wetland matters

OXBOW, INC. NEWSLETTER

P.O. BOX 43391 CINCINNATI, OHIO 45243

Number 54 , July-August 1995 Birdathon Thank Yous

Oxbow, Inc. is grateful to many people and organizations who contributed to Birdathon '95 and put in the work necessary to make it an enjoyable experience for the participants. We thank them all.

The Hamilton County Park District donated the use of their Farbach-Werner facility for the Birdathon tally. Any place out of the rain would have satisfied the birders Saturday evening, but this facility provided the perfect atmosphere for the tally — and all the necessary amenities. LaRosa's Pizza donated pizza to feed the masses. Can you imagine how much pizza a hall full of hungry birders can eat after 24 hours of subsisting on water, crackers and carrot sticks? This was the fourth year that LaRosa's came through with pizza aplenty for Birdathon.

With respect to these generous corporate sponsors, Oxbow members should think politically. When you buy pizza, consider LaRosa's — and thank them for donating to Oxbow's Birdathon. They've been very generous over the years. The H.C.P.D. benefits from public participation — purchase their motor vehicle permit, patronize their parks and shops (they have good prices on good quality bird food, for example), and attend their programs (many of them are fascinating and appeal to the interests of Oxbow members). You can volunteer to help HPCD. In fact such an opportunity is mentioned in the CALENDAR section of this newsletter.

Fritz Haas designed the Birdathon '95 T-shirt. It was an immediate hit with the many Oxbow members who have been so worried about the effects that riverboat gambling and billboards will have on the Oxbow area. If you haven't yet seen the design, simply frequent the birding hot-spots in the area and you're sure to encounter someone wearing the shirt. As an alternative, attend an Oxbow meeting — there are still a few shirts (L and XL) available for \$10.00.

Ken Fulmer, Connie McNamee, Greg Mendell, and Anita Buck helped at the tally. They set up before the birders arrived, fetched the food and drink, and then cleaned up after most people were long gone. Greg and Connie were responsible for the efficient distribution of the T-shirts and for the collecting and reviewing the birder's lists at the tally.

Norma L. Flannery and Paul X. Hellmann served as announcers and hosts at the tally.

Finally, Oxbow thanks the **Countless Donors** and **Dedicated Birders** who pledged money and collected pledges for Birdathon '95. With the many threats to the Oxbow area, and wetlands in general, Oxbow will put to good use the funds that their generosity and enthusiasm have raised.

Posting Oxbow Land

The Board voted recently to post Oxbow's land with NO TRESPASSING signs advising people that no trespassing, hunting, fishing, digging, or dumping is allowed on Oxbow-owned land. Some members were concerned that this action represented an "anti-hunting" policy by the board. This is not the case. Oxbow's long-term land use plan for the area (see accompanying article) calls for the traditional uses of the floodplain (including farming, hunting and fishing) to continue.

Posting is necessary because some people are abusing Oxbow's land. They hunt and trap without permission. They dump trash, damage farm roads and drive cars through the farmers' crops. In order to enlist the aid of law enforcement officials in ending these unauthorized activities, we must post the land. Wildlife officers can patrol and chase off unauthorized visitors only if the land is posted and a public notice is published in the local papers. They will apprehend offenders only if an Oxbow board member is present to sign a complaint.

Once these technicalities of posting have been seen to, Oxbow will ask appropriate officials to begin watching the land.

Does this mean Oxbow members will no longer be able to visit the land they've helped protect? Of course not! Traditionally, visitors making respectful use of the area have not been asked to leave. This will not change because the land has been posted. (You can be certain that wildlife officers and police have more important things to do than chase birdwatchers or people out for a law-abiding afternoon stroll.) Moreover, the Oxbow Board voted that all Oxbow members are considered to have permission to visit the land.

Still, in visiting the area, we must be certain to respect the rights of Oxbow's neighbors and those farming the area. That means going on foot and staying out of the fields. The best way to visit the area is with one of the monthly field trips that Oxbow runs.

Field Notes Morris Mercer

The month of May came to an end as one of the wettest Mays on record. Both the Ohio and Great Miami flooded this May. On the 17th I watched the Miami running wild as I stood by the new road to Lost Bridge. The water was out over the banks and carrying drift into the fields. The cry of gulls turned my attention from the river and I began to notice the wildlife around me. In the distance there were flocks of shorebirds, but they were too far for me to name. As I watched them, another flock flew in toward me, turned hard to the left in perfect unison. They looped around and landed on the run: nine black-bellied plover in spring plumage.

The next day I spent giving talks about the Oxbow at a school. This was fine with me since it rained most of the day. I was up with the sun on the morning of the 19th. Once again I stood on the road looking toward Lost Bridge. It was a beautiful spring day with a deep blue sky. The willows and cottonwoods were a clean green after all the rain. With the temperature around 50, the light breeze felt good.

There was a feeling of being at the sea shore. An endless line of gulls flew along the flooded Miami. Black terns darted, wheeled and turned above the water. A caspian and two common terns rested on a large floating log. Before me about 250 yards of the new road was under water — it looked more like a low-level dam than a road with water boiling over its down-river edge. I listened to a flight of geese behind me as I watched a flock of shorebirds flying low over the flooded fields

My next stop was the underpass of I-275 over-looking Cemetery Lake, the Action Airpark and the floodplain of the Great Miami. It was easy to see why it's called a floodplain. Only the tops of a couple cars, the wing tips of a couple aircraft, and the top of a tent were visible above the water. Double-crested cormorants flew by as if in salute. I moved on for a quick look at the Oxbow and then headed for home, making plans to return and watch the sunset.

A fter a fine supper Jim Simpson and I made our way back to the road to Lost Bridge. Many of the birds I'd seen were there, plus many I hadn't. The light was better on the high ground, the ground the shorebirds had found to their liking. The breeze was soft and refreshing. Then evening seemed peaceful and free with its lengthening shadows, the cries of the gulls, and the swallows dipping over the water.

There were mallards, blue-winged teal, wood duck, great blue heron and double-crested cormorants. We saw black-bellied plover, a flock of dunlin (we guessed about 200). There were a half dozen ruddy turnstone in beautiful spring plumage. The 60 semi-palmated plover looked nearly white in the evening sun. Both greater and lesser yellowlegs were present. The day was fading fast, but we made another stop to view the floodplain from the railroad grade. We had forgotten how big the leaves would be on the trees along the railroad since usually there aren't many leaves when the area is flooded. Our view was blocked, but we did see deer and rabbits that had come to the railroad for high ground.

Saturday morning we were on our way early. The water was off the road to Lost Bridge. Most of the shorebirds we'd seen the day before were gone. Although the Miami was falling, the Ohio was approaching 49 feet. At our next stop, at Cemetery Lake, the water was still rising at the Air Park. The only thing you could learn from the windsock was which way the water was flowing. There are questions as to what is and what isn't a wetland, but today I could definitely say the floodplain was wet.

We drove on to the Oxbow, but couldn't even get close. Before we reached the Y in the road, we'd already reached the water's edge. We saw a few great egrets and several other white birds in the cottonwoods along the beaver pond. On investigation, we were surprised to learn that these other birds were cattle egrets.

A few days later, Dave Styer led an Oxbow field trip into the area and saw an adult bald eagle. The next day I saw 3 snowy egrets. (They were wearing their yellow sneakers.) I though of what Forrest Gump's momma might have said, "The Oxbow area is like a box of chocolates, you never know what you're going to get." Or what you're going to see.

I wonder why I feel the Oxbow is so much more beautiful than the light, glitter, and glitz the "Money Changers" want to bring to the area?

Morris

Calendar

Meetings

July 11 (Tuesday) 7:30 P.M. Oxbow meeting at the Cincinnati Zoo Education Building. (Enter through the exit gate on Erkenbrecher Avenue.)

Joe Schomaker will speak at the next two Oxbow meetings. His subject will be the cultural resources of the region and ongoing resource preservation projects in the Tri-State area. This is a subject of great importance and one on which many Oxbow members are not well informed. Oxbow, Inc. is very concerned about protecting the cultural resources of the Great Miami floodplain.

Joe works for FERMCO and is responsible for managing cultural resources on the Fernald site.

July 27 (Thursday) 7:30 P.M. Slide presentation at the Lawrenceburg Public Library. (From Cincinnati, Turn left off U.S. 50 onto Walnut Street. Turn right on High Street. The Library is on the right side of High Street.)

As part of the ongoing series of programs from the Cincinnati Color Slide Club, Elvin Blasdel will present "The Best of the Smokies in 50 Years." The public is invited. An offering will be taken to benefit the Dearborn County Adult Center.

August 8 (Tuesday) 7:30 P.M. Oxbow meeting at the Lawrenceburg Public Library

Please see the July 11th program above. Joe will offer a similar program for Lawrenceburg members.

Field Trips

July 24 (Monday) 7 P.M. Oxbow field trip.

Ned Keller will lead this evening walk into the Oxbow area. He'll be searching for birds and other wildlife. Expect good numbers of shorebirds and swallows. Meet Ned at 50's Root Beer. For more information, call him at (513)-941-6497.

August 26 (Saturday) 8 A.M. Oxbow field trip.

Meet Steve Wagner at the Shawnee Lookout boat ramp to tour the area looking for resident wildlife. You'll need a H.C.P.D. motor vehicle permit.

Volunteer

8 July (Saturday) 9:00 AM to 12:00 Noon. Boat Ramp Cleanup, Shawnee Lookout Park.

Employees of FERMCO (Fernald Environmental Restoration Management Corporation) and the Hamilton County Park District will clean up trash around the Shawnee Lookout boat ramp. Members of Oxbow, Inc. are invited to participate.

If you'd like to help, show up at the boat ramp at 9:00. Gloves and garbage bags will be provided, as well as refreshments.

Because of the closeness to the water, park rangers have asked that no children under age 10 accompany volunteers.

For more information, call Meghan Farley at 648-4222.

NEW FROM WILLOW PRESS AUGUST, 1995

A BIRDER'S GUIDE TO THE CINCINNATI TRISTATE

SECOND EDITION

BY ROBERT FOLZENLOGEN

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Oxbow Tributes

David Styer —Thank You

Cincinnati Retired Firemen's League

Oxbow, Inc. has established Memorials in honor of those who have passed on. Each Memorial, established in the name of a friend or loved one, will be enrolled permanently in the records of the Corporation. Each contribution to a Memorial will be acknowledged to the family or to those selected by the donor. Contributions should be sent to Oxbow, Inc., P.O. Box 43391, Cincinnati, Ohio, 45243-0391. Be sure to enclose the names and addresses of those to receive the acknowledgment.

Land Use Plan

In 1986, after realizing that it actually would have some success at acquiring land, Oxbow, Inc. realized also that it was important to agree in advance on some principles and tentative details of how the flood plain land should be used. Board member David Styer drafted a land use plan for the area after consulting with regional land managers and with many local users of the flood plain. The U.S. Army Corps of Engineers commented favorably on the plan, and the Oxbow Board voted to approve it in February 1987.

A Proposal for Land Use for the flood plains at the mouth of the Great Miami River by David Styer

The more we become stewards of the land, the more important it is to have a rational and coherent plan for land use. Without such a plan we would likely become confused and divided. That would sap our strength and make Oxbow, Inc. ineffective. Map 1 shows the floodplain under consideration. In the following paragraphs we present a land use plan.

Since one of our primary goals is to preserve the area as a staging ground for waterfowl, it is of utmost importance that corn continue to be raised. The leftover grain feeds waterfowl at all stages of the Ohio River. If the area were to revert to woods it would lose both its food source and the open water habitat that have made the Oxbow the greatest waterfowl staging area regionally.

While corn is being raised the area cannot reach its potential unless some portions are set aside for breeding. There are right now some rather isolated wet areas that are not farmed. We recommend that these areas be closed to human traffic during waterbird breeding season (1 April to 31 July) to provide undisturbed opportunities for breeding. Map 2 shows the areas that should continue to be farmed and areas that should be set aside as refugea for breeding birds.

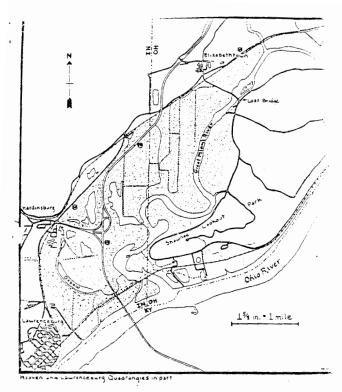
Map 3 shows recommended "No Fishing" areas. Most of these areas are within our recommended breeding areas in which there is no fishing now anyway. Currently the most fished area suggested for exclusion is the I-275 borrow pit outside the I-275 loop. Year after year farmers post this area because entrance is so often detrimental to farming. Closure of the "lower" half of the Oxbow lake, the Old Bed, would allow breeding birds to feed and waterfowl to rest undisturbed. In reality, over 90% is presently done at the other end.

Waterfowl hunting has always been an important part of the river bottoms. Any exclusion here would cause controversy. However <u>no</u> exclusion would be indefensible in a well rounded land use plan. The two main reasons to have an area excluded from waterfowl hunting are the following: First, if there is a refugeum, there will be more waterfowl in the area. Second, there are many non-hunters who would enjoy seeing waterfowl during hunting season. This plan is similar to that of the national wildlife refuges, which have been exceedingly successful.

Map 4 shows a proposed refugeum. Here are the reasons for its choice:

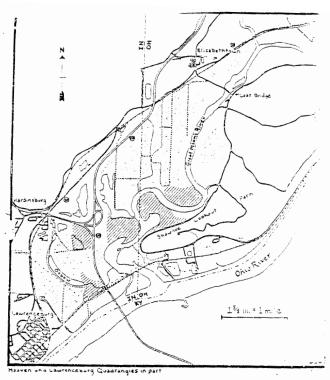
It is simply and clearly cut off from the rest of the region by I-275 and the C & O Railroad. It has sufficient area to maintain fishing, birdwatching, and a refuge for waterfowl. It does not exclude waterfowl hunting in Indiana or Ohio.

These plans cannot be set with great permanence. They must change as the river itself changes. Nonetheless, it is important to have plans based on sound reasons that do have permanence.

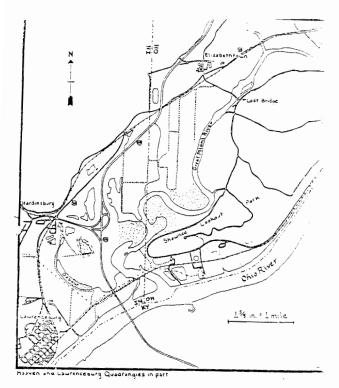


MAP 1 - The floodplain (stippled)

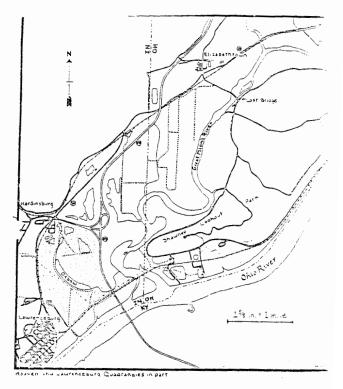
Oxbow, Inc.



MAP 2 - Farming (stippled)
- Breeding bird refugea (striped)
Oxbow, Inc.



MAP 3 - No fishing areas (stippled)
Oxbow, Inc.



MAP 4 - No hunting area (stippled)
Oxbow, Inc.

BIRDATHON RESULTS

This year's competition resulted in a tie for first place, although this fact wasn't discovered until several hours after the Birdathon tally. The Cincinnati Bird Club's team (Birds R Us) handed in a tally of 147, while one of Oxbow's teams (the No See 'Ums) reported a total of 145. No See 'Ums leader, Dave Styer, realized late in the evening that they had forgotten to check off two birds that they had actually seen. These birds, White-rumped Sandpiper and Bufflehead, brought their total to 147. When Dave brought this correction to the attention of the Bird Club team, they suggested, with characteristic sportsmanship and generosity, that the missing birds should be added to the No See 'Ums' list and the two teams be declared tied for first place.

Oxbow's other teams also fared well. Joe Bens and Paul Wharton (The Fire and Brimstone Birder's Guild) came up with a total of 143, while the "Geriatric Gents and a Junior", organized by Karl Maslowski, and including George Laycock, Jerry Meyer, and John Oney found 96 species.

Another tie was for the most birds found by a team in a single county. The "Bush Thrashers" and the "Finneytown Fabulous Flying Fortune Seekers" both brought in a total of 103 for Hamilton County.

First-time Birdathon participant Bill Buskirk produced a total of 104 to take the one-county award for individuals. Bill actually found an impressive 116 species on his own in Franklin County, Indiana. According to Birdathon rules, his total was reduced by 12 species because he was 12 minutes late to the tally. He thus has the distinction of being the first birder in Birdathon history to lose birds under this rule. And he still won in his category!

At \$7.00 per bird, Jon Seymour again won the prize for the most pledges raised per species.

Below is a listing of the teams, their members, and their totals, together with an indication of the award won by the team. Note that some teams were "non-competing" and therefore not in contention for a trophy. We congratulate all the participants on a job well done and thank each of them for their efforts on behalf of Oxbow, Inc.

- 1. "Birds R Us" 147 (GOLDEN STARLING) Jeff Hays, Ned Keller, Jay Stenger, Alan Walls
- 2. "No See 'Ums" 147 (GOLDEN STARLING) Joanne Olman(driver), Steve Pelikan, Charlie Saunders, Dave Styer
- 3. "Fire and Brimstone Birder's Guild" 143 Joe Bens, Paul Wharton

- 4. "Thrush Flushers CNC Team A" 119 Jim Berry, David Brinkman, Jon Seymour
- 5. "Bluegrass Buteos" 114
 Joe Caminiti, Kathy Caminiti, Lee McNeely, Tommy
 Stephens
- 6. Dave Dister 113
- 7. "Cincinnati Nature Center Team B" 110 Jim Black, Bill Creasy, Don Kreisman, Jim Reid, Steve Sands
- 8. Bill Buskirk 104 (SOLO ONE COUNTY AWARD Franklin, IN)
- 9. "Bush Thrashers" 103 (ONE COUNTY AWARD Hamilton, OH)
 Carol Mundy, Jim Mundy
- 10. "Finneytown Fabulous Flying Fortune Seekers"103 (ONE COUNTY AWARD Hamilton, OH)Erich Baumgardner, Jerry Lippert
- Cincinnati Zoo Junior Zoologists 100 (FEAR-SOME FLEDGLING AWARD)
 Casey Cooper-Fenske, Kevin Cooper-Fenske, Stan Rullman, Siri Sell, Chris Wicks
- 12. "Geriatric Gents and a Junior" 96 George Laycock, Karl Maslowski, Jerry Meyer, John Ohne
- 13. Ross Road Runners 94 Holly Daltabuit, José Daltabuit
- 14. "Eagle Eyes" 88Sister Marty Dermody, Teddy Mechley
- 15. "Deaf as a Post" 79 Erick Armstrong, Hank Armstrong
- 16. Northwest High School Wildlife Club 75 Dan Jared, Tony King, John Meyer, Shawn Morneau, Randy Vayo, Chris Wheat, David Wheat.
- 17. Bill Bocklage 70
- 18. Gilmore Ponds 69
- 19. Birdus Eludeus 59 Barb Eckles, John Eckles

(Member's names for some teams were unavailable, and will be published later.)

The number of teams reporting each species is shown unless this number is smaller than 3. Then the numbers of the teams (see list of teams) Reporting the species are given.

Common Loon	9
Grebe, Pied-billed	. //
Horned	· ·
Double-crested Cormorant	12.
Bittern, American	#9
Least Great Blue Heron	10
Egret, Great	47,4
Little Blue Heron	<u> </u>
Cattle Egret	
Green-backed Heron	77
Night-Heron, Black-crowned	4
Yellow-crowned	
Swan, Tundra	
Mute	3
Goose, Gtr White-fronted Snow	1/3
Canada	# 7
Wood Duck	19
Green-winged Teal	,,,
American Black Duck	
Mallard	19
Northern Pintail	
Blue-winged Teal	
Northern Shoveller Gadwall	
American Widgeon	
Canvasback	
Redhead	
Ring-necked Duck	#1,6
Scaup, Greater	′.3
Lesser	5
Oldsquaw	
Scoter, Black Surf	
White-winged	
Common Goldeneye	
Bufflehead	4
Merganser, Hooded	/
Common	
Red-breasted Ruddy Duck	5
Vulture, Black	#/
Turkey	17
Osprey	17
Bald Eagle	
Northern Harrier	
Hawk, Sharp-shinned	#511
Cooper's	7
Red-shouldered	5
Hawk, Broad-winged Red-tailed	#5,10
Rough-legged	1+
American Kestrel	18
Peregrine Falcon	1 -
Ring-necked Pheasant	
Ruffed Grouse	
Wild Turkey	4
Northern Bobwhite	7 16
Virginia Rail Sora	7
Common Moorhen	4
American Coot	/ /3
Sandhill Crane	
Plover, Black-bellied	
Lesser Golden	L
Semipalmated Willdeen	8
Killdeer American Avocet	19
	1

	4
Yellowlegs, Greater	5
Lesser	7
Solitary Sandpiper	10
Willet Sandpiper Spotted	#/6
Sandpiper, Spotted Upland	13
Ruddy Turnstone	
Sanderling	
Sandpiper, Semipalmated	8
Western Least	#7 10
White-rumped	# 2,3
Baird's	
Pectoral	3
Dunlin Sandpiper, Stilt	4
Buff-breasted	
Dowitcher, Short-billed	
Long-billed	
Common Snipe	3
American Woodcock Phalarope, Wilson's	T
Gull. Bonaparte's	#1
Ring-billed	9
Herring	\$1,2
Tern, Caspian Common	#/2
Forster's	# 1
Biack	7
Dove, Rock	19
Mourning Cuckoo, Black-billed	19
Yellow-billed	16
Owl, Barn	140
Eastern Screech	3
Eastern Screech Great Horned	3
Eastern Screech Great Horned Barred	3 12 12
Eastern Screech Great Horned	
Eastern Screech Great Horned Barred Long-eared Short-eared Northern Saw-whet	
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Eastern Screech Great Horned Barred Long-eared Short-eared Northern Saw-whet Common Nighthawk Chuck-will's-widow Whip-poor-will Chimney Swift Ruby-thrtd Hummingbird Belted Kingfisher Woodpecker, Red-headed Red-bellied Yellow-bellied Sapsucker Woodpecker, Downy Hairy Northern Flicker Pileated Woodpecker	12 3 7 18 12 13 9 19 18 7 18 18 18 18 16 46 42
Eastern Screech Great Horned Barred Long-eared Short-eared Northern Saw-whet Common Nighthawk Chuck-will's-widow Whip-poor-will Chimney Swift Ruby-thrtd Hummingbird Belted Kingfisher Woodpecker, Red-headed Red-bellied Yellow-bellied Sapsucker Woodpecker, Downy Hairy Northern Flicker Pileated Woodpecker Olive-sided Flycatcher Eastern Wood-pewee Flycatcher, Yellow-bellied Acadian	12 3 7 18 12 13 9 19 18 18 18 18 18 18
Eastern Screech Great Horned Barred Long-eared Short-eared Northern Saw-whet Common Nighthawk Chuck-will's-widow Whip-poor-will Chimney Switt Ruby-thrtd Hummingbird Belted Kingfisher Woodpecker, Red-headed Red-bellied Yellow-bellied Sapsucker Woodpecker, Downy Hairy Northern Flicker Pileated Woodpecker Olive-sided Flycatcher Eastern Wood-pewee Flycatcher, Yellow-bellied Acadian Alder	12 3 7 18 12 13 9 19 18 7 18 18 18 18 16 46 42
Eastern Screech Great Horned Barred Long-eared Short-eared Northern Saw-whet Common Nighthawk Chuck-will's-widow Whip-poor-will Chimney Swift Ruby-thrtd Hummingbird Belted Kingfisher Woodpecker, Red-headed Red-bellied Yellow-bellied Sapsucker Woodpecker, Downy Hairy Northern Flicker Pileated Woodpecker Olive-sided Flycatcher Eastern Wood-pewee Flycatcher, Yellow-bellied Acadian	12 3 7 18 12 13 9 19 18 7 18 18 18 14 16 42 15
Eastern Screech Great Horned Barred Long-eared Short-eared Northern Saw-whet Common Nighthawk Chuck-will's-widow Whip-poor-will Chimney Switt Ruby-thrtd Hummingbird Belted Kingfisher Woodpecker, Red-headed Red-bellied Yellow-bellied Sapsucker Woodpecker, Downy Hairy Northern Flicker Pileated Woodpecker Olive-sided Flycatcher Eastern Wood-pewee Flycatcher, Yellow-bellied Acadian Alder Willow	12 3 7 18 12 13 9 19 18 7 18 18 18 18 16 46 42
Eastern Screech Great Horned Barred Long-eared Short-eared Northern Saw-whet Common Nighthawk Chuck-will's-widow Whip-poor-will Chimney Switt Ruby-thrtd Hummingbird Belted Kingfisher Woodpecker, Red-headed Red-bellied Yellow-bellied Sapsucker Woodpecker, Downy Hairy Northern Flicker Pileated Woodpecker Olive-sided Flycatcher Eastern Wood-pewee Flycatcher, Yellow-bellied Acadian Alder Willow Least Eastern Phoebe Great-crested Flycatcher	12 3 7 18 12 13 9 19 18 7 18 18 18 14 16 42 15
Eastern Screech Great Horned Barred Long-eared Short-eared Northern Saw-whet Common Nighthawk Chuck-will's-widow Whip-poor-will Chimney Swift Ruby-thrtd Hummingbird Belted Kingfisher Woodpecker, Red-headed Red-bellied Yellow-bellied Sapsucker Woodpecker, Downy Hairy Northern Flicker Pileated Woodpecker Olive-sided Flycatcher Eastern Wood-pewee Flycatcher, Yellow-bellied Acadian Alder Willow Least Eastern Phoebe Great-crested Flycatcher Eastern Phoebe	12 3 7 18 12 13 9 19 18 7 18 18 18 18 18 18 18 18 18 18
Eastern Screech Great Horned Barred Long-eared Short-eared Northern Saw-whet Common Nighthawk Chuck-will's-widow Whip-poor-will Chimney Swift Ruby-thrtd Hummingbird Belted Kingfisher Woodpecker, Red-headed Red-bellied Yellow-bellied Sapsucker Woodpecker, Downy Hairy Northern Flicker Pileated Woodpecker Olive-sided Flycatcher Eastern Wood-pewee Flycatcher, Yellow-bellied Acadian Alder Willow Least Eastern Phoebe Great-crested Flycatcher Eastern Kingbird Horned Lark	12 3 7 18 12 13 9 19 18 7 18 18 18 18 18 18 18 18 18 18
Eastern Screech Great Horned Barred Long-eared Short-eared Northern Saw-whet Common Nighthawk Chuck-will's-widow Whip-poor-will Chimney Swift Ruby-thrtd Hummingbird Belted Kingfisher Woodpecker, Red-headed Red-bellied Yellow-bellied Sapsucker Woodpecker, Downy Hairy Northern Flicker Pileated Woodpecker Olive-sided Flycatcher Eastern Wood-pewee Flycatcher, Yellow-bellied Acadian Alder Willow Least Eastern Phoebe Great-crested Flycatcher Eastern Phoebe	12 3 7 18 12 13 9 19 18 18 18 18 16 #2 15 15 15 17 19
Eastern Screech Great Horned Barred Long-eared Short-eared Northern Saw-whet Common Nighthawk Chuck-will's-widow Whip-poor-will Chimney Swift Ruby-thrtd Hummingbird Belted Kingfisher Woodpecker, Red-headed Red-bellied Yellow-bellied Sapsucker Woodpecker, Downy Hairy Northern Flicker Pileated Woodpecker Olive-sided Flycatcher Eastern Wood-pewee Flycatcher, Yellow-bellied Acadian Alder Willow Least Eastern Phoebe Great-crested Flycatcher Eastern Kingbird Horned Lark Purple Martin Swallow, Tree Northern Rough-winged	12 3 7 18 12 13 9 19 18 7 18 18 18 18 18 18 18 18 18 18
Eastern Screech Great Horned Barred Long-eared Short-eared Northern Saw-whet Common Nighthawk Chuck-will's-widow Whip-poor-will Chimney Swift Ruby-thrtd Hummingbird Belted Kingfisher Woodpecker, Red-headed Red-bellied Yellow-bellied Sapsucker Woodpecker, Downy Hairy Northern Flicker Pileated Woodpecker Olive-sided Flycatcher Eastern Wood-pewee Flycatcher, Yellow-bellied Acadian Alder Willow Least Eastern Phoebe Great-crested Flycatcher Eastern Kingbird Horned Lark Purple Martin Swallow, Tree	12 3 7 18 12 13 9 19 18 18 18 18 18 16 #2 15 15 15 17 19

Barn Swallow	19
Blue Jay	19
American Crow	19
Carolina Chickadee	19
Tufted Titmouse	19
Nuthatch, Red-breasted	'
White-breasted	18
Brown Creeper	
Wren, Carolina	16
House	18
Winter	
Marsh	4
Kinglet, Golden-crowned	,
Ruby-crowned	4
Blue-gray Gnatcatcher	17
Eastern Bluebird	18
Veery	12
Thrush, Gray-cheeked	7
Swainson's	18
Hermit	3
Wood Thrush	18
American Robin	19
Gray Cathird	19
Mockingbird	18
Brown Thrasher	15
American Pipit	
Cedar Waxwing	9
Loggerhead Shrike	
European Starling	19
Vireo, White-eyed	/3
Bell's	
Solitary	#1,14
Yellow-throated	14
Warbling	17
Philadelphia	3
Red-eyed	16
Warbler, Blue-winged	9
Golden-winged	
Tennessee	15
Orange-crowned	
Nashville	8
Northern Parula	1/
Warbler, Yellow	19
Chestnut-sided	12
Magnolia	10
Cape May	7
Black-throated Blue	4
Yellow-rumped	15
Black-throated Green	8
Blackburnian	7
Yellow-throated	12
Pine	#1/3
• • • • • • • • •	. 0
Prairie	7
Palm	#2,3
Palm Bay-breasted	15
Palm Bay-breasted Blackpoll	15
Palm Bay-breasted Blackpoll Cerulean	15
Palm Bay-breasted Blackpoll Cerulean Black-and-white	15' 13
Palm Bay-breasted Blackpoll Cerulean Black-and-white American Redstart	15
Palm Bay-breasted Blackpoll Cerulean Black-and-white American Redstart Warbler, Prothonotary	15 13 13 10 14
Palm Bay-breasted Blackpoll Cerulean Black-and-white American Redstart Warbler, Prothonotary Worm-eating	15° 13 13 10 114 12 3
Palm Bay-breasted Blackpoll Cerulean Black-and-white American Redstart Warbler, Prothonotary Worm-eating Ovenbird	15' 13 13 10 114 12 3 12
Palm Bay-breasted Blackpoll Cerulean Black-and-white American Redstart Warbler, Prothonotary Worm-eating Ovenbird Waterthrush, Northern	15' 13 13 10 114 12 3 12 5
Palm Bay-breasted Blackpoll Cerulean Black-and-white American Redstart Warbler, Prothonotary Worm-eating Ovenbird Waterthrush, Northern Louisiana	15° 13 13 10 114 12 3 12 5 11
Palm Bay-breasted Blackpoll Cerulean Black-and-white American Redstart Warbler, Prothonotary Worm-eating Ovenbird Waterthrush, Northern Louisiana Warbler, Kentucky	15° 13 13 10 14 12 2 7 7 17
Palm Bay-breasted Blackpoll Cerulean Black-and-white American Redstart Warbler, Prothonotary Worm-eating Ovenbird Waterthrush, Northern Louisiana Warbler, Kentucky Connecticut	15° 13 13 10 114 12 3 12 5 11
Palm Bay-breasted Blackpoll Cerulean Black-and-white American Redstart Warbler, Prothonotary Worm-eating Ovenbird Waterthrush, Northern Louisiana Warbler, Kentucky Connecticut Mourning	15° 13 13 10 14 12 2 7 7 17
Palm Bay-breasted Blackpoll Cerulean Black-and-white American Redstart Warbler, Prothonotary Worm-eating Ovenbird Waterthrush, Northern Louisiana Warbler, Kentucky Connecticut	15° 13 13 10 14 12 2 7 7 17

Warbler, Wilson's	4
Canada	1 5
Yellow-breasted Chat	14
Tanager, Summer	12
Scarlet	160
Northern Cardinal	19
Grosbeak, Rose-breasted	13
Blue	#6
Indigo Bunting	19
Dickcissel	4
Rufous-sided Towhee	18
Sparrow, American Tree	1
Chipping	17
Field	17
Vesper	#1,7
Lark	1
Savannah	7
Sparrow, Grasshopper	6
Henslow's	H/
Fox	
Song	18
Sparrow, Lincoln's .	
Swamp	41,3
White-throated	4
White-crowned	9
Dark-eyed Junco	
Longspur, Lapland	1
Snow Bunting	
Bobolink	7
Red-winged Blackbird	19
Meadowlark, Eastern	18
Blackbird, Rusty	
Common Grackle	19
Brown-headed Cowbird	/9
Oriole, Orchard	16
Northern	19
Finch, Purple	#15/19
House	18
Pine Siskin	
American Goldfinch	19
Evening Grosbeak	
House Sparrow	19
white Pelican	H 4

A total & 183 species reportal.

Oxbow, Inc.

A nonprofit organization formed by conservation groups and concerned citizens of Ohio and Indiana for the purpose of preserving and protecting a wetlands area known locally as the Oxbow, Hardintown, or Horseshoe Bottoms, from industrial development and to preserve the existing agricultural floodplain at the confluence of the Great Miami and Ohio rivers for use as a staging area for the seasonal migrations of waterfowl. This is an agricultural area rich in geological, archaeological, and anthropological history.

Help us save this unique wetland. You can make your state a richer place in which to live by helping us preserve this precious resource. Membership in Oxbow, Inc. is encouraged and solicited.

Individual	\$10	Family	\$15
Contributing	\$25	Supporting	\$50
Patron	\$100	Cornerstone	\$250
Sponsor	\$500	Benefactor	\$1000
Organization/C	lub	\$25	

mail to: Oxbow, Inc.

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