

Save the date for our Annual Picnic!!!

Saturday, September 30th

Bring the kids – children, grandchildren!

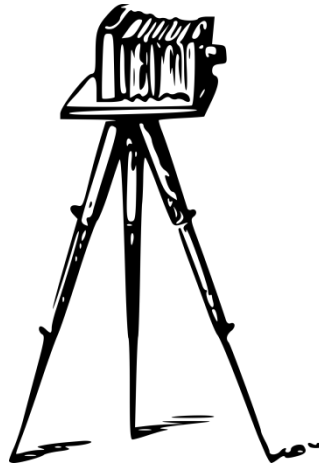
3:30 Doors Open – Activities for kids

4:00 Nature Journaling with Jennifer Miller –
Writing about and drawing observations (for all ages)

Photo Exhibit and Contest – bring your
finest nature photographs!

6:00 Potluck Supper-Bring your favorite dish to
pass (hopefully local for lower carbon footprint!)
Bring your table settings, perhaps chairs, card
table, if possible.

7:00 “The Art of Conservation” by Jennifer Miller A presentation about the
history of artwork as a conservation tool, from the 1930s until modern day (with a focus on
the Duck Stamp program). Also, how art inspires people to care for our environment.



Bring your pictures! We will put them in plastic sleeves and hang them on a clothesline. You
may take them home that evening. All picnic attendees are encouraged to vote!

Questions? Please call Julie at 249-9489 or Marigrace at 383-8462.

The Tanager



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President's Message



In mid-July, my husband, Dean, and I traveled to Maine. I thought that I'd really like to see the puffins – and we did! I remember the wonderful presentation Art Trimble had done for the Club at Experience Night several years ago that spurred my interest to see them! Dean and I stayed near Boothbay Harbor and enjoyed a ride on Cap'n Fish's Puffin Cruise. I learned that in 1901 there were only two puffins to be found in the entire state of Maine – on Matinicus Island. They were protected by a lighthouse keeper, since all of the other puffins had been killed for their meat or beautiful feathers. Also, their eggs had been taken for food. Thanks to the Audubon Project Puffin that began in 1973 carried out by a young zoologist named Steve Kress, several young puffins were brought from Great Island, Newfoundland, and raised on Eastern Egg Rock. It required a lot of

patience and work by Steve and his assistants. Now there are about 150 pairs of puffins on Eastern Egg Rock, the island that is the southernmost Atlantic Puffin colony. During most of the year, puffins live in the chilly waters of the North Atlantic, but come spring/summer some fly to the islands of Maine to raise their young. The five Maine Islands now count about 1,000 pairs. The puffins were delightful to see and I thank Art for that! For more information about this exciting program, go to *Audubon Project Puffin* on your internet. The methods used to restore the puffin populations have also been employed to help other seabirds.

Now, switching to some rather undesirable creatures, I need to tell you that in June, Paul Dudley and I placed twenty tick tubes under rocks and logs at the edges of the Sanctuary lawn and parking lot. Hopefully they have been a deterrent to ticks in those areas. The tick tubes contents are intended to be brought to the nests by mice and stop the profusion of ticks. These are supposed to be effective. I hope so, but still remind you to be vigilant and dress appropriately when visiting the Sanctuary and hiking on the trails.

Lastly, I must tell you that as of January 1st, the Burroughs Audubon Nature Club's cold weather members' meetings will be held at the Clover Center rather than St. John's Meadows. The Clover Center/Baptist Temple is located on the corner of Clover Street and Highland Avenue. The address is 1101 Clover St., Rochester NY 14610. At the June meeting, the Council voted to change the meeting site for 2018 for several reasons. Primarily the reasons are to have convenient parking that can accommodate the members and to have the entrance door close to the meeting room. Many members and new people have been confused when coming to our meetings at St. John's Meadows. The parking site designated for BANC is difficult to find, knowing which door to enter is confusing and then winding through several hallways is not desirable. The Clover Center is used by many other clubs and it is not difficult to find the meeting room. There is plenty of parking and the parking is convenient and very accessible to where we will meet. Also, the Clover Center is centrally located and easy to find, especially at night. We have been very fortunate, however, to have been welcome to meet at St. John's Meadows these past seven years and we are grateful to have been able to use their beautiful accommodations and to meet so many wonderful residents! Remember, however, our October and November meetings will still be held at St. John's Meadows (the remainder of 2017).

Julie Clayton



photo and text by Laurie Dirx

Love having the whole eastern bluebird family visiting. When the last clutch of the season has fledged the adults do not shoo off the young, they'll stay together now till next spring when breeding season begins again. That is when competition pressures kick in for mates and housing. It is at that time the young are sent off on their own.

Jennifer Miller – Presenter at Annual Picnic



I had the good fortune to meet artist, Jennifer Miller, at the Allegany Nature Pilgrimage last year where she was a presenter. She was walking around wearing a big pileated woodpecker head she had created. It was amazing and fun! Jennifer lives just outside her home town of Olean, NY, where she is surrounded by a most natural setting of eastern deciduous forest and wildlife. Jennifer is an award-winning wildlife artist with no formal training. However, Jennifer studied under a vast canopy of nature. She is deeply concerned about

conservation issues and she's painted threatened and endangered species. She has donated work and time for groups dedicated to saving and restoring flora and fauna. Wild and domestic birds are endless inspiration for Jennifer's work, even finding their way into her fantasy art, where the imaginative creatures are given the same attention to detail, anatomy, and behavior as their real counterparts. She shares her life and adventures with her husband, Brian.

Jennifer has received many awards for her artwork, but her most memorable one has been being selected as winner of the 2015-2016 Federal Duck stamp contest.

She painted Ruddy ducks out of love for the "personable little ducks". The Federal Duck Stamp Program has played a critical role in the preservation of wetlands and entire ecosystems. Since 1934, this program has generated enough funds to purchase or lease over 6.5 million acres of wetlands in the United States. Please go to Jennifer's website at www.featherdust.com to learn more about Jennifer and all of her accomplishments and how you can participate in helping preserve wetlands.

Come to the Annual Picnic on September 30th. You will be delighted by Jennifer's presence and talent!

Julie Clayton

Pea Soup



There have been many news reports of toxic algal “blooms” around the country in the last few years. People have been sickened and some pets and livestock have died from drinking or swimming in blue-green algae infested waters. Lake Erie frequently has blooms of blue-green algae, sometimes covering as much as a third of the lake and severely damaging its billion dollar fishing industry. Beaches from Vermont to Florida to Wisconsin and Oregon have had to be closed because of the green slime, affecting recreation, tourism, summer camps, and shoreline businesses and residences.

Blue-green algae or cyanobacteria occur naturally in small quantities in lakes, ponds, and slow moving streams. In summer when the water warms and there are a lot of nutrients like phosphorus and nitrogen, they can grow very quickly to form a colorful scum or mat on the water. The scum is usually green, but can be blue, yellow, brown or red. A blue-green algae bloom has a putrid smell when the algae rots and it uses up the oxygen in the water causing fish kills. If the bloom occurs in a lake that is used as a public water supply, it can cause taste and odor problems in the drinking water.

Most algae are part of the food chain and are eaten by fish and other aquatic creatures, but they don't eat the blue-green algae because it produces toxins. Those toxins can cause skin, eye, or throat irritation, vomiting, diarrhea, allergic reactions, asthma-like breathing difficulty and liver damage to people and animals. Dogs are particularly susceptible to the toxins because they drink the water and lick the algae off their fur after swimming.

Agricultural runoff of fertilizer and manure is the main source of the nutrients that cause the algal bloom, but sewage treatment plant outflows, storm drains, industrial discharges, and fertilizer from lawns near the shoreline are other sources. Florida frequently has large outbreaks of blue-green algae in Lake Okeechobee because of the runoff from the cattle ranches and sugar cane fields around it. The lake

water then drains into two rivers that carry it out to the Atlantic and Gulf coasts where the algae then spreads along the shoreline polluting the beaches.

Toxic algal blooms are increasing all around the country and climate change is lengthening the warm weather season when algal blooms occur. There are no quick or easy remedies for the control of blue-green algae. We can only try to prevent the blooms by reducing the nutrients going into the water so they occur less often. This is a slow gradual process and nutrients may have already built up in the sediments at the bottom that will be there for years.

In July of this year there were 39 lakes in New York with reported algal blooms including Honeoye Lake and little Lake Lacoma near Powdermill Park. Not all algal blooms are harmful blue-green algae. They must be tested to be confirmed as blue-green algae, but it is best to avoid any contact with floating mats, scums or discolored water when swimming, boating and playing with pets in the water to be safe. Don't drink, prepare food, cook or make ice with untreated surface water even if you don't see any algae.

In New York State, the Department of Environmental Conservation has a website listing bodies of water which have harmful algal blooms. Before you go in the water you can check this website www.dec.ny.gov/chemical/83310.html to see if HAB's have been reported there and if they have been confirmed as harmful. If you see suspicious algal blooms you can report them to the DEC for listing and confirmation. If a waterbody is not listed, that does not mean that it does not have a current algal bloom. It may not yet have been reported. There is also an archive page listing waters that have had harmful algal blooms in the past and other pages with more information on HAB's. Most algae are harmless, but don't take chances if the water looks like pea soup or guacamole.

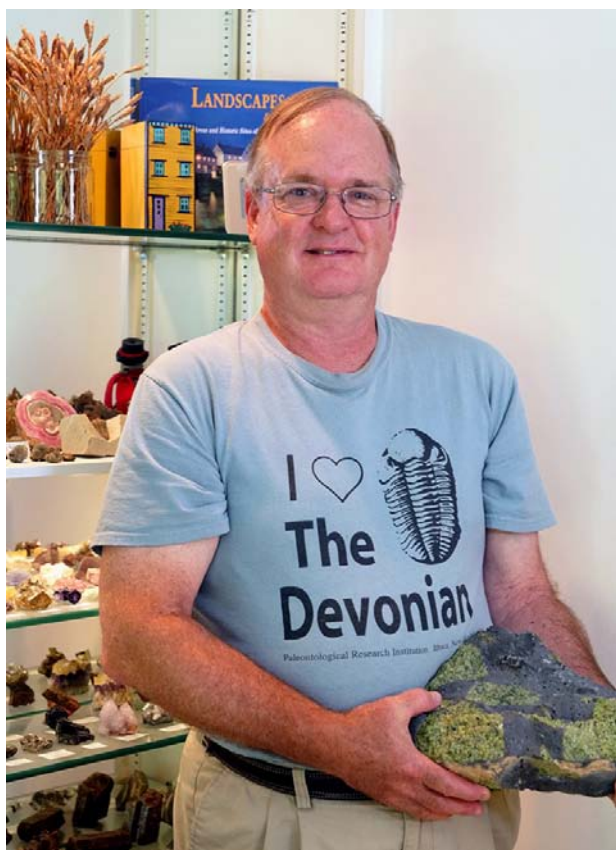
Carol Kinkelman

Third Annual Photo Exhibit at the BANC Picnic

Back by popular demand, we will have a Third Annual Photo Exhibit at the Annual Picnic. Winners will be selected by a vote of those present, and after the results are announced, Jennifer Miller, our featured guest of the evening, will help us understand from an artist's perspective, the appeal of the winning photographs.

Please bring your pictures! We will put them in plastic sleeves and hang them on a clothesline. You may take them home at the end of the evening. All picnic attendees are encouraged to vote! If you have any questions, please call Marigrace Piazza at 314-8462

MEET A MEMBER – FRED HAYNES



How many petrophysicists do you know? I can now claim one, after spending time with BANC member Fred Haynes at his Pittsford home.

Fred grew up in western Massachusetts and his outdoor adventures began at an early age. Each summer his parents, Fred and his younger brother would take off for six to eight weeks camping out west, with much time spent in parks and museums. They also visited the Maritimes and Nova Scotia nearly every August.

Fred entered Lehigh University in Pennsylvania intending to major in math, but he was inspired by classes in geology and graduated in that discipline. He went on to gain his Master's Degree in Geology from the University of Arizona. After spending two years with a small company searching for gold and silver deposits (his company even opened a silver mine in Arizona), Fred set his sights on an academic career and received his PhD from the University of Michigan. It was here that he met his wife, Patty, who was studying for her MS in geology.

While looking for the right faculty opportunity, Fred was encouraged to consider the possibility of working in the oil industry. Although his prior experience was focused in ore deposits, Exxon offered Fred a position – and this was the beginning of a more than 25 year career with the company.

He learned the business at a production office in Thousand Oaks, California and became a petrophysics specialist in West Texas. His subsequent work took him and his family not only to the company headquarters in Houston, but also on a four year assignment in Stavanger, Norway, followed by five years in St. John's, Newfoundland. Five years ago, Fred retired and he and Patty moved to Rochester, where Patty had grown up and where each of their three sons had spent several summers on staff at YMCA Camp Cory on Keuka Lake. Patty continues her involvement in ESL and Literacy Volunteers - interests and skills she developed while overseas.

In retirement Fred has returned to his first love of 'hard rock' geology; much of his time is spent on trips to search for rock and mineral samples. These are brought back for sorting, cleaning and preparing, and a large area of their house is filled with finished examples on display (as in the photograph) and a multitude of trays, shelves and boxes of 'raw' samples awaiting processing. Most of the rocks/minerals are given away as educational tools and to stimulate the interest of children in particular. Fred's table is one of the most popular at the BANC Nature Nights and he distributes mineral samples in libraries, at Scouts and YMCA events, and basically wherever someone will have him!

Fred is a member of many regional geology associations. His primary allegiance is to the Wayne County Gem and Mineral Club, and he is the Editor of their monthly newsletter. For the past four years, Fred has coached the Calkins Road Middle School Science geology team for the Science Olympiad. Each year the Calkins team won regionals and twice placed in the state competition. As if all this were not enough, Fred has a second hobby: stamp collecting. He is a member of the Rochester Philatelic Association and also edits their quarterly newsletter.

Marigrace Piazza and Patty were in Girl Scouts together as teenagers, and when Fred and Patty moved to Rochester she invited them to a BANC event where Paul Dudley was exhibiting rocks. This was how they were introduced to both BANC and RAS, and how we came to be blessed with the participation of such an expert, experienced enthusiast in one of the fields that exemplifies the unique diversity of natural science that BANC represents in our community.

Richard Ashworth

Family Nature Night at BANC

It was a lovely summer evening in late June. The Sanctuary trails were very inviting as they were full of trees in full foliage and birdsong. Wait, what was that beautiful sound echoing through the woods? Was it the Blue-winged Warbler or the White-throated Sparrow? No, it was the sound of children, laughing and running along the BANC trails.

These lucky children were attendees of the Family Nature Night hosted by BANC on June 28. Many of our members brought displays to share with our guests. Paul Brach displayed his collection of seeds, cones, leaves and nuts from local trees. Richard Ashworth had some of his prize-winning bird photos on display and information about how to become a birder. He also set up some mounted photos of birds and positioned them around the clubhouse grounds. It looked as if they were real and certainly fooled many people. Fred Haynes brought several containers with different minerals in each of them. Each participant was able to make his/her own collection of minerals to take home in an egg carton. He also organized a scavenger hunt around the clubhouse. Fred invited Dan Krisher to the event and his impressive display of fossils was a hit.

Patty Haynes, Kathy Henrie and Marigrace Piazza set a table with books, nature crafts, stencils and activities that were educational and kid friendly designed to connect young people to nature. We also led a scavenger hunt on the trails. Jon and Sandy Dombroski had a display of large insect photos and interesting facts and questions related to them. There was even a juvenile Preying Mantis visiting at the event. Paul and Jutta Dudley had a display of rocks from New York State and Tim Niver from the Victor-Farmington Library brought a collection of nature related books. Besides the wonderful sounds of children, there was the sound of music. Julie Clayton brought her guitar and microphone and sang songs on the porch. Some of the children sang some songs for us, too.

Thank you to all the members who made this evening such a success. There is no doubt that the expertise and devotion of our members on display during the evening helped to spread some nature joy to the 21 children present. Please think about joining us and inviting some young friends next year.

BANC President, Julie Clayton, thinks it was the best BANC event that she has ever attended.



Marigrace Piazza

A call for volunteers!!!

Would you like to learn how to use our PC projector and sound system? Contact Dean Clayton and he will arrange a demonstration.

Also --

Dean would like to find able bodied folks to help mow with the tractor, trail mower and string trimmer. Trail maintenance help is needed for clearing trails of brush and fallen trees and the repair of boardwalks. Also, our clubhouse is in need of upkeep, including gutter cleaning and porch staining. Help is needed and welcome for any of these jobs! Please contact Dean at:

Dclayton@rochester.rr.com or 415.3783

The Tanager

**Burroughs Audubon
Nature Club
c/o John E. Gordon
126 Ayrault Rd.
Fairport, NY 14450**

TO:

**If you haven't renewed
Your membership,
Please do it now**

CALENDAR OF UPCOMING EVENTS

**Saturday, September 9, 10:00 AM
Bentley Woods Preserve
FINDING FALL FUNGI
Leader: Dave Wolf, 482-2644**

**Saturday, October 28, 10:00 AM
Highland Park
AUTUMN GLORY AT HIGHLAND PARK
Leader: Frank Crombe, 889-5644**

**Sunday, September 17, 2:00 – 4:00 PM
BANC Sanctuary Open House
AFTERNOON TEA
Presenter: Charlie Woodruff
Hosts: Charlie Woodruff and
Jayne Dean, 434-4604 and Shirley Shaw, 385-3907**

**Saturday November 4, 10:00 AM-2:00 PM
BANC Sanctuary
FALL CLEANUP
Leader: Dean Clayton, 249-9489
Host: Becky Olson, 749-8760**

**Saturday, September 30, 3:30 PM
Annual Picnic at BANC Sanctuary
THE ART OF CONSERVATION
Presenter: Jennifer Miller
Hosts: Donella Ashworth, 381-2189 &
Ellen Prill, 721-4103**

**Friday, November 10, 7:30 PM
St John's Meadows
ANNUAL MEETING AND EXPERIENCE NIGHT
Call Richard Ashworth, 381-2189 to
reserve a place on the program**

**Friday, October 13, 7:30 PM
St. John's Meadows
100,000 PENGUINS
Presenter: Dr. Greg Cunningham**