

Rice Creek Associates Newsletter



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RCA members: stop into the field station and ask any staff member for a courtesy car window cling. A promotional sticker to place in a car window, which displays below as white print.



President's Comments

Laurel Artz, RCA President

Thought is the seed of action.

Ralph Waldo Emerson

Autumn has arrived. We feel it in the air, we see it in the leaves, and we see it in the seeds that are forming on so many plants. I believe I spend more time with seeds in the fall than I do in planting them in the spring. This time of year finds me "harvesting" seeds from so many of my flowering plants. I love sharing the seeds with others, especially the seeds grown from heirloom seeds from Jefferson's Monticello.

To plant a seed is to believe in tomorrow

I also notice so many arrangements of seeds on my walks at RCFS, and especially in the herb garden. Seeds, as we all know, represent the promise of a new generation of plants. Yet, they also represent so much more. Seeds represent change, growth, life, continuity, and even ideas. Seeds as a symbol for ideas is quite common. In teaching elementary school students about the writing process, we discussed seeds as ideas for new writing pieces. Seed stories are the first drafts upon which ideas are developed and built into a longer piece of narrative writing. To be perfectly honest, it was the seed pods of the Blue False Indigo in the herb garden that inspired me for this piece.

Don't judge each day by the harvest reap, but by the seeds you plant.

Robert Louis Stevenson

Throughout RCFS we have many examples of "seeds" that matured and grew into something remarkable. Recently the "seed" idea of encouraging involvement with additional departments and organizations on campus has led to many great events, wonderful projects, and unique experiences. One such project was coordination with the art department, the result being the sculpture that will be unveiled in the herb garden on November 12th, the same day as our Small Grants Symposium.

The RCA Small Grants program developed from a seed idea of Dr. Peter Rosenbaum. It has grown into quite a successful program that has allowed numerous students and faculty to further develop their own seeds of ideas for research. This program is now a tribute to Peter's foresight and is quite a legacy that will continue for years to come.

When the new field station was built the college moved the observatory from near Romney and Laker Halls to the RCFS. The telescope has been made available to the public for many evenings of searching the skies. I like to believe that one day a future astronomer or astronaut will look back to the seed of a career path that was germinated by an evening at RCFS.

Each day of my life I am sowing seeds that one day I will harvest.

Gautama Buddha

The story trails that allow a youngster to read and learn as they walk the trails at RCFS may just be the seed to inspire a future author, naturalist, or science teacher.

These are just a few of the seed possibilities that RCFS has to offer. The possibilities are truly endless. With your membership and support, RCA will continue to support RCFS in developing many seed ideas and assist our college students in their selected career paths. We will also continue to offer the community opportunities to learn, such as at our Reflection talks, and perhaps create some new seed ideas for you.



Blue False Indigo

Biological Control of Emerald Ash Borer at Rice Creek

The Release of Emerald Ash Borer Parasitoid Wasps

Kamal Mohammed, Director



Fig. 1: Adult emerald ash borer beetle.
Source USDA.

The emerald ash borer (*Agrilus planipennis*) is a wood-boring pest of ash trees in the genus *Fraxinus*, Family Oleaceae (Fig. 1). All ash species in the genus *Fraxinus* can be parasitized but most common hosts of emerald ash borer beetle (EAB) in the U.S. are green ash (*F. pennsylvanica*) covers much of the United States except the west coast), white ash (*F. americana*) known from the east coast to eastern Minnesota south to eastern Texas at the western edge. Black ash (*F. nigra*) native to much of eastern Canada and the northeastern United States. Pumpkin ash (*F. profunda*) grows locally along swamp margins and river bottoms in the Atlantic Coastal Plain from southern Maryland and southeastern Virginia to northern Florida, and west to Louisiana. Also in the Mississippi and Ohio River Valleys from southern Illinois and Indiana, south through southeastern Missouri and northeastern Arkansas. Its range is sporadic. Blue ash (*F. quadrangulata*) Native to the Midwestern U.S. from Michigan south to Oklahoma and Tennessee. According to USDA, EAB originated in China, Mongolia, North Korea, South Korea, Japan, Taiwan, and the Russian Far East. EAB was unknown in North America until its discovery in southeast Michigan in 2002. Currently, EAB has been reported in 36 states, including New York and the District of Columbia (Fig 2). To protect ash trees, the Animal and Plant Health Inspection Service (APHIS) works with State cooperators to detect, control, and prevent the spread of the pest.

To date, EAB has already done great damage to Ash species in the States. According to USDA, the compensatory value of the 8 billion ash trees in U.S. timberland potentially infested with EAB is \$282 billion.

EBA mostly affects Eastern United States. States in this region produce nearly 114 million board feet of ash saw timber annually, with a value of \$25.1 billion. Affected species include white, black, and green ash. These three species make up a little more than 7% of the hardwood forests in the northeastern United States and eastern Canada.

Biological control is one of few environmentally sound options to combat EAB. The application of biological control of EBA in the States started in 2007. It involved the introduction, testing, and the safe release of parasitoid wasps which were known to parasitize different stages in the life cycle of EAB beetles. Species of parasitoid wasp were introduced from China and Russia where the pest itself originated. Since their release in 2007, results have shown that the EBA parasitoids have been successfully established and dispersed from the release site with noticeable response to changes in EBA population densities.

Four species of EBA parasitoid wasps were identified and introduced in the States. *Oobius agrili*, collected from China, can parasitize up to 60% of EAB eggs. The female wasps search for EBA eggs on the

bark of infected ashes and inject their own eggs inside the EBA eggs. *Tetrastichus planipennisi* is a parasitoid of EAB larvae, also introduced from China. Female wasps parasitize EAB larvae by drilling through the bark and laying eggs on the outside of its host while simultaneously paralyzing the EAB. The hatching parasitoid larvae feed and develop on the EAB larva, causing its death. *Spathius agrili* is the third EAB larval parasitoid collected from China. This species is released to control EBA only in the South since it does better under relatively mild climatic conditions. *Spathius galinae* has a biology similar to that of *S. agrili*, except that it originated in the Russian Far East. The climate of the Russian Far East is more similar to northern regions of North America. The three parasitoid species adapted to cold weather survive the winter under the bark of ash trees as larvae or pre-pupae inside their hosts. As the weather warms in spring, the overwintering larvae gradually pupate. Figure 3 shows an example of parasitoid wasps released at Rice Creek.

The most obvious early signs of infected ash trees include wood pecking signs (Fig. 4) since woodpeckers feed on EBA larvae.

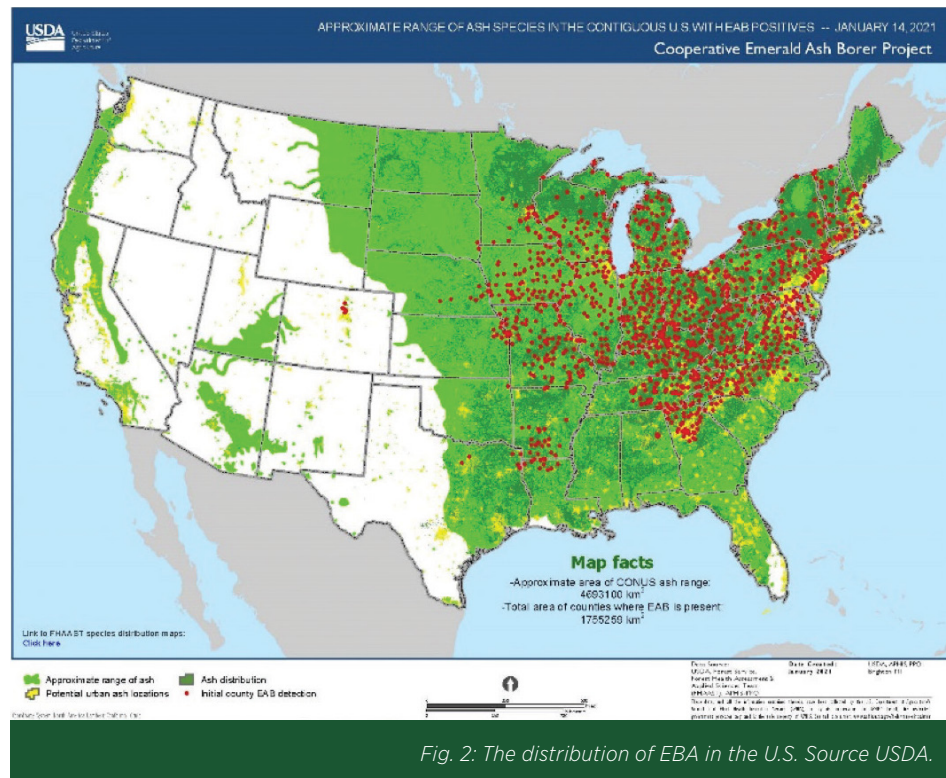


Fig. 2: The distribution of EBA in the U.S. Source USDA.



Fig. 3: An example of an adult EBA parasitoid released at Rice Creek.

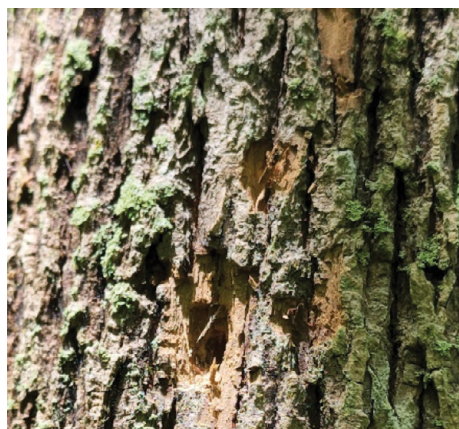


Fig. 4: Wood pecking signs made by a woodpecker searching for EAB larvae usually under the bark. This is a very common sign of early EBA infection at Rice Creek.



Fig. 5: The epicormics shoot sprouting on the main trunks of infected trees is another common early sign of EBA infection at Rice Creek

Another early sign is the epicormics shoot sprouting, that is sprouting of many new branches on the trunk of ash trees (Fig. 5). Other signs include yellow leaves on dying branches, dead branches, and thin crowns. Most of the infected trees in Rice Creek woods are showing early signs making the site ideal for the release of parasitoid wasps.

Three species of EAB parasitoid wasps were used as biological control of EBA at Rice Creek. The EAB egg parasitoid, *Oobius agrili*, was released either as mature pupae inside infected EAB eggs on paper held inside pill vials with screening (Oobinators) (See Fig. 6) or as adults in plastic cups with solid caps

(Fig. 7). Pupae were released by attaching the Oobinators to ash trees (Fig. 6), with the screen-side down, after removing the cap. Adults will emerge and disperse naturally. *Oobius* adults were released from the plastic cups by opening the lids, inverting the cup, and tapping it gently against the trunks of EAB-infested ash trees at release sites.

The other two species of EAB larval parasitoid, *S. galinae* and *T. planipennisi*, were released as mature parasitoid pupae in small ash bolts in which EAB larvae were grown from eggs applied to the bark. These bolts were then attached with twines to the trunks of infected ash trees (Fig. 8). *Spathius*

galinae was shipped exclusively as adults in cups due to the difficulty in getting *S. galinae* to emerge from bolts that had been kept in storage for several months. Adults were released from the plastic as shown for *Oobius agrili*. Eight releases of emerald ash borer parasitoids were accomplished between June 10 and August 24, 2022. The release was completed by Robert Smith, the Terrestrial Restoration & Resiliency Coordinator of SLELO-PRISM, The Nature Conservancy, Northern NY Office in Pulaski. SLELO-PRISM (=The St. Lawrence Eastern Lake Ontario Partnership for Regional Invasive Species Management).



Fig. 6: The inverted pill vial contains larvae of parasitoid wasps.

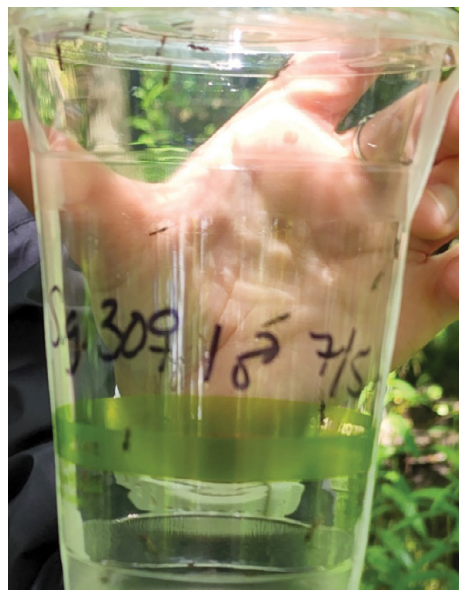


Fig. 7: Plastic cups with adult parasitoid wasp ready to be released. They look like ants at the top, above, and below writing on the cup.



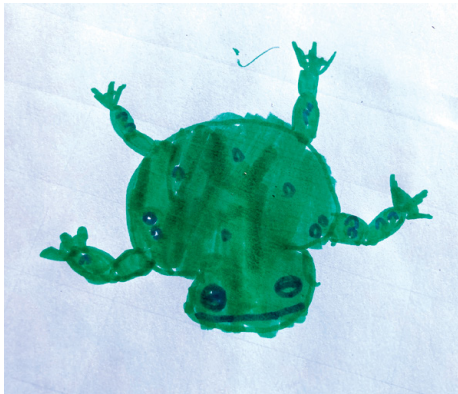
Fig. 8: Ash bolts with mature parasitoid pupae grown on EAB larvae attached with twines to the trunks of infected ash trees.

Assistant Director's Update

Kirsten Haynes, Assistant Director

This past summer was at times hot, muggy, and buggy, but that did not stop our staff or our many young visitors from having immersive, engaging, and fun experiences in nature at Rice Creek!

We were delighted to welcome four field trips this summer, including two Pre-K field trips, a 4th Grade field trip, and a middle school summer program field trip, for a total of 190 students. Students enjoyed scavenger hunts to hone observational skills, interpretive walks highlighting animal adaptations and the human influence on the landscape, and a mammal skull mystery program. The groups were encouraged to reflect on their experiences by writing or drawing animals and plants they had seen—including the adorable frog pictured here.



Exploring Nature, our youth summer program, also brought a number of children and young adults to Rice Creek—just shy of 70 participants during each of the two weeks. The children enjoyed searching for crayfish and other aquatic organisms at Fallbrook, taking nature walks, seeing birds

up close with Professor Daniel Baldassarre, and playing ecological learning games and craft activities. RCA board member Paul Knittel was a superb instructor for our group of 7-8 year-olds.

In addition to our Exploring Nature instructors, we had two wonderful additions to our staff team this summer. The first was Liz Triana, a senior Zoology major at SUNY Oswego, who was our summer assistant/intern and helped us with public nature programs, trail and grounds maintenance, and the Canal Forest Restoration Project. Liz also managed the Monarch Waystation this summer, collecting monarch eggs and caterpillars raised in a screened enclosure near the building entrance to engage visitors in the intricate life cycle of these butterflies and inspire them to take action to support monarch conservation.

Second was Ella Croyle, an Ecology and Evolutionary Biology undergraduate student at the University of Rochester, who spent a month volunteering at Rice Creek and contributed to the Canal Forest Restoration Project, outreach and education programs, and other field station projects. One project in particular Ella focused on was applying Feather Friendly window stickers as a trial on three windows on the north side of our building. These stickers, ¼" in diameter and spaced 2" apart, effectively deter birds from striking windows while causing minimal visual obstruction. This is our latest step in a student-inspired effort to prevent window strike deaths at Rice Creek, since window strikes account for a major source of bird mortality—about a billion birds each year in the US.

Following Ella's successful installation, we will be installing Feather Friendly stickers along the entire north side of Rice Creek, where the most strikes occur—an effort led now by RCA board student representative Brooke Goodman. During this time, you may see strange patterns on Rice Creek's windows. These are streaks made with a bar of soap and spaced 2" apart—a temporary solution to prevent strikes while we are installing stickers. To learn more about prevent bird strikes at home and view available product solutions, please visit abcbirds.org/glass-collisions.

We are very grateful for the efforts of Liz, Ella, and now Brooke to support Rice Creek and our programs!

Looking ahead to this fall, we hope you will join us at one or more of our upcoming programs, which include our Junior Naturalist walks on the first Saturday of each month, guided nature walks on the other Saturdays, and Telescope Observation Sessions on Sept 30, Oct 1, Nov 4, Nov 5, Dec 2, and Dec 3 (weather permitting). Additionally, we have a special Geology Walking Tour of Rice Creek on Sept 24, and of course, the Inspired by Nature Art Auction and related activities on Oct 21 and 22. Or, stop by anytime and check out our Story Walk—*The Busy Tree*—a collaborative installation with Oswego Public Library—through the end of September.

For additional information, visit our website at oswego.edu/rice-creek, where you can see our full program lineup right on the homepage. If you'd like to sign up for our monthly program email, you can do so at linktr.ee/ricecreek.



▲ An Exploring Nature participant reacts to a large, living frog – clearly, frogs are a favorite animal to see at Rice Creek!



▲ Student assistant/ intern Liz Triana at our "Pondering Pond Life" program at the Children's Museum of Oswego.



▲ Volunteer Ella Croyle shows model mammal scat to young visitors at the Children's Museum of Oswego at our mammal program.



▲ A view through the newly-installed Feather Friendly window stickers installed in a north-facing window at Rice Creek.



▲ The start of the story walk – *The Busy Tree* – on Rice Creek's Green Trail. The story walk will be up through the end of September.

Membership Notes

Every member is very appreciated and very important to us! Without you, and the financial support you provide through your member dues and additional donations, RCA would be unable to provide support for the field station's programs and facilities. So that RCA may continue providing this support in a sustainable way, we are attempting to streamline our membership processes and communications.

All RCA memberships run from March 1 to February 28/29 each year.

We have had very lenient lapsed membership practices in the past, at times allowing lapsed memberships to run for years after the paid membership period expired. This was particularly true during the pandemic, but we now find it necessary to ensure that our memberships are current in order to continue providing newsletters and other member benefits.

- To assist you in understanding your membership status, we have begun including membership end dates on RCA mailing labels, and we are working toward including that information on emailed communications as well.
- Membership renewal notices will continue to be sent out in late January or early February.
- Please renew online or mail back your membership renewals as soon as you are able.
- In fairness to all members—and especially to those that faithfully renew their memberships each year—RCA will only be

allowing a 6-month lapsed membership grace period in the future.

- During the grace period, several reminders will be sent to lapsed members either by email or US mail service. But please understand that preparing and sending these reminders is very time consuming and costly, so please renew your membership as soon as you can do so.
- Toward the end of the grace period, in late August or early September, final reminders will be mailed to any members who have not yet renewed their membership. Effective with the fall RCA Newsletter, any non-renewed memberships will be removed from the active member roll, and membership benefits will cease.

RCA is transitioning toward utilizing electronic communications to the maximum extent possible, so that we may use more of RCA's financial resources for the direct benefit of RCFS programs and facilities.

- Rest assured that if you do not have email or you are not comfortable receiving emailed communications such as newsletters, and you have previously notified us that you wish to receive newsletters by mail, we will continue to mail those to you via US Postal Service.
- All RCA membership emails will originate from rca@oswego.edu, please include this address in the safe sender and/or contacts list of your email system to help avoid RCA emails going to your junk mail folder.

It is very important to update us of any contact information changes, particularly your email and US mail addresses. These changes may be sent to rca@oswego.edu or by mail to the field station.

Likewise, if you have any questions about your membership or any other RCA or RCFS-related questions, please email us at rca@oswego.edu.

And again, thank you so much for your continuing support of RCA and the Rice Creek Field Station!

RCA Board Elections

Rice Creek Associates Board of Directors Ballot

Three positions are up for election. Indicate your choices and return by November 14, 2022.

Three-year terms (2023 through 2025)

- ☐ Pat Jones
- ☐ Sheri Morey
- ☐ Michael Flanagan
- ☐ Write-in _____
- ☐ Write-in _____
- ☐ Write-in _____

Send completed form to:

rca@oswego.edu

OR

Rice Creek Associates, Bldg #23

SUNY Oswego

Oswego, N.Y. 13126

About Rice Creek Field Station

Rice Creek Field Station is a part of the State University of New York at Oswego. While its primary function is to provide facilities for field-oriented research and courses in the natural sciences taught at the college, facilities are also available for public education and recreation.

The field station houses superb collections, field equipment, and laboratories. It is surrounded by several hundred acres of forest, fields, trails and wetlands, including Rice Pond. School children visit the field station and many individuals and groups use the area for hiking and cross-country skiing.

Rice Creek welcomes dogs. However, to protect sensitive natural features and as

a courtesy to other visitors, dogs should be on a six foot leash. Also, please be kind and clean up after your pet. Thank you.

Directions

To get to Rice Creek Field Station take Route 104, turn south on Thompson Rd., located 100 yards west of the College's main entrance. The field station is 1.4 miles on the right.

Hours

Monday to Friday 9 a.m. - 4:30 p.m.

Saturday 9 a.m. - 3 p.m.

Trails are open dawn to dusk daily.

When visiting Rice Creek, please sign in and out at one of the brown registration boxes.

Important

RCA Newsletter Delivery Change

As a consequence of trying to reduce operating costs, the RCA Board has decided that starting with the Summer 2022 edition, all future newsletters will be sent by email. Members without email addresses will still receive a mailed copy.

If you have shared an email address with us but still wish to receive a mailed copy, you must notify our newsletter editor, Laurel Artz, at rca@oswego.edu.

We always appreciate your support and want to continue to serve you in the most convenient manner.

Thank you!

Migrating Birds and Butterflies

Paul Knittel



Monarch Butterfly

I have noticed the starlings, cowbirds, and red-wing blackbirds are starting to flock together in larger numbers. They are prepping for their migration to our southern states. They can often be seen on large grassy lawns. At first you may think it's all just starlings, but upon closer examination you may find other species interspersed. At dusk you may find them roosting in the limbs of trees or on reeds in a marsh.

I saw a large flock on a grassy hill and was surprised to see their feeding behavior. The birds in the front of the forging mass would quickly be overtaken by the birds from in the back. It was like an endless black oval rolling along the lawn.

Birds like the oriole, rose-berated grosbeak, the numerous varieties of warblers got started on their journeys in August. Their departure isn't noticeable because as the summer resident leaves, it is replaced by a resident from further up north that is passing through, resting and feeding. Weeks from now we won't see any of them.

I see some hummingbird activity, but not as much as I observed in the middle of summer.

These flying jewels are bulking up at feeders to ensure an adequate supply of energy to fly non-stop across the Gulf of Mexico. These little balls of energy take on such an arduous journey. It really is simply amazing.

About this time of year, years ago, I was in Wisconsin on the shore of Lake Michigan when I started noticing butterfly after butterfly passing by. There was a variety of butterflies big and small and of different colors. I was mesmerized by the steady flow of butterflies. It was as if I was in a silent butterfly parade. I later learned that this particular portion of lake shore was a flyway for migrating monarch butterflies - they

were in abundance. I don't recall what the other species were and I don't think they were migrating any great distance, if they were migrating at all.

Whenever I see a monarch at this time of year

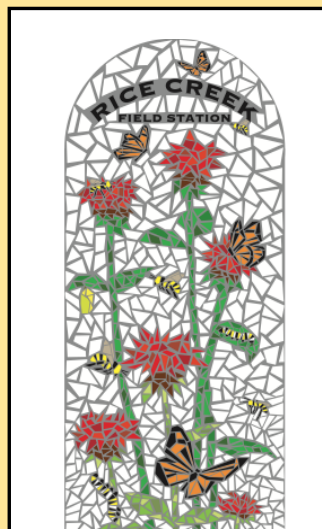
I think of the 2,000 - 3,000 mile journey they are about to undertake. The monarchs here now are part of a Super Generation. They are genetically wired to migrate. The monarchs you saw in late June, July and early August, just lived a few weeks, reproduced during that time and faded away without migrating. This generation will fly over 80 miles a day at a speed topping out at 30 MPH and live for several months. Scientists think they are the same butterflies that will start the return trip north.

Migration, regardless of the species - elk, elephants, or salamanders, is such a fascinating phenomenon. Always intriguing.

Celebrate Family & Friends Weekend at Rice Creek Field Station

Friday, October 21st, 2-5pm, Saturday, October 22nd, 1-4pm,

Visit our **"Inspired by Nature" Silent Art Auction** and related activities featuring live music, refreshments, children's art activities, and a guided nature walk. A variety of artworks will be featured all fitting the theme "Inspired by Nature" and donated by local artists and collectors. Proceeds will support the installation of a commissioned sculpture in the Ruth Sachidanandan Herb Garden by SUNY Oswego art student Kayla Kitchener.



Bids can be placed in person or by calling the field station at (315.312.6677) during the event. For more information, bidding details and to view artworks visit:

www.oswego.edu/rice-creek/programs-and-events/art-auction-inspired-nature

"Harmony" - a mosaic panel sculpture by SUNY Oswego art student Kayla Kitchener (detail of front)

Rice Creek Field Station
193 Thompson Road, Oswego



SCAN ME

Rice Creek

FIELD STATION

STATE UNIVERSITY OF NEW YORK AT OSWEGO

193 THOMPSON ROAD, OSWEGO NY

315-312-6677 • rca@oswego.edu

EVENT INVITATION ANNOUNCEMENT

Experience Rice Creek

Join RCA friends with the SUNY Oswego community for their annual event, 'Experience Rice Creek' Small Grants Symposium, on Saturday, November 12, 2022. The event will commence at the Field Station at 1:00 p.m. for a one-hour social gathering to include refreshments and then welcoming introductions plan to begin 2:00 p.m. promptly, followed by the presentations event.

➤ A free event, open to the public

➤ Attend in-person or a virtually via
QR link → → → → →
or see event web—link at—
[calendar.oswego.edu/event/
experience-ricecreek](https://calendar.oswego.edu/event/experience-ricecreek)



➤ In-person attendees, kindly RSVP to RCA email
by Wed., Nov. 9th (or call the field station)

➤ More information, contact the field station at—
315-312-6677 or email rca@oswego.edu

**APPLY FOR NEXT ROUND OF GRANTS,
DETAILS AVAILABLE NOV 1ST VIA LINK—**
[https://www.oswego.edu/rice-creek/research-and-
academics/small-grants-program](https://www.oswego.edu/rice-creek/research-and-academics/small-grants-program)

**SUNY Oswego COVID-19 latest policy guidelines
found at web link—**

<https://www1.oswego.edu/oswego-forward>

*Posted guidelines is subject to change at any time, for
in-person attendance, please review day of the event*



Rice Creek Associates (RCA) is a support group that was formed in 1986 for the purpose of furthering the goals of Rice Creek Field Station. It is the intent of RCA to expand the scientific, educational, and recreational opportunities at the station through community involvement.

2022 Project Presentations

Harmony ♦

Kayla Kitchener
Undergraduate student of Art
SUNY Oswego

Winter Foraging Ecology of Birds and Mammals on Staghorn Sumac in the Central New York and Finger Lakes Regions

Samuel Krebs
Master's student of Wildlife Ecology & Mgmt.
SUNY ESF

The Prevalence and Intensity of Helminth Parasites in Wild and Domestic Canids from Fecal Samples at Rice Creek

Jordan Meeker
Undergraduate student of Biology
SUNY Oswego

Characterization of Fungal Pathogens Threatening Snapping Turtles

Poongodi Geetha-Loganathan
Associate Professor Biological Sciences
SUNY Oswego

- ❖ *Harmony presentation is the 2022 awardee of RCA's inaugural Outdoor Sculpture Program*
- ❖ *Sculpture dedication planned as viewing during the event social hour, noting project completion is weather permitted*
- ❖ *Noting, the invitation watermark is a sneak preview of the Harmony sculpture design*

Students

- Show commitment of support for public environmental education
- Fund any educational or environmental projects
- Join a community of individuals who care about nature and the environment
- Reduced rates on merchandise and field guides

Join now for just \$5!

Call us at 315-312-6677 or email rca@oswego.edu with any questions.



— Stay Connected with Nature —

Community involvement is essential to making RCA a success and here are some ways you can help:

Join the RCA friends' group or update your membership online:

- Go to www.oswego.edu/rice-creek/about-rice-creek/rice-creek-associates
- Scroll down to membership! All memberships support RCA events and projects.

Make a monetary gift to SUNY Oswego online:

- Go to alumni.oswego.edu/givenow
 - Select "Other" and search for "Rice Creek Associates"
- RCA gifts are payable to The Oswego College Foundation, Inc., a 501(c)(3) not-for-profit corporation. Donors receive acknowledgments via written communication that includes a receipt for income taxes.*

Attend an event! Remember, it's community involvement that makes RCA events a success.

- RCA holds numerous free events throughout the year
- Information can be found on the RCA Facebook site and RCFS website.

Volunteer your time! Here are a few ways:

- Become a board member, meeting one hour monthly.
 - Dedicate a small amount of time to help with miscellaneous grounds projects such as gardening or light trail maintenance.
- Sign up at rcfs@oswego.edu



Don't miss RCA's electronic communications!

Tip: To avoid RCA's mail from landing in your spam mail, be sure to add rca@oswego.edu to your email contact list!



2022-2023 RCA Reflections & Events

October 21-22, 2022

Inspired by Nature Silent Art Auction

Friday 9/21 2-5 p.m., Saturday 9/22 1-5 p.m.
(bidding ends at 4 p.m.)

November 12, 2022 • 2 p.m.

RCA Small Grants Symposium: Experience Rice Creek

December 3, 2022 • 2 p.m.

Kindred Kingdoms Wildlife Inc. Rehabilitation Center, Jean Soprano

February 4, 2023 • 2 p.m.

Fishing, Mike Huyn

March 25, 2023 • 2 p.m.

Landscaping- Pruning Native Plants, Fernando Araya, Plant CNY

May 13, 2023 • 2 p.m.

Butterflies, Mike Holy

June 24, 2023 • 2 p.m.

Plant Succession in Wetlands, Jim Seago

September 16, 2023 • 2 p.m.

Visit to the Herb Garden, Kamal Mohamed



TELESCOPE OBSERVATION SESSIONS

**OBSERVE THE MOON,
CONSTELLATIONS, & PLANETS**
THROUGH OUR LARGE 16" DIAMETER
TELESCOPE IN THE DOME

DATES & TIMES

8PM - 10PM

SEPT. 30, OCT. 1

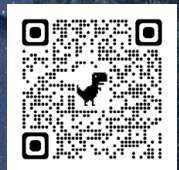
NOV. 4&5, DEC. 2&3

WEATHER DEPENDENT

CALL 315-312-6621 AFTER 7 PM TO
HEAR A RECORDED WEATHER UPDATE

FREE DROP IN PROGRAM!

RiceCreek
FIELD STATION



We're social!



Find us on Facebook at:

Rice Creek Field Station
facebook.com/ozricecreek

Rice Creek Associates
facebook.com/rice.creek.92



Find us on Instagram at:

Rice Creek Field Station
instagram.com/ozricecreek



Find us on YouTube at:

Rice Creek Field Station
youtube.com/channel/UCvyF3fZP9dmZP1Nr5rIUOiA



Current RCA Board Members

The operational policies of Rice Creek Associates are managed by its Board of Directors. Directors are elected from the general membership and serve three-year terms.

Laurel Artz, President

Michael Holy

Pat Jones, Co-Vice President

Michael Flanagan

Sheri Morey, Co-Vice President

Paul Knittel

Wendy Fragale, Treasurer

Brooke Goodman, Student Representative

Don Artz, Secretary

Andrew McElwain, Small Grants Chair

Rice Creek Field Station Staff

Kamal Mohamed, Director

Alan Harris, Groundskeeper

Kristen Haynes, Assistant Director

Wendy Fragale, Secretary

Make a Gift

Visit oswego.edu/rice-creek/about-rice-creek/rice-creek-associates to make your gift. If you wish your donation to go toward a specific project or cause, please let us know by phone or email (315.312.6677 or rcfs@oswego.edu)

1. Under 'area of support' choose "Other or Multiple"
2. Type in Rice Creek in the search box
3. Click RCA under "Scholarships& Funds"

Your Gift

Gift Amount * \$

PLEASE SELECT YOUR AREA OF SUPPORT: *

☐ Where the need is greatest

1. ☒ Other or Multiple

If we have any questions about where you wish to restrict your gift we will contact you to clarify your designation.

Areas of Support

2.

Rice Creek



Choose the area(s) you would like to support. If the designation(s) you are seeking is(are) not listed please CHECK "OTHER" and click "CONTINUE" below, where you'll then be able to specify in the text box provided.

1 Selected

3.

Scholarships & Funds



Rice Creek Associates



Rice Creek Endowment Fund

CLOSE

CONTINUE

Membership Renewal Reminder

Our yearly membership runs from March 1 to February 28. If you have any questions concerning your current RCA membership, email Don Artz at rca@oswego.edu.

We consider all member information confidential and will not share it with any other groups or businesses.

Please notify us of any changes to your address, email, phone or name. We strive to send our newsletter and event notifications to you in a timely manner.

Our Board of Directors thanks you for your support and looks forward to bringing you the best that Rice Creek has to offer.

Membership renewal can now be done online!

To renew and/or donate online, go to alumni.oswego.edu/RCAmembership

To members who donate through SUNY system payroll:

Thank you to our members who donate through SUNY system payroll deductions. In the past these donations have been directly applied to RCA general funds. If you wish your donation to be applied to your annual membership or any other RCA specific program please email us at rca@oswego.edu

Join/renew RCA membership

Name _____

Address _____

City _____ State _____ Zip _____

Email _____ Phone _____

Date _____

ALL MEMBERSHIPS ARE MARCH 1 – FEBRUARY 28

☐ New Membership ☐ Membership renewal

Share name in newsletters? ☐ Yes ☐ No

LEVEL:

☐ Student (\$5.00) ☐ Individual (\$10.00) ☐ Family/Couple (\$15.00) ☐ Contributing (\$25.00)
☐ Sustaining (\$50.00) ☐ Life (\$250.00) ☐ Corporate (\$500.00)

I/We would like to make a tax-deductible contribution in addition to membership fees to the

☐ General Fund ☐ Trail improvement ☐ Exploring Nature Program for Children ☐ Small Grants Program

in the amount of \$ _____

TOTAL ENCLOSED (membership + contribution): \$ _____ Date _____

Please make checks payable to: Oswego College Foundation/RCA

Return to: Rice Creek Field Station
SUNY Oswego, Bldg #23
Oswego, New York 13126



Rice Creek Associates
RCFS #23
Oswego, New York 13126

T0: