

The Tanager



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President's Annual Report 2019

By Marigrace Piazza

I am pleased to say that 2019 has been a good year for our Club. The Council has targeted some new initiatives as well as continuing to follow through on important initiatives from 2018.

Our Club is unique because, unlike other nature clubs in the area, we have property to maintain. Not only do we sponsor a year-round offering of programs, we have to make sure that the heart of our Club, our beautiful Sanctuary and Clubhouse, are kept up.

It has been my mission to implement goals that maintain the soundness of our property. I have also strived to attract new groups and affiliations to the Club that will help to keep us relevant and thriving. It is also important to maintain the traditions that foster the spirit of community that has been a part of BANC for over 100 years.

In 2018 the Council identified a list of long-term and short-term maintenance projects that were needed to keep the Clubhouse and property in good condition.

This list has been updated throughout 2019 and has been useful when discussing long- and short-term budget needs as well as helping us to prioritize and keep on top of the work list.

We have accomplished many large and small projects in 2019. In June we had the ribbon cutting ceremony for our renovated boardwalk that skirts the Woodland and Spruce Trail. This project was completed by Jared Spangenberg, who was awarded the

honor of Eagle Scout due to his successful completion of this boardwalk.

We have installed new trail signs throughout the property to help members and visitors navigate the trails. In a few days we will have new gutters installed on the Clubhouse and by the end of the year we will have five trees cut down that are a potential danger to members and property.

In October and November members and volunteers contributed time, expertise, and muscle power as we renewed our efforts to remove invasive privet on our property. During this habitat restoration project we successfully cleared a large area of privet near Keller's Knoll and the Burroughs Trail heading to the creek.

The boardwalk project and the privet pulling would not have been accomplished without our efforts to form affiliations with like-minded organizations. The boardwalk was completed under the leadership of Jared, but his troop was actively involved by providing many hours of labor to support him. The Council has recently interviewed another scout who will be renovating the Aspen Trail for us next year.

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(President's column - continued from page 1)

I am especially excited about our new affiliation with the Montezuma Audubon Center and its director, Chris Lajewski. He has been a tremendous help already with our habitat restoration work providing us with his expertise, time and the use of his efficient honeysuckle poppers. We are looking forward to his continued help and hope to utilize the resources of Montezuma Audubon Center for more habitat work, educational resources for children and ways to attract and mobilize members.

The Program Committee has planned many varied and interesting events for 2020. This past year we offered some unique programs that were open to the public in the hopes of making more people aware of our special property. The Finger Lakes Forest Therapy walk and the Plein Air painters pot luck were well attended, and the visitors were quite impressed with our Sanctuary hidden in plain sight on the border of Victor and Pittsford.

We continue to search for ways to bring children to our Club. Family Nature Night has been a popular event for several years attracting many families and young children. This coming year we will introduce Open House Family Sundays each month from May through October. We will sponsor the Navigator Scout troop again in 2020 and hope to see them at many of our events. We are working with an organization called Earthworks that provides nature-based programming to children. Earthworks should be bringing school groups to our property this spring. The Victor Recreation Department has brought a group of campers to BANC for an afternoon for two years in a row. The affiliation with the Boy Scout troops has been a wonderful way to bring teenagers to the Club. We have a plant id project in the works with some Girl Scouts that should take place next year. The Victor Key Club service organization has sent us several Victor school teens for several years to help us during workdays. They were especially helpful during our habitat restoration work in October.

BANC is an organization that relies on volunteers. There are so many people who have helped to contribute to the success of the initiatives mentioned in this report.

However, it is becoming more and more obvious that it is harder and harder to find members who are willing or able to commit to helping the Club on an ongoing, consistent basis.

In discussing budget needs, it has become clear to the Council that we cannot rely on dues alone as we look at our list of long- and short-term maintenance projects. We are relying more on professionals to get needed work done for two reasons: consistent volunteers are not as available and we are more aware of potential liability issues. There are certain tasks that we do not want our members to do because we do not want the risk of injury.

In 2020 the Council will be discussing ways to collect more funds in order to keep the property and Clubhouse safe and sound for many years to come. We have discussed the possibility of a capital campaign in 2020 in order to boost our endowment.

The Council has worked very hard for the club this year. I am happy to say that we will all continue this work together since all the current members are staying on for 2020. I am also happy to welcome Martha Zettel to the team for next year.

Congratulations and thank you to Shirley Shaw, who will be serving as president of BANC as well as president of NYSOA next year. Also, special thanks to John Shaw, who will continue working as Club Treasurer and Tanager Editor. He has also recently agreed to become the Club Webmaster. Many thanks go to Ellen Prill who has been the driving force behind many of our accomplishments this year.

I want to thank all of you who have done something big or small to keep our organization going. If you have hosted a pot luck, pulled a privet plant, led a field trip, presented at an indoor meeting, written an article for the newsletter, made soup or baked cookies, cleaned a bathroom, planned a program or balanced the budget, THANK YOU.

It has been a pleasure to serve you as President.

A Tale of the Great Lakes

By Carol Hinkelman

We tend to take the Great Lakes for granted and don't appreciate their uniqueness. The Great Lakes are not really in the same class as your average lake, but are actually great inland seas. They can have very violent weather with huge waves, explaining the 6000 shipwrecks that litter the lake bottoms. The Great Lakes are the world's largest freshwater system on a planet where 97% of the water is salty. The lakes drain from one into the other and ultimately flow down the St. Lawrence River into the Atlantic Ocean and are continuously refilled by the rain-water falling over their huge watershed. Over the millennia they have been prime habitat for wildlife and produced an abundance of native fish such as lake trout, whitefish and the giant sturgeon that can grow to 7 feet long.

This delicately balanced ecosystem was historically isolated from the ocean by the natural barrier of a series of impassible rapids in the St. Lawrence River. The 170-foot drop in the Niagara River at Niagara Falls prevented anything from going from Lake Ontario into Lake Erie, then into the other Great Lakes. That isolation all changed when we decided to improve transportation and trade by building the Erie Canal. When the canal opened in 1825, it made a navigable gateway to the Great Lakes from the Atlantic Ocean via the Hudson River. That connection enabled ocean species to enter the lakes. Only a few years later, the Welland Canal with its series of locks was completed, allowing Niagara Falls to be bypassed. That made all the Great Lakes accessible and the formerly closed ecosystem now vulnerable to invaders from the ocean.

The first major invasive species problem in the Great Lakes was the sea lamprey, a fish which arrived in Lake Ontario not long after the Erie Canal opened and quickly proliferated. This primitive vampire-like fish attached itself to the native fish with its suction cup mouth, parasiti-

zing them by sucking their blood and other fluids and secreting an enzyme that keeps the blood from clotting. It took many years of research to find a selective pesticide that could finally bring them under control without harming the other fish.



Zebra Mussel

Photo by Amy Benson; U.S. Geological Survey

The next major invaders were the small bug-eyed fish called alewives. They multiplied by the millions in the 1950's and 60's unchecked because the larger fish that could eat them had been decimated by the sea lampreys. Alewives would die off and pile up on beaches making a dreadful smell. It wasn't until the introduction of Pacific Chinook and Coho salmon, not native to the Great Lakes, that the alewives were brought under control. Salmon fishing then

became a big business on the Great Lakes and thrived until the alewife population crashed by 2005 and the salmon with them.

In the 1950's, the dream of making cities on the Great Lakes into bustling seaports for large ships coming from the ocean prompted the construction of the St. Lawrence Seaway, a very challenging engineering feat. It tamed the rapids of the St. Lawrence

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(A Tale of the Great Lakes - continued from page 3)

with locks, canals, and channels. Ships carrying huge quantities of ballast water containing aquatic species from other parts of the world then entered the lakes, and a loophole in the EPA regulations allowed them to discharge their ballast water into them. Having no natural enemies in the lakes, these foreign species quickly multiplied and took over.

One of these was the zebra mussel that soon proliferated and attached itself to hard surfaces, clogging water intake pipes and covering boats, beaches, and the lake bottoms with their sharp-edged shells. The quagga mussels came next. Between them the two mussel species from the Caspian Sea devoured most of the plankton in the lake water in the 1980's. That made the lake waters look much clearer, but deprived the fish of their food, so the fish population went into an even more serious decline.

Another Great Lakes barrier had been eliminated in the mid-1800s when the Chicago Ship and Sanitary Canal connected Lake Michigan to the Mississippi River. That connection has now brought us the threat of further destruction of the Great Lakes ecosystem by invasive Asian carp, which have spread into the Mississippi. Asian carp are voracious and outcompete native fish for food and habitat. They are now on the doorstep of the lakes and it will take a great and expensive effort to keep them out.

Since we removed all the natural barriers between the ocean and the Great Lakes, the lakes have acquired at least 186 non-native species. Meanwhile, the abundance of lake trout, whitefish, and the other fish native to the lakes are only a fraction of what they used to be. There is some commercial shipping on the lakes, but those bustling ports that were envisioned have not materialized. Most of the ocean-going ships are too large for the locks and canals, and the St. Lawrence Seaway is closed down in the winter. As with so many of man's grand plans for improving our world, these have had many unintended consequences, and in the process we have totally altered the Great Lakes ecosystem that flourished undisturbed for eons.

Habitat Restoration Day October 6, 2019

By Marigrace Piazza

Thank you to those of you who worked or contributed in some way to our very successful first annual Habitat Restoration Day on October 6.

We had 28 volunteers participate on that lovely autumn day, and the ages of the volunteers ranged from 12 to over 80 years old. The group consisted of BANC members and non-members.

The goal of the day was to remove invasive privet plants, and by the end of the afternoon we had cleared an impressive swath of plants near the intersection of the Burroughs and Keller Knoll trails. The pile of removed privet was very impressive as well.

A big thank you goes out to Chris Lajewski, Director of the Montezuma Audubon Center, who was a tireless, enthusiastic, informative leader and ...

PULLER! He also brought five honeysuckle poppers from MAC for us to use. These tools were easy to handle and very efficient in removing privet.

We were fortunate to have several students from the Victor Key Club and their advisors helping us that day.

All who attended felt good about pulling and watching the pile of discarded plants grow. It was a great day of working outside with a community of like-minded people.

On November 2, Clean-Up Day, we continued this work with another group of volunteers. More privet was removed from this same area, and in April we will continue in this section and attack the new seedlings that appear in the spring.

If you are interested in helping with this work in the future, please contact me at marigrace.piazza@gmail.com. The Invasive Species Committee would like to train as many volunteers as possible about how to identify privet or other invasive plants on our property and to make volunteers familiar with methods to remove these plants. Plants grow back! The more people available to help with this effort, the more successful we will be.

Annual Picnic September 28, 2019

By Marigrace Piazza

The Annual Picnic was very special this year. The Club was lucky to have Mark Carra with us for the afternoon and evening. Many of the attendees gathered on the porch to learn about the animals that Mark brought with him. Not only was it fascinating to learn about the life history of the amphibians, insects and snakes, Mark entertained us with stories about his own life history working in the past for Animal Planet.

Richard Ashworth led a delightful hike around the trails, and soon after that Julie Clayton rang the dinner bell.

When we were done sharing a yummy potluck, Charles Darwin, aka Mark Carra, emerged from the shadows. Mr. Darwin told the story of his life and the fascinating journey he took that led to his theory of evolution. He showed a PowerPoint presentation (interesting that Charles Darwin knew about that technology) and passed around fossils to reinforce his findings.

It was a lovely afternoon and evening. There were just a few showers towards the end of the night to make some outdoor clean-up a bit more challenging. Many thanks to chairperson Linda Smith and her helpers Julie Clayton and Jutta Dudley.

New Members

We welcome the following new members to Burroughs:

Ann Binstock, Pittsford

Virginia Gibson, Fairport

Sheryl Gracewski and Tom Nash, Rochester

Mindy Spencer and Jessica Ellsworth, Webster

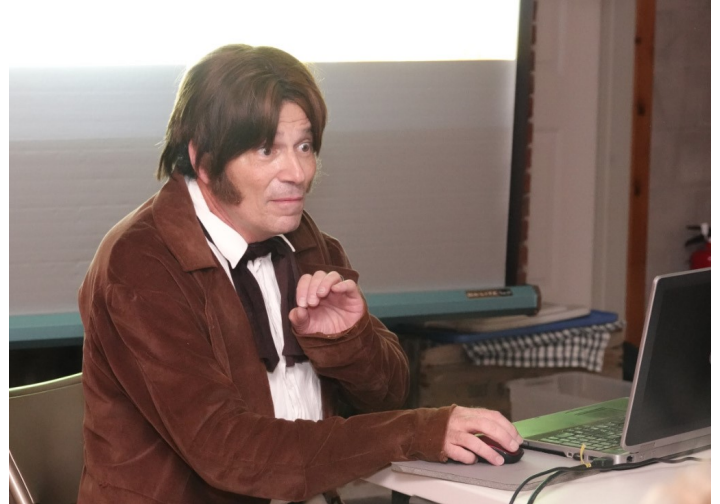
Jane McConnochie, Pittsford

Ray and Sue Tiede, Rochester

Kathleen Wakefield, Rochester

Wendy Sacks, Pittsford

Alex and Eileen Whitaker, Pittsford



“Charles Darwin” (Mark Carra) telling the story of his life and theory of evolution at annual picnic

Photo by Richard Ashworth



Removing invasive plants on Habitat Restoration Day

Photo by Marigrace Piazza

MEET A MEMBER – JOE LASKOWSKI

By Richard Ashworth

In this issue, let me introduce you to a relatively new BANC member. I first met Joe Laskowski at the BANC sanctuary, with a ‘popper’ in hand, demonstrating the uprooting of invasive privet plants. More recently, I sat down with him in his attractive Canandaigua home, which he shares with his West Highland Terrier ‘Winston’, overlooking an extensive wetland and pond.

Joe was born and grew up with his two sisters in Buffalo, and at an early age he was introduced to outdoor pursuits, particularly fishing. At the University of Dayton in Ohio he majored in civil engineering, but was also active in ROTC. He graduated with a two-year commitment to the military, which he served in the army as a Construction Engineer Officer in Germany. After completing this service, he continued for several years as a reservist in the National Guard.

Before his induction into the army, Joe had already started working for the New York State Department of Transportation, and he continued there. In 1978 a promotion brought him to the Rochester area, where he oversaw construction on a section of the Rochester Outer Loop and design operation for in-house projects. He ‘retired’ in 2003, but after a couple of months he was called by Albany to assist in statewide storm damage assessments.

Unfortunately, Joe’s wife passed away in 2009. He has two sons – one managing a restaurant in the Rochester area and the other in product design in Pittsburgh.

As I already mentioned, Joe embraced an outdoor lifestyle in his youth, and biking, hiking, canoeing and skiing continue to be an important part of his life. (Monday canoe outings with ADK are a favorite.) He has participated regularly with the Genesee Valley

Hiking Club, but commented that these hikes provide very little time for “looking and studying.” Joe is increasingly drawn to learning more about the places and creatures he encounters – not least to provide information when volunteering to lead school trips at the Cumming Nature Center.

It was while snowshoeing at the Cumming Nature Center that Joe met Becky Olson, who introduced him to BANC. Although he maintains a broad interest in nature, Joe has recently spent more time studying the local birds and butterflies, and particularly enjoys the wide variety of waterfowl, many of which are best observed

from a canoe.

Next time you’re at the BANC sanctuary for a workday, keep an eye out for Joe, who will likely be helping us and continuing his learning experience.



Respectful Neighbors/Respectful Members

By Marigrace Piazza

Burroughs Audubon Nature Club is very fortunate to be the proprietor of two Sanctuaries. All of our Club members are very familiar with our 30-acre property on Railroad Mills in Victor. Our other property, the Elizabeth Slater Nature Sanctuary near Dansville, is not very familiar to most members. Slater is our 82-acre wooded upland property that was given to us by the late Floyd Slater in memory of his wife, Elizabeth.

One of the special benefits of being a BANC member is having access to these properties to explore. The trails are open at all times of the year for members to enjoy.

Our Sanctuaries are peaceful refuges that allow us to escape into quiet wilderness. I am sure that many of our members have felt far away from the modern world while walking the trails.

Although it seems like we are in a separate tranquil space, both of our properties are bordered by neighboring landowners.

I would like to take this opportunity to remind members to be respectful at all times of our neighbors. Please stay within our property boundaries when visiting our Sanctuary in Victor and in Dansville.

As it gets colder, the trails are still inviting us to visit. Put on another layer and a warm pair of boots and immerse yourself in the quiet of our woods this winter. If you need more information about the location and borders of our Slater property, please contact me at marigrace.piazza@gmail.com.

2020 Dues

If you haven't already renewed your membership, please send your dues check or renew by credit card on line at <http://bancny.org/membership.html>

\$20 - Individual membership

\$30 - Couples membership

\$35 - Family membership

Add \$5 for the Tanager hardcopy by mail.

Add \$2.50 for keys to the outside restroom.

To renew on-line, go to <http://bancny.org/membership.html>, fill out the on-line form, click "submit", and enter your credit card and information on the Paypal page which comes up.

If renewing by check, please send check and the form in this issue to:

BANC
c/o John Shaw
374 Cromwell Drive
Rochester, NY 14610

Jane Uhle

By Carol Hinkelman

Long time BANC member Jane Uhle passed away in October. Jane and her deceased husband Otto were very involved with BANC over the years and very generous to the club. She was a member of the Executive Council and served as recording secretary, keeping precisely detailed minutes of the meetings. Jane enjoyed experiencing nature on the BANC field trips as well as at the sanctuary. Her friendly de-

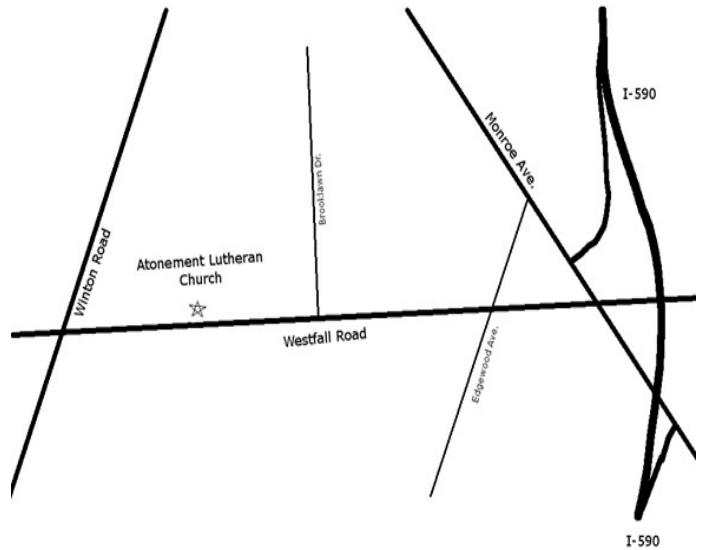


Hike at picnic

Photo by Richard Ashworth

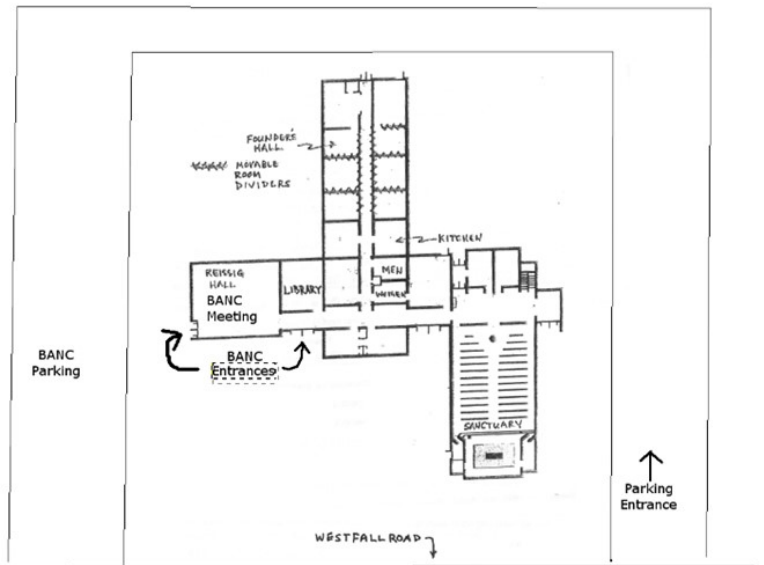
**New Meeting Place
Atonement Lutheran Church
1900 Westfall Road, Rochester, 14618**

It is on Westfall Road east of Winton Road (see map). Parking lot and doors are located on west side of the facility. Drivers can enter the parking lot east of the building.



Chris Lajewski giving instruction on identifying invasive species at Habitat Restoration Day

Photo by Marigrace Piazza



BURROUGHS AUDUBON NATURE CLUB (BANC) MEMBERSHIP FORM

Memberships run from January 1st through December 31st. (If you join after October 1st, your membership continues through the next year.) Please send your check, payable to Burroughs Audubon Nature Club, along with this form to:

BANC
 % Treasurer John Shaw
 374 Cromwell Drive
 Rochester, NY 14610

Name(s) _____

Children's Ages (Optional) _____

Street Address _____

City/Zip _____ Phone _____

Email _____ Date _____

How did you learn of us? _____ Birth Month _____

How do you prefer to receive our *Handbook of Activities and Information*?

Please check one: Email _____ or Hardcopy by mail _____

As a new member, would you like to have your photo and a few words about you published in our newsletter? Please check one: Yes _____ No _____

MEMBERSHIP CATEGORY	DUES	AMOUNT PAID
Individual	\$20/year	\$
Couple	\$30/year	\$
Family, including children to 18	\$35/year	\$
Supporting Membership	\$50/year	\$
Life Membership	\$500/person	\$
Add \$5 for <i>Tanager</i> hardcopy	\$5/year	\$
Outdoor restroom key	\$2.50	\$
Extra donations are appreciated.		\$
		Total \$

Visit to Slabsides

By Carolyn Ragan

Recently Chita McKinney and I were in Kingston NY to attend the New York State Ornithological Association's 72nd annual meeting as two of the three delegates for Rochester Birding Association. Delegates must attend the business meeting on Saturday morning while non-delegates go on a field trip. Their field trip was to John Burroughs Sanctuary. I was very disappointed not to be able to see John Burroughs' cabin, Slabsides, since I had heard much about it during my time with BANC. To remedy this Chita and I stayed an extra day to venture there on our own.

We found the Burroughs Drive just off of Floyd Ackert Drive. Once on the winding road we knew we were in a special place. There is a private residence right in the middle of the sanctuary. We went too far and had to turn around to find the proper entrance. We walked down to the cabin that John Burroughs used as his writing space. It was not open for inspection, but we could peek through the window and see his desk.

Continuing down the path we were pummeled with acorns dropping by the dozens from the large oak trees. The path was not worn, and we wondered where we could wind up since we had no map. Robins were feasting on the berry bushes and spice bushes. But we only saw 1 other species, a Red-eyed Vireo.

As we were going back to the car, three people approached. A small woman welcomed us and introduced herself as Joan Burroughs, great-granddaughter of John Burroughs. She had heard of BANC and was delighted to learn more about us. Chita extended an invitation, and she said she would love to come for a visit.

Our next goal was to visit the pond and waterfall on the Pond Trail. We descended steep, large, flat, slippery rocks for a couple of hundred feet and

then it dawned on us we would have to come back up at some point and there was no sight of the pond. Disappointed we reversed our track.

We found it a lovely pristine woods that would surely inspire any of us, whether we are writers or just love the clean air and the gentle sound of birds and acorns dropping.



John Burroughs' cabin Slabsides

Photo by Chita McKinney

John Burroughs (1837-1921)

Naturalist, Author, and poet

By Ellen Prill

“It is the life of the crystal,
the architect of the flake,
the fire of the frost,
the soul of the sunbeam.
This crisp winter air is full of it.”

People hear the name James Audubon and rightly make the association with birds. The same can not be said of John Burroughs' name. To that end, I want to share some of his poetry with you so we can get to know him a bit better.

News from NYSOA: Records, Regional Reports, and You

By Robert Spahn, NYSOA Regional Reports Editor

One of the major functions of NYSOA (formerly The Federation of New York State Birds Clubs) has been the gathering and publication of bird records with some analysis and commentary. Early on, 10 reporting Regions were identified centered on major bird clubs and taking into account historical birding areas related to these. Regional Editors (REs) were identified with the aid of the interested clubs, and records and other inputs were solicited and initially sent to these editors, who would then identify interesting records and write quarterly reports summarizing the picture of birds and birding in their Region for the quarter/season. The reports were based on the records and other information sent by observers and were also related to historical information and the experience of the RE.

This approach has continued for over 70 years, with only minor changes to Regional boundaries along the way. From the beginning, the details of record submission have varied a bit by Region. Some Regions have clubs with active records committees, which first receive and screen local records, provide these to their local clubs, and send summaries to the RE. More recently, with the inception and growth of eBird, more and more of the observation data, records, have been submitted to eBird, with the eBird database accessed by the REs quarterly or now monthly. A common element has remained: the REs gathering the records and studying them to obtain a picture of what happened in their part of the birding world for the quarter/season, then writing a meaningful summary based on the data. Masses of data in a database are really of little personal interest to most birders and even less to others with a more casual

interest in birds. The analysis and stories that are captured in a good Regional Report are more accessible and of more general interest. While eBird has brought a huge improvement in the gathering of data easily accessible to the REs in a common format, a major loss has been that few observers now submit their personal comments and stories to the REs, so preparation of interesting summaries is more difficult.

As an active birder, you can contribute to Regional Reports – and to citizen science – simply by submitting your observations and checklists, and at least occasionally your thoughts and comments on what you see or think is happening, to your local Regional Editor. For the name and contact information of your RE, visit <https://nybirds.org/RecordsEditors.htm>.

A great positive for birding as a “hobby” is that anyone can take part in it in any way that appeals to them with whatever time they wish to spend; no approach is really “right” or “wrong.” Your choice. However, volumes of data are needed and useful for many studies in ornithology, and you can contribute to the science with any observations that provide a correctly identified species, location, and date, and, better too, some idea of numbers. The more details you are willing to provide, the more useful the observation. Observations over relatively short time periods and smaller geographic areas with counts or reasonable estimates of numbers are most useful, as these can later be added together to cover longer times and larger areas. But even observations with just very basic information are useful. This kind of information is needed in order for others to assemble the bird guides we all use for identification and the bird finding guides we use locally or on travels to decide where to go to find birds of interest.

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NEW YORK STATE ORNITHOLOGICAL ASSOCIATION ANNUAL MEETING

By Shirley Shaw

Many of us who love birds and birding had a great time being on the planning committee and attending the annual meeting of the New York State Ornithological Association in 2018 when the meeting was held in Rochester. This year the meeting was in Kingston, NY, quite a trip. Still, BANC members Chita McKinney, Carolyn Ragan, John Shaw, and Shirley Shaw attended, with the Shaws being BANC's two official delegates.

Friday featured afternoon field trips and a cruise on the Hudson River. Chita and Carolyn attended the cruise. Saturday was more field trips, the delegates' business meeting, a paper and poster session, and the keynote address by Nathan Pieplow, whose informative presentation was about the language of birds, in which we learned how bird songs and calls communicate territory, relationships, presence of food, and danger. The meeting concluded with field trips on Sunday morning.

NYSOA President Mike DeSha spoke about the organization's activities in 2019. A new initiative is to provide member clubs with monthly articles for their newsletters on NYSOA-related topics, and two of these have already been published in the *Tanager*.

Mike also spoke about the conservation activities for the year: endorsement of the American Bird Conservancy's letter to the Department of Homeland Security and U. S. Customs and Border Security opposing the environmental damage and encroachment on natural areas by the building of the border wall; raising awareness about the need to find a solution to harassment of birds by large numbers of people who are alerted to the location of rarities and nesting sites by postings on electronic media; and ongoing work

to develop a stance with respect to large-scale solar farms' impact on birds.

A major initiative of NYSOA for this year and five years to come will be the organization's role in the survey work for NY Breeding Bird Atlas III. This major citizen science project will require the work of volunteers across the state to survey small areas to find evidence of breeding by the birds of that area. This survey work is open to anyone who enjoys birding, and I hope many BANC members will participate.

Delegates voted unanimously to accept a change in NYSOA bylaws to make business meeting notification to member clubs comply with New York State law. New officers and directors for 2020 were elected. Rochester is well represented: Greg Lawrence, Vice President; Lucretia Grosshans and Robert Spahn as Directors; and I will be the President.

Next year's meeting will be in the Syracuse area October 2-4, 2020, hosted by Onondaga Audubon Society. Being so close to Rochester, I hope many of you can attend. It's always great to meet fellow nature enthusiasts from across our state.



NYSOA Annual Meeting

Photo by John Shaw



**Removing invasive species from Sanctuary
at Habitat Restoration Day**

Photo by Marigrace Piazza



**Mark Carra shows us some of the animals he
brought with him**

Photo by Richard Ashworth

CALENDAR OF UPCOMING EVENTS

Friday, January 10, 7:30 PM
Atonement Lutheran Church
PENGUINS

Friday, February 14, 7:30 PM
Atonement Lutheran Church
CASSOWARIES TO CANNIBALS TO CUTTLEFISH

Friday, March 13, 7:30 PM
Atonement Lutheran Church
AURORA BOREALIS