										

	11 7 1	гн \mathbf{A}	UD	UBC	ON (СНІ	RIST	ΓΜΑ	AS (COU	JNT	
Rudolph (OHRU)	Salem (OHSA)	Southern Cuyahoga (OHSC)	Tiffin (OHTI)	Toledo (OHTO)	Tri-Reservoir (OHTR)	Trumbull County (OHTC)	Wellington (OHWE)	Western Hamilton County (OHWH)	Wilmot (OHWI)	Wooster (OHWO)	Youngstown (OHYO)	TOTAL INDIVIDUALS
61 17-Dec	62 31-Dec	63 31-Dec	64 17-Dec	65 18-Dec	66 1-Jan	67 18-Dec	68 30-Dec	69 18-Dec	71 16-Dec	72 26-Dec	73 17-Dec	
17 500	0. 200	01 200	11 200	10 200	i ouii	10 200	00 200	10 200	10 200	20 200	17 200	
										1		16
2				2				13	CW	3		1 175
							1	10	OW	,		9
												5
				8					CW			2 16
1,744	1,646	699	1,326	14,334	1,982	1,614	2,784	1,145	2,660	5,350	93	144,682
	2						1		2	1		62
			1	24 380	2	2	7	5	CW	128		231 6,996
		2	3	3						4		54
	3				11	10		110		32		877
1	33	10		265	49		3	11 44	CW	105		198 1,389
437	187	440	148	4,670	279	57	166	774	108	2,149	184	33,333
												7
										6		6 8
				24				20		4		388
1				2	2			26		22		112
				15				21				55 1,265
		4		10		50	1	26	CW			3,224
		2		22	6	10		37				785
				1,002 212								1,198 8,037
				212								5,161
												1
												11 11
												11
												5
			1	3 45	18 14	15		2				2,109 4,258
1		4		15	25		1				6	1,269
		1		43	6					1		2,565
		2		1								21,943 353
				23	2	5		4				926
					50							2,355
												2,024
												42
												2
		2	17	11	11 4	88		40	26	82	3	3,454 233
		_			1	1						209
-	45-	46.7	95:	1	0-	0-	0-	0.55	46	05:	0-	3
29	135	106	271	493	98	92	85	959	1,398	284	62	16,921 5

117 TH A	UDI	UBC	ON (CHE	RIST	ΓΜΑ	AS C	COU	JNT	
COUNT CIRCLE	O'Shaughnessy Reservoir (OHOS)	Ottawa N.W.R. (OHOT)	Oxford (OHOX)	Paint Creek Area (OHPC)	Plymouth (OHPL)	Portage County (OHPT)	Portsmouth (OHPO)	Preble County (OHPR)	Quail Hollow-Hartville (OHQH)	Ragersville (OHRA)
CIRCLE NUMBER	50	51	52	53	55	56	57	58	59	60
COUNT DATE	31-Dec	1-Jan	17-Dec	18-Dec	31-Dec	1-Jan	16-Dec	14-Dec	17-Dec	27-Dec
SPECIES OR OTHER TAXUM										
Mourning Dove	123	94	191	182	86	154	283	250	673	1,818
American Coot	6			1,144					4	
Sandhill Crane	2	96	62	755			60	CW	CW	
Killdeer								2	2	1
Spotted Sandpiper										
Least Sandpiper										
Wilson's Snipe										2
American Woodcock	0144			40						1
Bonaparte's Gull Ring-billed Gull	CW 1,303	10,552	23	46 737	CW	2	18	16	12	1,450
Herring Gull	1,303	488	23	4	CW		18	16	12	1,450
Thayer's Gull	'	400		4	CVV				'	10
Iceland Gull										
Lesser Black-backed Gull		2								
Great Black-backed Gull		8								
gull sp.		_							1	
tern sp.									-	
Red-throated Loon										
Common Loon				4						1
Double-crested Cormorant		1		6						
American White Pelican										
Great Blue Heron	23	64	25	27	1	2	17	3	10	5
Great Egret										
Green Heron										
Black-crowned Night-Heron		4								
Black Vulture			60	81						195
Turkey Vulture			2	4			1			224
Bald Eagle	10	92	1	11	3	4	8	2	3	14
Northern Harrier	15	33	1	18	3		3	3	1	18
Sharp-shinned Hawk	1		2	1	2	2	1		4	7
Cooper's Hawk	18	4		2	1	3	3	2	16	41
Accipiter sp.									1	
Red-shouldered Hawk	5	1	5	4		3	1		12	7
Red-tailed Hawk	55	61	14	17	8	23	22	6	56	265
Rough-legged Hawk	2	3			2					15
Golden Eagle										
Buteo sp.										
nawk sp. Barn Owl										
		7								E
Great Horned Owl	2	8	3		1				2	9
Snowy Owl		0	3							9
Barred Owl	CW		2	1		3	1		1	8
Long-eared Owl		6		-						1
Short-eared Owl		5		1						3
Northern Saw-whet Owl		1								
owl sp.										
Belted Kingfisher	2		2	6		3	3	3	3	18
Red-headed Woodpecker	CW	7		1		1			2	23
Red-bellied Woodpecker	88	43	34	29	5	37	23	8	75	391
Yellow-bellied Sapsucker	4		1					1		

	117 ¹	гн А	UD	UBC	ON (СНІ	RIST	ГМА	AS (COU	JNT	•
Rudolph (OHRU)	Salem (OHSA)	Southern Cuyahoga (OHSC)	Tiffin (OHTI)	Toledo (OHTO)	Tri-Reservoir (OHTR)	Trumbull County (OHTC)	Wellington (OHWE)	Western Hamilton County (OHWH)	Wilmot (OHWI)	Wooster (OHWO)	Youngstown (OHYO)	TOTAL INDIVIDUALS
61 17-Dec	62 31-Dec	63 31-Dec	64 17-Dec	65 18-Dec	66 1-Jan	67 18-Dec	68 30-Dec	69 18-Dec	71 16-Dec	72 26-Dec	73 17-Dec	
230	164	111	195	211	121	256	105	290	1,302	516	36	17,079
				36		2,110	25	6				4,117
				120				1,958		77		4,541
			4	CW				2	19	2		128
												1
								2	20	1		33
												1
		46.5		127	7			4.00		40	40	737
35	2	114 6		23,518 5,096	859 43	47	1	1,439 5	6	40	12	100,908
- 33				2	40							2
				2								2
				39								52
				7								290
				CW								199
				011								1
					1				CW			14
		159		8								308
	_	_						-				36
1	6	3	10	81	1			8	16	18	CW	869
												1
		1		15								30
		4										1,586
1		35			1					2		974
12	6	7	9	57 18	15 CW	27	2	7	16 16	9	5	974 472
1	0		2	4	7	1	2	5	9	2		124
7	6	8	4	15	6	8	5	14	26	12	1	523
					1							4
	6	3	00	1 50	50	7	3	3	9	F.		432
32	46	41	32	56 4	55	21	22	39 CW	228 16	56 9	6	2,772 103
												1
	4											8
												4
7			0	29		4			2	4		4
7			9	14		1 CW		1	8	1	1	158 132
												1
		2	CW		1	CW		5	11	5	CW	98
				3								14
								2	1	1		41 7
												4
	2	10	7	3	3			8	17	9	1	313
	1	2			16	6		5	25	11		325
20	28	53	28	59	63	35	3	136	359	126	13	4,359
								4	1			68

117 TH A	UDI	UBC	ON (СНІ	RIST	ΓΜΑ	AS C	COU	JNT	
COUNT CIRCLE	O'Shaughnessy Reservoir (OHOS)	Ottawa N.W.R. (OHOT)	Oxford (OHOX)	Paint Creek Area (OHPC)	Plymouth (OHPL)	Portage County (OHPT)	Portsmouth (OHPO)	Preble County (OHPR)	Quail Hollow-Hartville (OHQH)	Ragersville (OHRA)
CIRCLE NUMBER	50	51	52	53	55	56	57	58	59	60
COUNT DATE	31-Dec	1-Jan	17-Dec	18-Dec	31-Dec	1-Jan	16-Dec	14-Dec	17-Dec	27-Dec
SPECIES OR OTHER TAXUM										
Downy Woodpecker	107	80	51	25	11	50	32	10	92	400
Hairy Woodpecker	20	12	2	12	6	18	5	3	15	159
Northern Flicker	61	12	15	22	CW	5	12	4	10	63
Pileated Woodpecker	2		7	2	1	7	14		3	80
American Kestrel	24	23	5	14	8	3	4	6	6	56
Merlin	CW		1	2		1				1
Peregrine Falcon		CW								
Eastern Phoebe							1			1
Northern Shrike		1								
Blue Jay	193	212	26	71	21	120	93	12	422	631
American Crow	403	1	64	364	587	150	242	11	301	9,982
Common Raven										
Horned Lark	61	27	51	25	122	2	5	159	54	290
Cave Swallow										
Carolina Chickadee	184		120	50		400	120	33	1	835
Black-capped Chickadee		38			11	138			270	39
chickadee sp.	101		=0	- 10			404		35	
Tufted Titmouse Red-breasted Nuthatch	104 12	24	78 3	46	9	42	134	11	118	637
White-breasted Nuthatch	95	36	46	23	10	42	65	13	80	562
		6		5	cw			5		21
Brown Creeper House Wren	16		5	1	CVV	1	1	5	1	21
Winter Wren	CW	1	1		1	1	1			2
Marsh Wren	011	•				'	'			
Carolina Wren	31	8	30	19	1	7	18	10	20	260
Golden-crowned Kinglet	6		8	13			5		6	40
Ruby-crowned Kinglet										1
kinglet sp.										
Eastern Bluebird	219	20	31	15	8	33	18		88	938
Hermit Thrush	1	1	5				2			1
American Robin	219	42	123	4	1	4	16	13	14	80
Gray Catbird			1							
Brown Thrasher										
Northern Mockingbird	5		1	4	CW		6		6	112
European Starling	6,738	1,279	1,354	532	1,393	370	1,498	126	1,541	5,709
Cedar Waxwing	83		7	20		1			47	36
House Sparrow	635	785	92	26	55	68	130	21	938	1,879
American Pipit		1								30
House Finch	603	90	64	53	20	26	18	35	218	990
Purple Finch			2	2				3	1	
White-winged Crossbill										
Common Redpoll										
Pine Siskin										
American Goldfinch	187	277	144	87	19	42	73	30	330	565
Evening Grosbeak										
Lapland Longspur	5	1			20					5
Snow Bunting		84								
Ovenbird Weterthough										
Louisiana Waterthrush										
Common Yellowthroat										
Palm Warbler										

	117	гн \mathbf{A}	UD	UBC	ON (СНІ	RIST	ΓΜΑ	AS (COU	JNT	•
Rudolph (OHRU)	Salem (OHSA)	Southern Cuyahoga (OHSC)	Tiffin (OHTI)	Toledo (OHTO)	Tri-Reservoir (OHTR)	Trumbull County (OHTC)	Wellington (OHWE)	Western Hamilton County (OHWH)	Wilmot (OHWI)	Wooster (OHWO)	Youngstown (OHYO)	TOTAL INDIVIDUALS
61 17-Dec	62 31-Dec	63 31-Dec	64 17-Dec	65 18-Dec	66 1-Jan	67 18-Dec	68 30-Dec	69 18-Dec	71 16-Dec	72 26-Dec	73 17-Dec	
46	43	62	46	122	113	55	28	112	505	337	10	5,845
7	10	22	5 4	18 8	9	8	5 4	18 47	124 68	43 69	2 CW	1,243 1,207
	9	11	3	_	9	11		10	63	15	1	597
25	18	1	12	16	7	6	14	18	55	32		983
_	1			1	1			1				38
2		1		2				1				26 14
												1
38	132	116	123	160	286	182	38	235	682	339	39	11,618
166	2,167	103	826	43	248	49	53	3,102	1,022	297	5,113	76,417
40	05		440	440		-00	000	207	4 404	04		2
49	95		143	118		93	283	397	1,494	31		7,815
	3							414	316	198		6,541
2	114	229	84	128	307	159	33		85	72	41	4,592
									53	63		519
36	69	93	58 3	30 7	127	146	24 1	141 9	452 5	127	17	6,757 234
65	56	78	41	81	110	93	32	81	407	134	14	5,458
5	5	1	9	4	1	2		12	27	22		476
												3
		3		6				1	4			79
7	16	24	11	10	15	3		115	138	103	4	2,576
17	8	4	7	12	20	9		19	36	43	•	824
			2									21
												12
21	55	76	14	3	110	41	16	39	560	124	7	4,944 99
52	2	177	7	1,267	3	5		2,998	25	73	18	22,133
								1	1			10
												11
3.276	7 2,235	1 402	1,039	12 5,634	1,518	428	2,034	31 63,636	203 6,877	2,300	5	731 237,548
3,276	2,235	402	1,039	5,634	1,518	428	2,034	1	50	2,300	4	1,969
379	555	159	1,066	1,214	746	307	424	526	3,462	536	20	34,220
					1			40	1			312
66	72	46	68	210	109	67	40	256	787	123	22	8,926
	1				2	5		8		2		150 1
				1								3
												22
21	89	104	71	168	104	100	32	248	668	209	27	10,134
404				-			15	60				1 771
461 127				7 106	5	1 5	15	60	7	1		1,771 1,058
.2,				.50								0
												1
										1		2
												1

117 TH A	UDI	UBC	ON (CHE	RIST	ΓΜΑ	AS C	COU	JNT	
COUNT CIRCLE	O'Shaughnessy Reservoir (OHOS)	Ottawa N.W.R. (OHOT)	Oxford (OHOX)	Paint Creek Area (OHPC)	Plymouth (OHPL)	Portage County (OHPT)	Portsmouth (OHPO)	Preble County (OHPR)	Quail Hollow-Hartville (OHQH)	Ragersville (OHRA)
CIRCLE NUMBER	50	51	52	53	55	56	57	58	59	60
COUNT DATE	31-Dec	1-Jan	17-Dec	18-Dec	31-Dec	1-Jan	16-Dec	14-Dec	17-Dec	27-Dec
SPECIES OR OTHER TAXUM										
Yellow-rumped Warbler	12			1				1	1	2
Eastern Towhee	2		3	11			4	1	2	7
American Tree Sparrow	101	653	56	26	13	123		63	419	1,306
Chipping Sparrow	2						21	2		2
Field Sparrow										43
Savannah Sparrow			1							25
Fox Sparrow	15		4		1		1		2	2
Song Sparrow	34	60	91	27	4	26	28	28	131	1,181
Lincoln's Sparrow										
Swamp Sparrow	1	32	5	4	CW		1		13	12
White-crowned Sparrow	4	2	2	34	CW		8	5	12	961
White-throated Sparrow	106	13	178	47	1	4	11	2	159	289
Dark-eyed Junco (Slate-colored)	337	168	105	256	52	76	338	12	384	1,463
Dark-eyed Junco (Oregon)										
sparrow sp.									10	
Summer Tanager										
Western Tanager										
Northern Cardinal	276	189	181	211	27	78	199	26	454	1,862
Red-winged Blackbird	18	198		24		3	228		76	191
Eastern Meadowlark	1	3	4	13						10
Yellow-headed Blackbird										
Rusty Blackbird			1				21		15	2
Brewer's Blackbird										
Rusty/Brewer's Blackbird										
Common Grackle	2	1		471	4	6	4,120		9	187
Brown-headed Cowbird	11	76	1	150		9	15	1	74	252
blackbird sp.									69	298
TOTAL INDIVIDUALS	20,027	29,619	3,992	7,519	3,154	2,989	8,639	1,502	10,940	39,628
TOTAL SPECIES	79	80	65	78	45	53	64	46	70	82

	117 ¹	гн А	UD	UBC	ON (СНІ	RIST	ΓΜΑ	AS (COU	JNT	1
Rudolph (OHRU)	Salem (OHSA)	Southern Cuyahoga (OHSC)	Tiffin (OHTI)	Toledo (OHTO)	Tri-Reservoir (OHTR)	Trumbull County (OHTC)	Wellington (OHWE)	Western Hamilton County (OHWH)	Wilmot (OHWI)	Wooster (OHWO)	Youngstown (OHYO)	TOTAL INDIVIDUALS
61	62	63	64	65	66	67	68	69	71	72	73	
17-Dec	31-Dec	31-Dec	17-Dec	18-Dec	1-Jan	18-Dec	30-Dec	18-Dec	16-Dec	26-Dec	17-Dec	
		2			3			7	2	13		249
								35	19	11		381
73	117	138	355	341	174	306	190	342	948	1,307	36	17,537
	1						1		1	1		50
								6	11	7		304
									5			36
	1	4		7				9	6	5		116
10	33	49	30	68	43	15	3	275	858	286	12	6,873
				1								1
2	2	1	2	10	2			32	24	91		549
1	5		9	12			7	53	734	50		2,901
5	9	33	1	147	12	11	1	269	270	133	5	4,973
98	150	98	329	367	373	224	144	476	1,145	143	26	17,519
				1								1
												230
									1			1
									1			1
42	156	84	187	255	258	225	56	525	1,618	403	50	17,971
1		3	3	3,728			2	33	2,453	345		10,433
2			1	3				17	6			204
				1								1
3				133				4	92			609
				1								1
												1
3	1	2		2,475	3			25	76,208	325		95,369
21	2	3	96	1,850	6	48	10	4	296	142		5,448
									31,076	714		34,160
7,707	8,522	3,963	6,726	69,938	8,556	7,070	6,712	81,876	140,259	18,453	5,898	1,094,699
55	54	61	51	96	68	52	46	85	78	82	35	161

YEARS AGO

By Craig Caldwell

10 years ago, the Winter 2006-07 Ohio Cardinal, Vol. 30 No. 2 (Bill Whan, Editor) contained these items:

A warm Dec and first half of Jan were followed by the fourth-coldest Feb on record.

There were 64 CBCs.

The 3256 Trumpeter Swans found during the ONWR CBC beat this year's high of 3000.

Two King Eiders were documented.

Four American Bitterns and one Least Bittern were found well inland from the Lake Erie marshes.

Six jaegers were reported.

Seven warbler species lingered into winter.

The cover photo was of a Western Tanager in Grandview Heights, *Franklin*, and was noted as part of an invasion with at least 20 seen throughout the northeastern U.S. and Canada.

25 years ago, the Winter 1991–92 Ohio Cardinal, Vol. 15 No. 2 (Rob Harlan, Editor) contained these items:

Dec was unusually warm.

There were 62 CBCs.

A Yellow-crowned Night-Heron was in Lake in Jan.

Double-crested Cormorant "has become an expected winter sight at L. Erie hot water outlets..."

Fairport Harbor, Lake, hosted 540 Great Black-backed Gulls on 01 Feb.

Loggerhead Shrikes were in Adams and Brown.

Re Northern Mockingbirds: "At least 10 were seen into December in the n.e. counties..."

A Black-throated Gray Warbler spent 25 Nov to at least 16 Feb at a Brown feeder.

A Yellow-throated Warbler spent from Jan into Mar in *Holmes*.

Five other warbler species were present.

A Green-tailed Towhee was documented in Lorain.

35 years ago, the Ohio Cardinal did not publish a Fall 1981 issue.

50 years ago, The Cleveland Bird Calendar of Winter 1966, Vol. 62, No. 2 (Donald Newman, Editor), included these items:

One King Eider visited.

The Lorain-Elyria CBC on 26 Dec tallied 79,000 Ring-billed Gulls, 14,600 Herring Gulls, and 3700 Bonaparte's Gulls at Lorain (city) harbor.

An adult and an immature Bald Eagle were spotted at Lake Rockwell, *Portage*, from 28 Nov to 01 Dec.

Three Ruffed Grouse were at the Aurora Sanctuary, *Portage*, on 29 Jan.

Seven Northern Mockingbirds were reported in the Cleveland area.

A Baltimore Oriole spent 30 Dec to 14 Jan in Willoughby Hills, Lake.

100 years ago, The Cleveland Bird Calendar 1917 Bulletin No. 1 (Francis H. Herrick, Editor), contained these items:

A flicker seen in Cleveland was "possibly resident, here for winter".

American Crows were "first seen in early February".

Blue Jays were "occasional in winter".

Juncos were "seldom reported".

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Welcoming backyard birdwatchers and researchers in the field alike, the Ohio Ornithological Society is the largest statewide organization specifically devoted to fostering a deeper appreciation of wild birds, fellowship and collaboration in advancing our collective knowledge about them, and our ability to speak with one voice to preserve Ohio's bird habitats.

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The Counties of Ohio



This White-winged Scoter at Prairie Oaks MP, **Franklin**, seemed to enjoy having its photo taken. Dave Liggett captured this shot on 19 Jan.

Instructions for Contributors

The Ohio Cardinal would not exist without contributions from Ohio birders. We solicit sightings, notes on unusual observations, in-depth scientific articles, historical accounts, essays, artwork, and photographs related to Ohio and its birdlife.

Reports of bird sightings for each seasion are requested and should be submitted directly, by email or postal mail to:

Craig Caldwell, 1270 W. Melrose Dr., Westlake, OH 44145 Cardinal@ohiobirds.org

Send digital photo files or links to Christopher Collins: chris.collins@ohiobirds.org

Deadlines are as follows:

Winter (Dec, Jan, Feb) - 21 March **Spring** (Mar, Apr, May) - 21 June **Summer** (Jun, Jul) - 21 August

Fall (Aug, Sep, Oct, Nov) - 21 December



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