



# CLCS News

SPRING/SUMMER 2018

The Copake Lake Conservation Society endeavors to protect the quality of the Copake Lake watershed, preserve the ecological balance, and promote safe recreational use of the lake.

Box 37 ≈ Craryville, NY 12521 ≈ [info@copakelakecs.org](mailto:info@copakelakecs.org) ≈ [www.copakelakecs.org](http://www.copakelakecs.org)

## President's Message

Welcome to the 2018 spring edition of the Copake Lake Conservation Society newsletter. The Board of Trustees (BOT) has been very busy over the last several months reviewing lake treatment options and shoreline erosion issues, studying the dam for water flow, and gathering data on invasive species, to name a few topics that will benefit our lake property owners today and for generations to come. Combining strategic planning for sustainable solutions is always a challenge. Factor in a growing lake population, extended seasonal use of the lake waters, and Mother Nature's deviations from what we have known as the "norm", and these factors intensify the outcome. Many have seen the growth and restoration around our lake. This brings increased activities on our waters. In years past, by the Labor Day holiday, the utilization of the lake would diminish with the exception of our avid fishermen. Over the most recent decade, you will find boats, water skiers, tubers, and PWCs sharing the lake with those same avid fishermen well into October. The Copake Lake Conservation Society has been weighing possible options to assist in using the lake later into the fall season and throughout the winter as the lake freezes. Mother Nature's variations from high to low degrees of temperature, from rain bursts to dry spells, from heavy winds to still air, and from thick ice to no ice, are affecting our lake waters, shoreline, and watershed each in their own unique way. Finding a balance matters!

After extensive analysis of our lake environment and careful deliberation, the CLCS BOT voted on a treatment plan for the future of our beloved lake. This plan is initially costly, budgeted for \$179K, but spread out over a three-year time period it is not totally out of range with our existing individual yearly treatment expenses. Year after year the cost of goods and services continues to rise. Since 1979, the Copake Lake Conservation Society has asked for annual membership dues of \$100. The BOT, over the years, has brought up the need to increase the dues. However, rather than increase dues the BOT has consistently come up with innovative fundraising opportunities to help offset increasing costs, for example, ads in our newsletter, the Summer BASH, the Labor Day Weekend raffle, and the sale of merchandise. I cannot urge people enough to become members. Please get involved in contributing to help maintain our waters. Your contributions will help maintain our savings reserves, preparing for rainy days. The Copake Lake Conservation Society is very grateful for all our lake members. Thank you to the Lake Angels, Lake Fanatics, Lake Lovers, Lake Members, and Lake Friends for your years of generous support. It is immeasurable. Your contributions are the pillars that support Copake Lake. Remember lake value equates to property value! Membership matters!

We all want safe navigable waters which is part of our mission statement. However, we need everyone's help in achieving this goal. What better way than to start the season off with our annual CLCS Shoreline Clean Up Day on Saturday, May 26, from 9 a.m.-12 noon (rain date Sunday, May 27, from 9 a.m.-12 noon. Please mark your calendars and lend a hand to free our waters from debris. Clean up matters!

Whether you are concerned about membership and dues, or safety on the lake, or preserving Copake Lake for future generations, your point of view is very important to us! Please come and let your voices be heard at our annual meeting held at the Copake Town Hall on Saturday, July 7, from 10 a.m.-12 noon. Your voice matters!

Take a look inside the newsletter at our CLCS calendar for several other up and coming events. I am looking forward to the seasons ahead with an abundance of warm sunshine, sparkling waters, hours of laughter, and crossing paths with many of you in the months ahead. Lake Life Does Matter!

Peace and limitless blessings to all.

**Debra Ruggieri**



photo by Debra Ruggieri

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# CLCS 2018 Board Of Trustees

## OFFICERS/TRUSTEES (TERM EXPIRES)

Debra Ruggieri <i>President (2018)</i>	Jackie Bernstein <i>Recording Secretary (2019)</i>
Edward Werfelman <i>Vice-President (2018)</i>	Lynn Gelman <i>Corresponding Secretary (2019)</i>
Jim Murphy <i>Treasurer (2019)</i>	

## ADVISORS TO THE TRUSTEES

Anderson, Mark	Knoecklein, George, Ph.D. <i>(Limnologist)</i>
Bowers, Brad	Schaefer, Keith
Daum, Susan <i>(Toxicologist)</i>	Urban, Jon

## TRUSTEES (TERM EXPIRES)

Cherie Berk (2018)	Jed Luchow (2019)
Barbara Bunger (2019)	Muriel Muldorf (2019)
Fred Bunger (2018)	Maria Powers (2018)
Colleen Closson (2019)	Liz Nealon (2019)
David Craw (2018)	Barbara Rindler (2019)
Joyce Craw (2019)	Russ Stein (2019)
Eileen Faranda (2018)	Stu Troyetsky (2018)
Lindsay LeBrecht (2018)	

# CLCS 2018 Committees

## Communications

The Communications Committee serves to design, publish, and monitor various media communications, such as the newsletter, website, email correspondence, and road signs.

### NEWSLETTER

Joyce Craw	Barbara Rindler
Jed Luchow <i>(editor)</i>	Debra Ruggieri
Sharon Luchow**	Anne Weisholtz**

### ELECTRONIC

Lindsay LeBrecht	Liz Nealon
Jim Murphy*	Barbara Rindler

### PUBLICITY

Cherie Berk	Edward Werfelman
Jim Murphy*	

## Education

The Education Committee is responsible for the design, writing, and dissemination of educational materials, and the presentation of educational programs for the membership.

Cherie Berk	Maria Powers*
Barbara Bunger	Debra Ruggieri

## Finance

The Finance Committee supports the functions of the treasurer, including the creation of an annual budget, the purchase and review of insurance policies, year end audit, bookkeeping, and filing of tax returns.

Jim Murphy	Debra Ruggieri
Barbara Rindler	Edward Werfelman*

## Fundraising

The Fundraising Committee serves to design, propose and organize activities for the purpose of raising funds for the organization.

Jackie Bernstein	Jim Murphy
Colleen Closson*	Rich Pawlikowski**
Maria DiSalvo**	Debra Ruggieri
Lynn Gelman	Edward Werfelman*
Lindsay LeBrecht	
Muriel Muldorf	

## Lake Management

The Lake Management Committee is responsible for the collection, analysis, and dissemination of information regarding the vitality and maintenance of the waters, shoreline, and watershed of Copake Lake. Grant Committee (GC) is a sub-committee of Lake Management Committee.

Rick Aluisio**	Gary Mastropolo**
Barbara Bunger GC	Debra Ruggieri
Fred Bunger*	Keith Schaefer**
David Craw GC	Buddy Sinisi**
Brad Dubler**	Russ Stein* GC
Ron Flaum** GC	Stu Troyetsky
Russ Funk**	Jon Urban**
Lindsay LeBrecht	Ed Werfelman
Jed Luchow	Mike Whitcomb**

## Membership

The Membership Committee maintains a list of membership, addresses, and contribution history; and generates materials that assist in maintaining membership roles.

Debra Ruggieri*	All Board Members
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## Nominating

The Nominating Committee is responsible for producing a slate of candidates for the election of trustees, and a slate of candidates for the Officers of the Corporation.

Joyce Craw*	Jed Luchow
Eileen Faranda	

\*Chairperson \*\*Volunteer

Join any of the committees listed above or consider applying to join the Board of Trustees. It's a great way to meet new people and help your lake community. Go to [info@copakelakecs.org](mailto:info@copakelakecs.org) to let us know of your interest.

# CLCS Contributors (2017)

Every effort is made to keep the membership list up to date. We apologize for any errors.  
If you have contributed and your name does not appear on the list please email us at [www.copakelakecs.org](http://www.copakelakecs.org)

## Lake Angels - \$1000 - +

Michael & Sophie Bienstock  
Stacey & Miles Braffett  
Barbara Braunstein  
Pam & Rick Brown  
Barbara & Fred Bunger  
Paul Casey And Marika Pritchett-Casey  
Denise & Steven Chickery  
Joyce & David Craw  
Chase Booth / Gray Davis  
Emilia & Paul Denu  
Michael & Janet Fried  
Island Homeowners  
Kim Barton/Mitchell Konsker  
Jed & Sharon Luchow  
Javier Vargas/Monica Machado  
Barbara & Ross Mauri  
Marie & Jerry Pindis  
Brian & Carol Powers  
John & Joyce Varvatos

## Lake Fanatics - \$500-999

Ralph & Cherie Berk  
Karen Lau/Peter Chudy  
Monica/Roger Kaplan/Isabelle Kaplan Cohen  
Lisa & John Eckstein  
James & Eileen Faranda  
Madeline Freed  
Beth Feeney/Kathy Gleeson  
Doug & Anne Kleeschulte  
Bari & Lex Malas  
James & Jennifer McHale  
Muriel & Raymond Muldorf  
"RHF Marine Enterprises, Inc."  
Alexandra & Scott Rosenberg  
Martin & Laurie Scheinman  
Liz Nealon/Seymour Simon  
Elissa & Jeffrey Steiner  
William G. Sweeney  
Dennis Posen/Ilise Zimmerman

## Lake Lovers - \$200-499

Ilana Reich & Bob Agnes  
Linda Senk/Dr. Scott Altman  
Rick Aluisio  
Kevin & Gloria Anderson  
Anonymous  
Jay & Mona Aronstam  
Carolyn And Paul Aversano  
Ron & Kristen Axelrad  
Frank & Nancy Bader  
Ryan Walsh/John Barbato  
Carl & Kathy Bergquist

Jackie & Stanley Bernstein  
Janet A. Biedermann  
Charles & Tracy Bird  
Janet Moy & Pat Bishow  
Raffaele & Jill Bonaiuto  
James & Ruth Ann Carmody  
Jeff & Melissa Chambal  
Carolyn J. Chernick  
Anthony & Patricia Chibbaro  
Laura & Mary Christianson-Coyle  
Colleen Closson  
Ellyn & Daniel Cohen  
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Irene & James Connors  
Raymond M. Connors  
Arthur & Joanie Cooper  
Alan P. Crowley  
Blaise D'Ambrosio  
Robert & Marilyn Derector  
Jan & Steven Dewey  
Maria DiSalvo  
Adrian Pollack/Matt Eastwood  
Jesse & Veronica Farber  
Karen & Tony Ferrari  
Ron & Alicia Flaum  
Belle And Jim Frank  
Amy & Mark Frank  
Sandie & John Freiman  
Michael & Anne Gershon  
Carl Ritchie/Christopher Grant  
Gene & Kelly Hood  
Dale & Wendy Huber  
Nick & Ruth Karush  
James Lalime/Jane Landers  
Stephen & Patricia Latzman  
Donna & Bob Lawrence  
Barbara & Robert Levine  
Spiro & Marlena Malas  
Barry McCarthy  
Michael & Joyce McGovern  
Douglas & Ellen McHale  
Robert & Jeanne Meister  
Sefket Metjajic  
Ed Ellien & Gayle Morgan  
Sheila Moss  
Dominick Novielli  
Karen Page  
Tom Feeney/Paul Parzuchowski  
Richard & Margaret Pawlikowski  
Gary & Deborah Peck  
Jack & Ann Peluso  
Raymond & Starr Rickman  
Geraldyn Carl/Ron Rock

Richard & Maria Scardino  
Keith & Pelida Schaefer  
Edward & Karen Scharf  
Jeremy & Kim Schokman  
Steven & Karen Schutzer  
Doug & Barbara Sherman  
Fred & Eloise Silverman  
Elayne & Philip Smith  
Eric & Carol Sokol  
Michael & Grace Sole  
Wayne & Deborah Sprague  
Russell & Rachel Stein  
Robert Strohmeier  
Barry Polayes & Carol Tiger  
Slb And Dean Tow  
Deborah Silver/Joseph Towbin  
Stuart & Marcia Troyetsky  
Marcia & Robert Untracht  
Lynn & Lou Varuzzo  
Alan Wanzenberg  
Renee & Arthur Weisbaum  
James Murphy & Edward Werfelman  
Michael & Jean Whitcomb  
Salvatore & Tina Zerbo

## Lake Members - \$100-199

Anonymous  
Rose & Ehud Arbit  
Lois Atkinson  
Nathan & Helen Bernstein  
Birches Homeowners Assoc.  
Guy Bolognese  
Enid & Mark Bruck  
Mary & John Canevari  
Frances Cicogna And Gregory Caron  
Jason & Susan Chadkin  
Randy & Susan Cohen-Byrne  
Jeffrey Judd/Carole Coleman  
Faith Coleman  
Copake Lake Realty Corp.  
Caroline & Patrick Corcoran  
Christine & John Corcoran-Wiswell  
Jodi/George Disch  
Brad & Marla Dubler  
Bruce & Allison Egert  
Kenneth & Samantha Epstein  
Dorothy & John Evangelista  
Albert & Noel Fair  
Barbara & Tony Falanga  
John & Grace Feighery  
Lorraine Feitelson

Bob Robinson/Leona Fitzgerald  
Robert & Michelina Flick  
Annelise Fortier Atamian  
Rose Marie & David Foth  
Doris Varlese/Eric Freed  
Gelfo Family  
Cathy & Rich Gelman  
Lynn & Mitchell Gelman  
Jonah Pesner/Dana Gershon  
Barbara & Philip Gips  
Marilyn Goldman  
Robert & Leeann Greene  
Sheldon & Helen Gross  
Margaret Hawley  
Kevin & Kelly Hill  
K&E Hilton  
Dr. Tom And Pam Miller Hom  
Elsie M. Hommes  
Katie & Larry House  
Michelle & Matthew Ingber  
Joan & James Israel  
Peter & Susan Jacobson  
Richard Kabata  
Geraldine & John Keelyn  
Andrea Freshman & David Kiefer  
"Nancy, Gregg & Kiley Killawee"  
Patrick & Janet Kirwan  
Witold & Krystyna Kulczynski  
Paul & Joan Layer  
Lindsay Lebrecht  
Ken & Kerri Lenihan  
Barbara & Brett Lewis  
The Lighthouse Marina  
Paul & Gail Marano  
Gigi & John Marsh  
Donald Lehr/Karen Marshall  
Albert R. Mauri  
Cyd & Tim McDowell  
Gerald & Linda Melody  
Toni McGinley/Mark Merchant  
Brett & Kim Merker  
Steve & Liz Meszaros  
"Victor Mevo, Jr"  
Bruce & Lorrie Millman  
John Joe Minella  
John & Kathy Miracola  
Cheryl Moch  
Eliot & Jackie Morrison  
Charles & Sue Murkofsky  
Andrea Newman  
Adam & Elizabeth Olejniczak  
Jennifer & William Oliveira  
Matthew & Maryann Paliwoda

# CLCS Contributors (2017) continued

Every effort is made to keep the membership list up to date. We apologize for any errors.  
If you have contributed and your name does not appear on the list please email us at [www.copakelakecs.org](http://www.copakelakecs.org)

"Ethan Turner, Jason Turner & Ruth Pelham"  
Sam & Maura Pittelli  
Jerzy & Ursula Podgorski  
Teresa Okula Polak And Zbigniew Polak  
Maria & Don Powers  
C/O Peter Chudy President Estates  
Suzanne Prezioso  
Larrison & Fran Pross  
James & Deborah Raab  
Barbara Eda-Young/Joseph Ragno  
Richard & Elise Resnik  
Thomas & Debra Riell  
Barbara Kaese Rindler  
Lisa & John Roberts  
David & Debra Rosenfeld  
Steven & Joyce Rosenthal

Eli & Judy Rosman  
Van Mackey/Buz Rosmilso  
Angel & Wendy Rubet  
Debra & Mark Ruggieri  
Susan & Phil Saline  
Ellen & Bruce Salkin  
Suzanne & John Shadic Hallenbeck  
Marissa Shedd  
Dominick & Vera Sinisi  
William & Maree Spampinato  
John & Michelle Spiezia  
Stolle Family  
Barbara & Richard Strauss  
Andrew & Deborah Stromberg  
Patrick & Connie Tartaglia  
Allen Feltman & Sarie Teichman

Adrienne Kokulka & George Toth  
James & Margaret Vaeth  
Mark Vaeth  
Frank Wadolowski  
James & Anne Wagner  
Thomas & Cindy Walsh  
Steven & Anne Weisholtz  
Emily Weiss  
Dave & Lori Willoughby  
Michael & Diane Yanniello  
Charles & Virginia Zabatta

Julia B. Newton/Michael M. Feibish  
Michael Grossi  
Philomena Jensen  
Linda Ketay  
Susan Benjamin Krim  
Patricia & Roland Laffert  
Arthur Z. Lignowski  
Joel & Sari Kaplan Mittler  
Paul & Carol Scott  
Arnold & Ann Van Deusen

## Lake Friends -under \$100

Shelly & Leonard Barham  
Marion Baty  
Thomas & Janet Cook  
Carol & Stephen Fass

## Matching Contributions

Central Hudson Gas and Electric  
GE Foundation  
"Huber Enterprises, Inc."  
IBM  
Vanguard Charitable

# In Honor and In Memory Contributors 2017

CONTRIBUTORS	IN HONOR
Julia B. Newton/Michael M. Feibish	In Honor of Jed & Sharon Luchow
Sheldon & Helen Gross	In Honor of Belle & Jim Frank's Anniversary
Dr. Tom And Pam Miller Hom	In Honor of Jed & Sharon Luchow
Linda Ketay	In Honor of Muriel Muldorf
Barry McCarthy	In Honor of Barbara McCarthy
Joel & Sari Kaplan Mittler	In Honor of Jed & Sharon Luchow
Alexandra & Scott Rosenberg	In Honor of Jed & Sharon Luchow
Elayne & Philip Smith	In Honor of Sharon & Jed Luchow
Slb And Dean Tow	"In Honor of Joyce Contra & Philomena Jensen; In Memory of Lloyd Jennings, Jr. & Kent Rossman"
Dennis Posen/Ilise Zimmerman	In Honor of Belle & Jim Frank's 40th Wedding Anniversary
CONTRIBUTORS	IN MEMORY
Birches Homeowners Assoc.	"In Memory of Betsy Blank, daughter of Anita Blank"
Barbara & Fred Bunger	In memory of Del and Jim Carmody/In Memory of David Goldman
Joyce & David Craw	In Memory of Morry Ordovery; In Memory of David Goldman
Alan P. Crowley	In Memory of Frank Duffy
Jan & Steven Dewey	"In Memory of George, Betty & Craig Silkworth"
Lorraine Feitelson	In Memory of Richard & Kimberly Feitelson
Bob Robinson/Leona Fitzgerald	In Memory of Samara Fitzgerald Pelzel
Madeline Freed	In Memory of Kenny Freed
Marilyn Goldman	In Memory of David Goldman
Katie & Larry House	"In Memory of Robert ""Bo"" Farley"
Nick & Ruth Karush	In Memory of Deborah Erwin
"Nancy, Gregg & Kiley Killawee"	"In Memory of ""Hunter"
James & Jennifer McHale	In Memory of James P. McHale Sr.
Sheila Moss	In Memory of Morry Ordovery
Andrea Newman	In Memory of Sherwood Newman and Joyce Coward
Jennifer & William Oliveira	In Memory of Greg Evangelista
Doug & Barbara Sherman	In Memory of Harold Sherman
Adrienne Kokulka & George Toth	In Memory of Susan & Tibor Toth
Stuart & Marcia Troyetsky	In Memory of David Goldman



# Copake Lake Annual July 4th Boat Parade (2018)\*

**T**raditionally, Copake Lake's July 4th Boat Parade begins promptly at 1:00 p.m. setting sail from Southwest Colony and ending at Southwest Colony! Cort and Maria Wright customarily lead the boat parade around the perimeter of the lake in all weather (other than lightening). This year the Judging Station will be at the dock of Denise and Steven Chickery along Golf Course Road.

Our judges will be from the 2017 winning pontoon boat category, "Make America Grape Again," with Captain Steven Chickery and his crew, Denise Chickery and Tom Kacherski. In the speedboat category, the 2017 winner was "Shake for the Lake," with Captain Jed Luchow and his crew Sharon Luchow, Ali Rosenberg, Jack Rosenberg, Phoebe Rosenberg, Sam Rosenberg, and Scott Rosenberg. In the small watercraft category, the 2017 winner was "Party Like It's 1776," with Erin Marie Doyle, Angelina Oliveira, and Rebecca Ruyack.

July 4th is on a Wednesday this year. Join us on land or by sea. Fill your July 4th with lasting memories.

Happy Birthday America from Copake Lake!

\*not a CLCS event

**Steven Chickery and Debra Ruggieri**



July 4th Boat Parade winners "Make America Grape Again",  
photo by Katie Vitthun

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## Treasurer's Report

### PROFIT & LOSS

JANUARY TO DECEMBER 2017

#### Income:

Ads	2,520.00
Fundraising	7,657.49
Contributions Income	59,040.85
Interest Income	988.70
<b>Total Income</b>	<b>70,207.04</b>
<b>Gross Profit</b>	<b>70,207.04</b>

#### Expenses:

Administration	3,103.26
Communications	10,767.61
Lake Management	79,502.14
<b>Total Expenses</b>	<b>93,373.01</b>
<b>Net Operating Income</b>	<b>-23,165.97</b>
<b>Net Income</b>	<b>-23,165.97</b>

# 2018 Schedule of Meetings and Events

**Note:** This calendar reflects the traditional meetings and events at or around the Copake Lake community area.  
Please consult the CLCS website for up-to-date information ([www.copakelakecs.org](http://www.copakelakecs.org))

## April-June

## Treatment with Sonar(R) to control invasive weed growth\*

**Saturday, May 5, 2018**  
9 a.m.

**CLCS Board of Trustees Meeting**  
The Greens Restaurant

**Saturday, May 19, 2018**  
9 a.m. - 12 noon

**Town of Copake Clean-up Day**  
Town Garage, 47 School Road. No construction or demolition waste.  
Call Town Hall 518 329-1234 Ext 2 for more info

**Saturday, May 26, 2018**  
9 a.m. - 12 noon

**Copake Lake Annual Shoreline Clean-Up Day**  
Corner County Route 7 and Lakeview Road. No construction debris. 4 tire limit.  
Rain date Sunday, May 27, 2018

**Saturday, June 2, 2018**  
9 a.m.

**CLCS Board of Trustees Meeting**  
The Greens Restaurant

**Saturday, June 9, 2018**  
5 p.m. - 7:30 pm

**Roeliff Jansen Community Library Gala**  
Roeliff Jansen Community Park, Harvest Barn 9140 Rte 22, across from the library.  
Check website for further details [www.roejanlibrary.org](http://www.roejanlibrary.org)

## Late June

## Treatment with Se Clear G if required to treat for algae\*

**Wednesday, July 4, 2018**  
1 p.m.

**Annual 4th of July Boat Parade**  
Begins at Southwest Colony

**Saturday, July 7, 2018**  
10 a.m.

**CLCS Annual Meeting and Open House**  
Copake Town Hall

**Saturday, July 14, 2018**

**14th Annual Summer Bash, Theme: "Denim and Diamonds"**  
The Greens Restaurant.; cocktails 6:30 p.m., dinner 7:30 p.m.

## Late July

## Treatment with copper sulfate if required to control algae\*

**Saturday, August 4, 2018**  
9 a.m.

**CLCS Board of Trustees Meeting**  
The Greens Restaurant

**Saturday, August 11, 2018**  
9:00 p.m.

**Annual Fireworks at Copake Country Club**  
Organized by Denise Chickery and supported by community donations.

**Saturday, August 18, 2018**

**Copake Falls Day**  
Check website for details. [www.copakefallsday.org](http://www.copakefallsday.org) or call 518-329-3251

**Saturday, September 1, 2018**  
9 a.m.

**CLCS Board of Trustees Meeting**  
The Greens Restaurant

**Sunday, September 2, 2018**  
11 a.m.

**CLCS Labor Day Weekend Raffle**  
The Lighthouse Marina

**Saturday, September 22, 2018**

**6th Annual Roe-Jan Ramble Bike Tour**  
10am Copake Memorial Park  
This ride will go through Copake, Hillsdale and Ancram.  
For more information go to: [roejanramble.org](http://roejanramble.org) or call Tom Goldsworthy 347-952-5764.

*\*Lake treatments will be scheduled as needed. Treatment dates will be made firm based on lake testing results. Notices will be posted around lake 7 days prior to treatments. Check our website for dates and more information. [www.copakelakecs.org](http://www.copakelakecs.org)*

*\*\* Columbia County Hazardous Household Waste Collection. Check website for date: [www.colombiacountyny.com](http://www.colombiacountyny.com)*



*Early morning on Copake Lake, photo by Alicia Flaum*

## MARK YOUR CALENDAR!

PLAN TO ATTEND OUR ANNUAL  
MEETING/OPEN HOUSE TO  
LEARN WHAT IS GOING ON  
WITH COPAKE LAKE!

**Come meet your neighbors  
and hear about the CLCS!**

Saturday, July 7, 2018  
10:00 a.m. – 12:00 noon

COPAKE TOWN HALL  
230 Mountain View Road, Copake  
518-325-1234

**9:30 a.m.**  
**Light Refreshments Served**

**2018 CLCS merchandise for sale**

SPONSORED BY THE COPAKE LAKE  
CONSERVATION SOCIETY

## MARK YOUR CALENDARS

### SUMMER BASH 2018

at The Greens

**Saturday, JULY 14, 2018**

Theme: "Denim and Diamonds"

Cocktails at 6:30 p.m.

Dinner at 7:30 p.m.

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# Membership 2018

**W**elcome springtime! See ya later winter! It's always nice to have that expectation of knowing that the leaves will be unfolding, the flowers will be popping up, and all the beautiful little creatures will be out roaming about for our eyes to enjoy! All the grays and browns will change to shades of green. Our frozen snow covered lake will turn into beautiful glistening blue waters. The shorter days will grow into an abundance of sun filled daylight. The cooler temperatures will begin to rise to warm our souls. All these are wondrous treasures that we get to appreciate year after year! Mother Nature at her best!

For the Copake Lake Conservation Society (CLCS) to be at its best, we rely on each of your yearly donations to support our work in helping to keep our lake pristine. Without your individual yearly contribution the funds would not be there to treat, test, and monitor our waters. To obtain additional information about the Copake Lake Conservation Society I urge you to reach out to any Board member, submit any

questions through our website ([info@CopakeLakecs.org](mailto:info@CopakeLakecs.org)), or contact me directly at 518.325.4747. Our membership year runs from January 1 to December 31. A yearly minimum contribution of a \$100, tax deductible, will qualify you to become a CLCS member. Only CLCS members can vote to elect our Board of Trustees at our annual meeting (July 11, 2018, Copake Town Hall, 10:00 a.m.). I do hope each of you will take a moment to fill out the contribution envelope enclosed or use the CLCS online contribution process to make your donations ([www.copakelakecs.org](http://www.copakelakecs.org)).

Your support is critical to the overall conservation of our lake.

Thank you in advance for your contributions.

**Debra Ruggieri**

*Membership Chairperson*



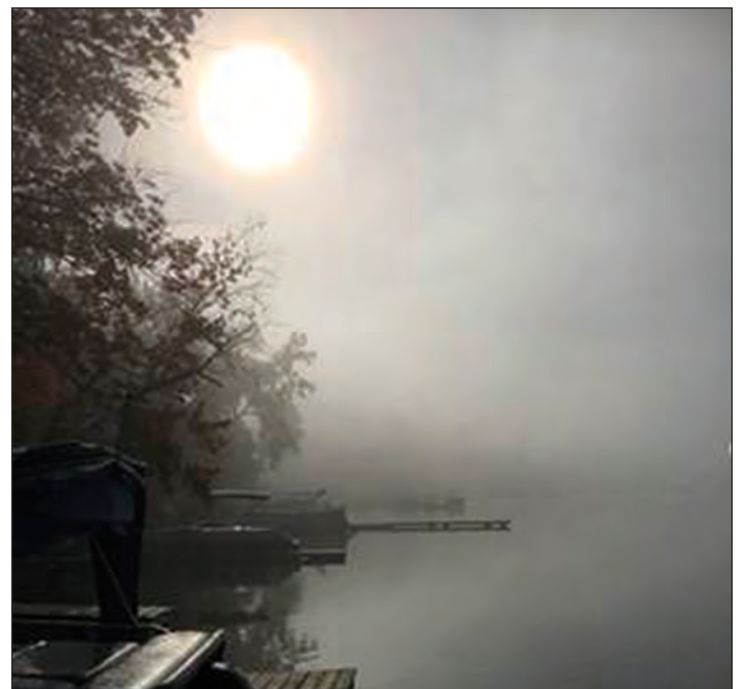
*Cort & Maria Wright lead 2017 July 4th Boat Parade  
photo by Debra Ruggieri.*



*Warmth of a Sunset, photo by Buddy Sinisi*



*A Spring Morning Moon Setting, photo by Kim Schokman*



*Foggy morning at South West Colony, photo by Colleen Closson*



# Town of Copake Clean-Up Day (May 21) & Copake Lake Shoreline Clean-Up Day (May 26)

*Although these two events are similar in nature, there are important differences to note.*

**Town of Copake Clean-Up Day** is being held on **May 21, 2018** (Saturday) from 9:00 am to 12:00 noon at the Copake Town Garage, 44 School Road (off Route 22 by the old Roe Jan School). You can bring your broken lawn chairs, old lamps, TVs, batteries, tires (maximum of 4, none larger than 19" rims), and pretty much everything other than household garbage and hazardous waste such as paint. Go to [www.copake.org](http://www.copake.org) for exact information. Proof of residency required. For additional information contact Copake Town Hall at 518-329-1234.

**Copake Lake Shoreline Clean-Up Day** is scheduled for **May 26, 2018** (Saturday of Memorial Day Weekend), with rain date of Sunday, May 27, 2018) from 9:00 am to 12:00 noon. This event is sponsored by the Copake Lake Conservation Society for the express purpose of removing debris that has accumulated over the winter from Copake Lake and from its shoreline. Copake Lake neighbors are asked to remove debris from the lake and shoreline and place it along Golf Course Road, Lakeview Road and County Rte. 7 up to Juliana/Jefferson Drives. Jon Urban of The Greens/Copake Country Club will donate the services of a pick-up truck and maintenance workers, who will drive along the shoreline beginning at 10:00 am, pick up the debris, and dispose of it in the dumpster at the triangle at County Route 7 and Lakeview Road (where we also have the CLCS Community bulletin board). This truck will make ONE trip, starting at

10:00 a.m., from Golf Course Road to Lakeview Road to County Route 7 ending at Juliana/Jefferson Drives. We encourage residents to bring your own lake debris directly to the dumpster, if possible. Carmen Barbato, Inc. donates the dumpster for the three hours and the Town of Copake pays the tipping fee. Please respect these donations and do not bring any household rubbish to this dumpster. CLCS Board members will monitor the dumpster from 9:00 am-12:00 noon. CLCS 2018 merchandise will be available for sale during those hours at the CLCS Information Booth at the triangle at Lakeview Road and County Rte. 7. CLCS began Shoreline Clean-Up Day nearly two decades ago and since then we have removed tons of debris from Copake Lake and its shoreline.

**Jed Luchow**

*Lake Management Committee*



*Old bottles pulled from the lake during shoreline clean-up, photo by Fran and Amy Pross*

## SPECIAL THANKS

to Russ Funk of RHF Enterprises  
(dba Copake Lake Boat & Ski)  
for donating the use of a boat during the  
spring, summer, and fall to Dr. George  
Knoecklein, a limnologist who is our lake  
management consultant. Dr. Knoecklein  
uses the boat for the better part of a full  
day sampling, measuring, and observing  
the ecology of Copake Lake.



*Shoreline clean-team, photo by Cherie Berk*



# DATES TO REMEMBER

- Monday, May 28th - 3rd Annual Lawn Game Olympics
- Early June - Summer Kickoff Lobster & Clambake
- EVERY Thursday, June 14th to August 30th - Live Outdoor Music Series
- Saturday, July 14th - CLCS Annual Summer Bash
- Saturday, August 11th - Annual Fireworks Night & Family BBQ

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# Approved NYS Boat Safety Certification Requirements

According to New York State Boating Laws and Regulations, you must hold an approved NYS boat safety certificate if:

- You were born on or after 5/1/96. You must successfully complete an approved NYS boating course in order to operate any type of motorized vessel.
- You operate a personal watercraft and are at least 14 years of age.
- You wish to operate a motorboat (other than a personal watercraft) and you are at least 10 years old and less than 18 years old.
- If you are less than 10 years old you may operate a motorboat (non-PWC) only if someone over 18 is on board with you. Anyone may operate a personal watercraft if someone over 18 is on board with you and they hold a NYS approved boat safety certificate.

## Courses offered online or live in classrooms:

There are many opportunities to take the NY State Boat Safety Course. Courses may be taken in classrooms or online. Classes are posted regularly on the following website:

<https://parks.ny.gov/recreation/boating/boating-safety-class.aspx>

Education Committee

*For our Copake Lake Community*

## IN MEMORIAM

Christine Callander




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# 2018 Copake Lake Boating Rules And Regulations

Source, New York State Office of Parks Recreation & Historical Preservation ([www.nysparks.com/recreation/boating](http://www.nysparks.com/recreation/boating))

**AGE:** Motorized boat operators must be 18 or over. Or, between the ages of 10 and 18 must have completed certified boating safety (NYS Law).

**AGE:** As of May 1, 2014, operators born after May 1, 1996 must have a NYS approved Safe Boating Course and be at least 10 years of age in order to operate a motorboat in New York State.

**BOATING HOURS:** Watercraft must not exceed 6 mph between 8 p.m. and 9 a.m. (Town Ordinance).

**NOISE:** All watercraft must have effective mufflers (Town Ordinance). Watercraft noise must not exceed 75 decibels (NYS Law).

**SPEED:** All watercraft must slow down to 5 mph when less than 100 ft from shore, dock, or other vessel, or in “no wake” zones (NYS Law).

**RIGHT OF WAY:** Motorized watercraft must yield to swimmers and non-motorized watercraft (NYS Law).

## **SAFETY:**

- Personal Flotation Devices (PFD): Children under the age of 12 must wear approved PFD while in a watercraft. Approved flotation devices are required for each person on board (NYS Law).
- Water Skiing: Water skiers must have a “look-out” over the age of 10 (NYS Law).
- BWI: Boating while impaired or intoxicated subject to fines or imprisonment (NYS Law).
- Fire extinguisher, distress signal and anchor are required on ALL motorized watercraft.

## **PERSONAL WATER CRAFT (NYS Law):**

- Operators must wear an approved PFD.
- Operator must be attached with a cut-off device.
- Can only be operated between sunrise and sundown and the town ordinance speed limit on the lake is less than 6 mph between 8:00 p.m. and 9:00 a.m. for any motorized vessel.
- May not be operated within 500 ft of a designated swimming area.
- Reckless operation prohibited (wake jumping, weaving through traffic, or other maneuvers that jeopardize safety).

**REGISTRATION:** All motorized watercraft must be registered and display the registration numbers (NYS Law).

## **ENVIRONMENT:**

- Help keep unwanted aquatic plants and zebra mussels out of the lake. Thoroughly wash your vessel and flush the cooling system at a location away from the shoreline.
- Avoid spilling gasoline or oil. Repair leaks immediately.
- Dispose of litter properly in bins on shore.
- Do not use soaps or cleansers in or near the lake.



photo by Debra Ruggieri

*Common sense and respect for others are the way to ensure a safe and enjoyable experience for everyone using the lake. CLCS is not a law-enforcement agency and leaves such duties to the Columbia County Sheriff's Department. The CLCS has posted rules and regulations and distributes these excerpts to encourage lake users to know the rules and observe them.*

**Concerns about speed, noise, or safe handling of any motorized watercraft on the lake should be directed to: COLUMBIA COUNTY SHERIFF'S DEPARTMENT 518-828-3344.**

## NYS Rules and Regulations for Non-Motorized Watercraft (Kayaks, Paddleboards, etc.)

Personal Flotation Devices (PFDs) must also be worn year-round by all children under 12 years of age on any boat less than 65 feet in length, unless within a fully enclosed cabin; by anyone engaging in towed activities, such as water-skiers or wake-boarders; and while on board a personal watercraft. Otherwise, a wearable life jacket must be available for every passenger on board every vessel, including non-motorized watercraft such as canoes and kayaks." New York State Boating Laws and Regulations, 2010, see [www.nysparks.com/recreation/boating](http://www.nysparks.com/recreation/boating).

Along with rowboats, kayaks, canoes, and sailboats, paddle boards are considered boats and must have a U.S. Coast Guard approved, properly sized, serviceable, and readily accessible life jacket on board for each person, just like any other boat, mechanized or not. From May 2 through October 31 such persons are not required to wear a life jacket, though it is highly suggested (but they must have one on board and readily accessible).

From November 1 to May 1, everyone on all pleasure vessels which include paddleboards, rowboats, kayaks, canoes, sailboats, and motorboats must be wearing a life jacket while underway, which means as long as the boat is not anchored or tied to a dock. Drifting counts as underway.

Life jackets are the most important piece of equipment on a boat and can save your life; we recommend that they be worn at all times.

Thank you to Ro Woodard, Education Specialist, NYS Parks, Marine Service Bureau for helping to gather this information.

*Education Committee*



*Hannah Westlake wearing proper safety equipment, photo by Denise Chickery.*



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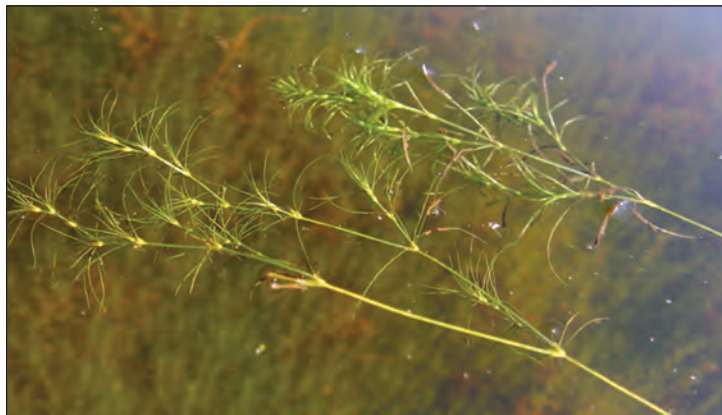
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# Copake Lake Aquatic Plants

## Native (desirable) Plants



**Slender naiad** *Najas flexilis*



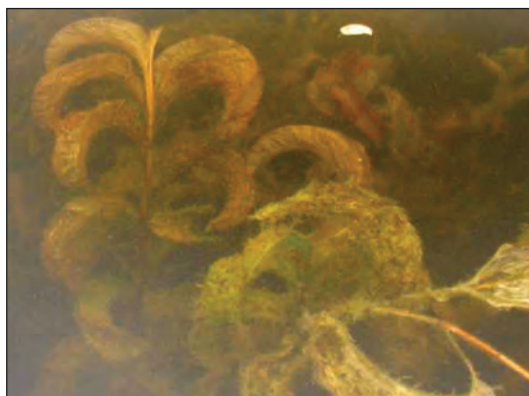
**Water stargrass** *Zosterella dubia*



**Waterweed** *Elodea nuttallii*



**Large leaf pondweed** (*Potamogeton amplifolius*)



**Large leaf pondweed - underwater**  
(*Potamogeton amplifolius*)



**Long-leaf Pondweed** *Potamogeton nodosus*



**Common elodea** *Elodea canadensis*



**Tape Grass** *Vallisneria americana*



# Copake Lake Aquatic Plants

## Non-Native (invasive) Plants

Threats – not found in Copake Lake YET! And hopefully never will be!



**Fanwort** *Cabomba caroliniana*



**Fanwort - underwater** *Cabomba caroliniana*



Be on the  
lookout for  
these  
invasive  
plants!



**Starry stonewort - underwater** *Nitellopsis obtusa*



**Hydrilla** *Hydrilla verticillata*



**Hydrilla - underwater** *Hydrilla verticillata*

# 2018 Weed Treatment Plan: A Bold Effort=\$\$\$

Our expectations for Copake Lake continue to rise. We want cleaner, clearer water, fewer nuisance weeds, adequate lake level, among other factors, all beginning earlier and ending later in the season. Fortunately, in 2017, the weather and the environment were in our favor. With the exception of late season growth of Eurasian Water Milfoil, it was a pretty good year.

What needs to happen to make 2018 better? First, the weather and Mother Nature must cooperate. Then, treatments to maintain lake quality must be successful. We would like to avoid early-season lake use restrictions and keep nuisance weeds down through September.

The Lake Management Committee (LMC) has recommended a bold treatment strategy for 2018. To make a big effort to kill off the invasive milfoil, it is proposed to treat the whole lake with fluridone (Sonar®) in early Spring 2018. It is expected that this treatment will control the milfoil for 3 seasons. The Sonar® treatment will cost over \$120,000 which is more than 3 times our usual treatment cost. Both the LMC and CLCS Board of Trustees were unanimous in recommending the treatment. The cost is more than the annual CLCS income, so CLCS will be drawing from reserve funds to pay for the treatment. We expect that lake users will rise to the occasion and increase their donations to continue improving lake quality.

A similar whole-lake Sonar® treatment was done in 2002, when milfoil covered 30% of the lake and weed harvesting could not keep up. It wasn't until 2005 that weeds returned and required treatment. We have been spot-treating increasingly larger areas to control weeds ever since. In 2017, about 18% of the lake was treated. The milfoil was knocked-down, but regrew to be a nuisance in mid-August.

## What to expect in 2018?

- NYS DEC permit application will be made this fall to meet our early treatment schedule.
- Treatment will be planned for April or May when the weeds are just starting to grow.
- Swimming/fishing are only restricted on the day of treatment.
- Sonar® is a systemic herbicide so it will take several weeks for the weeds to absorb and be affected. Patience will be needed.
- All the weeds in the lake will be affected by the treatment, but the abundant native weeds should recover quickly.
- Algae control treatments will be done if needed.

## Lake Management Committee

## Targets of the Weed Treatment



**Curly-leaf pondweed** *Potamogeton crispus*



**Eurasian water milfoil** *Myriophyllum spicatum*



## CLCS Grants (up to \$5,000)

Improve or protect the Copake Lake watershed. CLCS is offering grants to support proactive projects. The grant will support up to 50% of the cost of the project, not to exceed \$5,000. Please see the CLCS website ([www.copakelakecs.org](http://www.copakelakecs.org)) for guidelines and forms for submitting a proposal. PLEASE NOTE: grant proposals must be submitted to and approved by the CLCS Board of Trustees BEFORE any work on a project can begin.

### Russ Stein

Chairperson, Grants Committee

## COPAKE LAKE CONSERVATION SOCIETY PAST PRESIDENTS

TERM IN OFFICE	NAME
2014-present	Debra Ruggieri
2010-2014	Denise Chickery
2006-2010	Dominick "Buddy" Sinisi
2003-2006	Dave Crow
1999-2003	Barbara Bunger
1995-1999	Lindsay LeBrecht
1994-1995	Barbara Bunger/Lindsay LeBrecht
1990-1994	Barbara Bunger
1989-1990	Joseph Gladstone
1987-1989	Tom Williams
1985-1987	Joseph Gladstone
1980-1985	Lucille Landers
1979-1980	Dr. Henry "Hy" Lowenheim (founding president of CLCS, Inc. as a 504 (c) charitable organization)



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## Copake Lake Conservation Society Annual Recognition Award

Year	Recipient	Award
2017	Barbara Rindler	Wind chimes
2016	Buddy Sinisi	Engraved clock
2015	Rick Aluisio	Engraved plaque
2014	Denise Chickery	Engraved plaque
2013	Karen Schutzer	Engraved plaque
2012	Jed Luchow	Engraved plaque
2011	Fred Bunker	A tree
2011	Keith Schaefer	Engraved plaque
2009	Sarah Leshner	Engraved plaque
2009	Barbara Rindler	Engraved planter
2008	Lindsay LeBrecht	Engraved planter
2008	Marissa Shedd	Engraved planter
2006	Dave Craw	Certificate of Appreciation
2005	Barbara Bunker	Framed kayaking picture with friends
2005	Elayne Dix	Framed kayaking picture with friends
2004	Jim Carmody	Certificate of Appreciation

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# COPAKE LAKE SHORELINE VULNERABLE TO INCREASED EROSION

In recent years, areas of Copake Lake have seen rapid erosion of its shoreline. This increased deterioration is not unique to Copake Lake. It's been observed in many mid-western and northeastern states. To see what erosion looks like, all you have to do is paddle close to shore to see its damage.

## 1. What is shoreline erosion?

It is the gradual or rapid process when soil is undercut and sediment is washed away from the natural shoreline by wave action resulting in loss of land (see Photo 1 and Photo 2). The sediment may then be redeposited and built up in other areas of the lake.



*Photo 1. Note the leaning trees from being undercut by erosion*



*Photo 2. Erosion threatening loss of tree in background*

## 2. What are the causes of lakeshore erosion?

a. Wave action primarily driven by wind or boats, especially during high water.

b. Ice damage if lake level remains high during the winter.

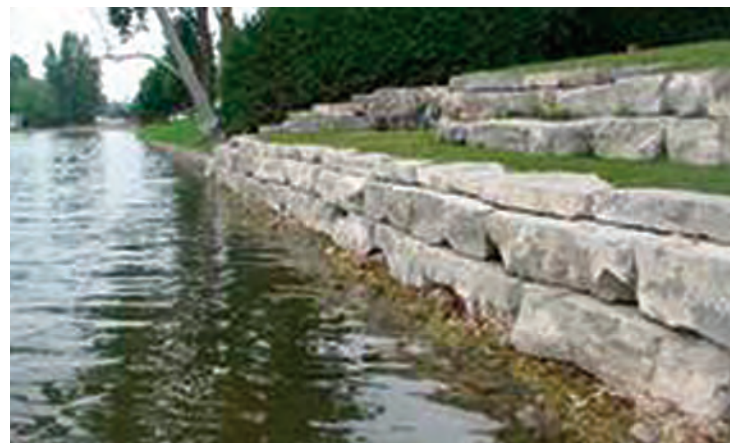
c. Removal of trees, vegetation and rocks from the natural shoreline to build docks, and platforms to the water, and to create views and sand beaches (see Photo 3).

d. Large fluctuations of water levels or "bounce" which is occurring more frequently due to intense storms with heavy rain fall.

e. Hard surface vertical retaining walls which erode neighboring properties and degrade habitats (see Photo 4).



*Photo 3. Lack of vegetation to prevent erosion and run-off*



*Photo 4. Retaining wall with no vegetation*

## 3. What are the harmful effects of erosion?

a. Increased cloudiness and turbidity near shore.

b. Increased sedimentation

- Releases nutrients into lake.

- Alters the bottom contour of lake

# COPAKE LAKE SHORELINE VULNERABLE TO INCREASED EROSION (continued)

- Promotes increased algae and weed growth
- c. Diminished habitat for wildlife and fisheries.
- d. Increased expense to protect and restore shoreline.

## **What can be done NOW to slow down the process of erosion?**

### **What steps can property owners and HOAs take to protect their shoreline?**

- Check out the website, <https://www.dec.ny.gov/permits/67096.html> for NYDEC Shoreline Stabilization Techniques. It provides eco-safe ways to protect the shoreline. Avoid constructing vertical retaining walls.

- Promote a natural shoreline: plant trees, shrubs and a buffer zone to protect waterfront property.

### **What can Power Craft and PWC operators do help protect the lake?**

- Boat in the middle of the lake when creating large wakes.
- Always observe no-wake zones when 100 ft. from shore, docks and other boats.

- Be mindful of how your wake affects the shoreline.
- Leave and approach the shoreline perpendicular to the shore, not parallel to it.

In 2017, the Lake Management Committee created a Shoreline Erosion Prevention (SEPC) sub-committee. Its purpose is to better understand and educate the Copake Lake community about the problem of shoreline erosion at Copake Lake. SEPC plans to research how other lakes are dealing with the problem of erosion and methods used to minimize its effects

SEPC plans to develop a survey to assess shoreline erosion. The survey will be distributed to property owners to gather their feedback. We hope it will improve our understanding of erosion around Copake Lake. If you are interested in learning more, and/or want to join our committee, please contact Barbara Bunger, 413-717-0764.

Shoreline Erosion Prevention Committee: Barbara Bunger, Joyce Craw, Russ Stein

**Barbara Bunger**

*Shoreline Erosion Prevention Committee*

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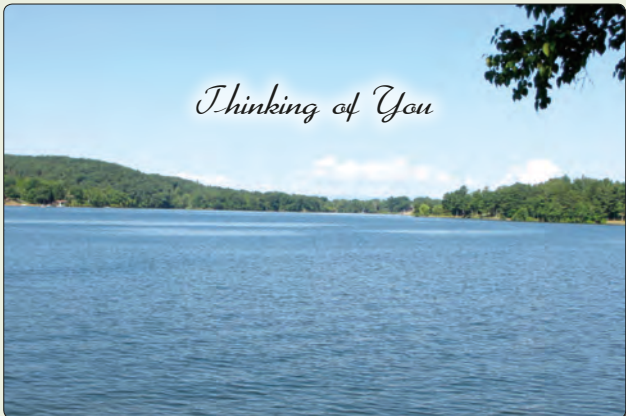
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*Example of outside of card*



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*Happy Birthday!*

*Example of personalized inside*

For additional information please contact:  
Barbara Rindler at [sunplaza@fairpoint.net](mailto:sunplaza@fairpoint.net)  
or Cherie Berk at [cherieberk4@aol.com](mailto:cherieberk4@aol.com).

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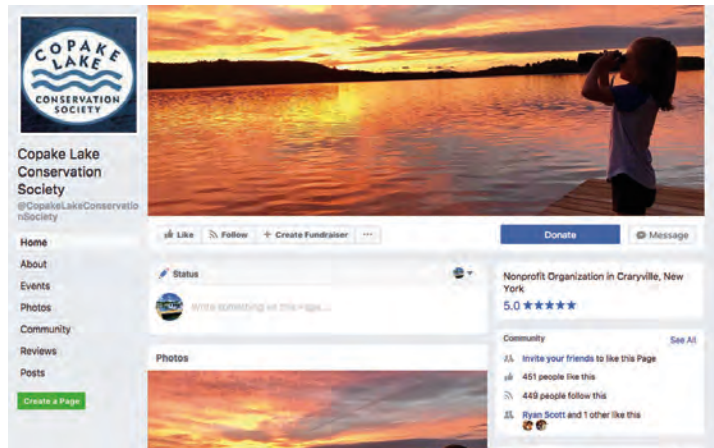
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## 2017 Most Viewed Image on the CLCS Facebook Page

This was most-viewed image of 2017 on our CLCS Facebook page, a viral post that reached more than 2,500 people! If you haven't yet enjoyed the beautiful images shared by members in our Facebook community, come visit at [facebook.com/CopakeLakeConservationSociety](https://facebook.com/CopakeLakeConservationSociety)

**Liz Nealon**

*Chairperson, Electronic Communication Committee*



CLCS facebook page



*As the sun sets on Labor Day weekend,  
a nearly-full moon rises over Copake Lake*

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*CLCS Board of Trustees*



## "For CLCS Members Only" Canoe Trip on the Hudson River

Once again members of the Copake Lake Conservation Society have been offered an amazing opportunity from Fran Martino, well-known local environmental educator, River Haggie Outdoors, Ghent. The canoe trip at the Greater Stockport Creek Watershed is being offered Free of Charge specifically for members of the Copake Lake Conservation Society. The following dates are available for spring/summer 2018:

June 26, Tuesday, 1:00 p.m.

August 5, Sunday, 10:00 a.m.

August 8, Wednesday, 1:00 p.m.

We will paddle the Stockport Creek in partnership with NYS Department of Environmental Conservation Hudson River Research Reserve. Canoes, paddles, personal flotation devices and other gear will be provided by NYS DEC Hudson River Research Reserve. This is an ideal trip for novices, and for those who want to learn more about Hudson River fish species found in the Stockport Creek Watershed. We will paddle in the Stockport Creek and its backwaters, and (conditions permitting) journey into the Hudson River a bit. We plan to stop along the way to dip our seine net into the water to see what kind of fish we might find. We'll identify them and check out advice from the NYS Department of Health about eating fish you catch from New York State waters.

REGISTRATION IS A MUST! Please contact Fran by phone at (518) 766-0010, or by e-mail at [fran@stockportwatershed.org](mailto:fran@stockportwatershed.org) to register. We have 8 canoes to offer, so I expect this trip will book fast. I encourage you to contact me soon so I can save you a place. You will receive details on where to meet and other information upon registration. We ask that you read and follow the instructions shown below. Thank you.

“ Families welcome, but please note that you must register children to attend

“ Minimum age is 6 for child, maximum of 2 children under 16 per adult

“ All gear provided; canoe, paddles, PFD's

“ For safety reasons, we cannot allow other boats to join group

“ Wear old sneakers or water shoes that can get wet/muddy (flip-flops come off!)

“ Prepare to be knee-deep in water

“ Smokers are asked to please refrain from smoking during the trip

“ Bring food, water, snacks, hat, sunscreen, insect repellent, a smile, and a sense of adventure!

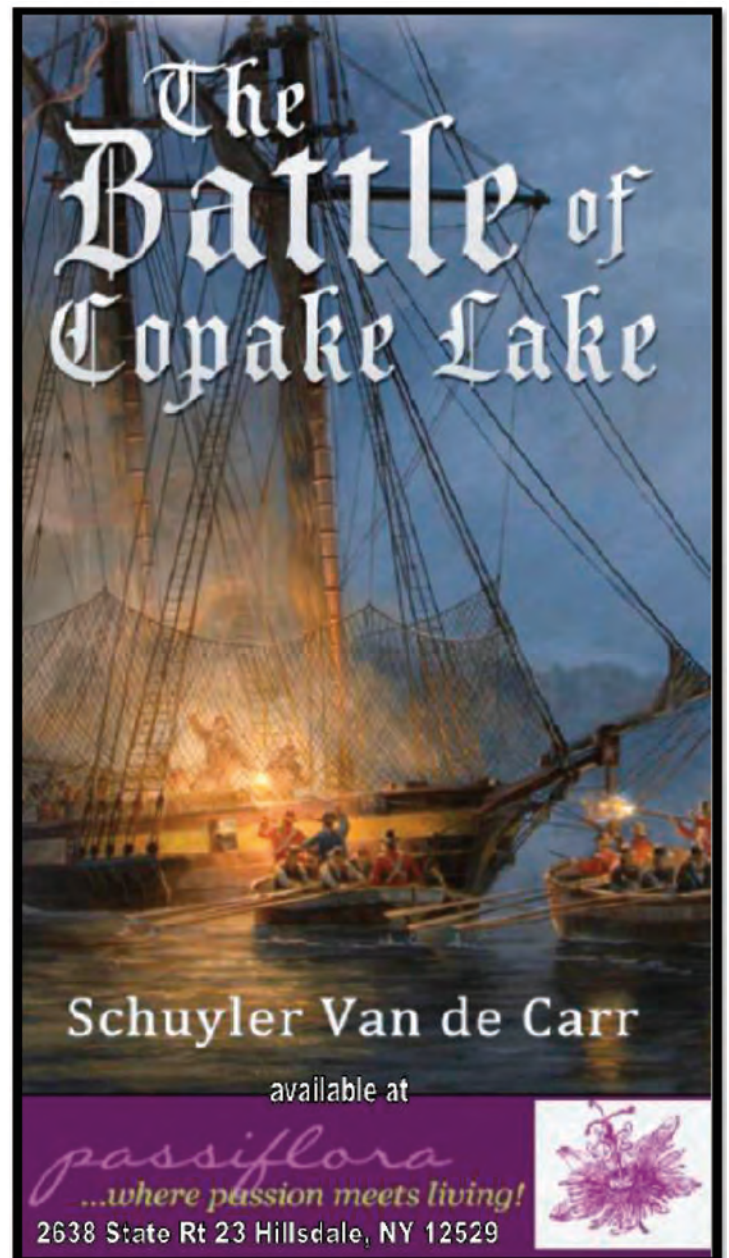
Please note: Participants for this trip MUST wear a securely fastened United States Coast Guard approved personal flotation device (PFD) of an appropriate size at all times when the vessel is underway. Participants can bring their own USCG-approved PFD and canoe paddle if they wish.

Thank you Fran Martino for this opportunity!

Education Committee

**Lindsay LeBrecht**

*Trustee*



**The Battle of Copake Lake**

**Schuyler Van de Carr**

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2638 State Rt 23 Hillsdale, NY 12529

# 2017 BIRDS AND BIRDHOUSES NESTING REPORT\*

From the golf course at the Copake Country Club  
A CLCS Mission: Preserving the ecological balance at Copake Lake

*\*Note: With the support and cooperation of Jon Urban, Austin Urban, and Mark Anderson of the Copake Country Club/The Greens Restaurant, birdhouses have been placed throughout the golf course to attract birds that are “cavity nesters” (birds that build nests in holes and cavities, instead of on branches or other open areas; birdhouses are designed to offer birds more hole accommodations to choose from). As always, the most common species in our area that use them are Eastern Bluebirds and Tree Swallows, both migrants that come north to areas like ours in spring to breed. (Many of the year-round birds that you know — Cardinals, Blue Jays, most Sparrows, etc. — and some of the migrants, don’t nest in cavities, so they don’t use birdhouses.)*

-Number of birdhouses (of any size) now on the golf course: 39

-Birdhouses that had nests of any kind in 2017: 33

## EASTERN BLUEBIRDS

-14 nests (11 of them successful)

-Approximately 60 eggs total

-42-45 babies (nestlings)

-“Other” (babies died, eggs failed or disappeared): approx. 15

## TREE SWALLOWS

-24 nests (23 successful)

-Approx. 75 eggs

-Approx. 72 nestlings

-“Other”: 8

## HOUSE WRENS

-6 nests (5 successful)

-15-20 eggs

-10-13 nestlings

-“Other”: 1

## LOCAL BIRDS THAT ARE CAVITY NESTERS:

-Year-round local birds that also nest in cavities (Nuthatches, Titmice, Chickadees) didn’t use any of our houses this year.

-A total of 9 nests built by HOUSE SPARROWS, the enemies of birdhouse-nesting birds, were humanely removed from our houses (by me), using standard ornithology-approved measures.

-4 birdhouses out there are designed for bigger cavity-nesters (several Woodpeckers, Eastern Screech Owl, American Kestrel); unfortunately, we had no tenants use them this year. There are plenty of Woodpeckers on the golf course, a few Screech Owls, an occasional Kestrel, so we leave the “Vacancy” sign lit up for them.

## LOCAL BIRDS THAT ARE NOT CAVITY NESTERS:

### KILLDEER

-1 confirmed nest (on the ground just west of the 18th fairway)

-4 eggs

-Probably a success (Killdeer babies leave the ground nests with their parents less than one day after hatching)

## SPECIAL REPORT:

### BALD EAGLES AT COPAKE LAKE

-As I reported last year . . . the Bald Eagle nest that’s been active for years south of the 14th hole was in action again last spring. This nest, like most Bald E. nests, is near the top of a very tall tree, so seeing what’s happening inside is a challenge without a helicopter, a drone or a massive ladder (can’t do that even if we wanted to — Bald Eagle nests are strongly protected by law, so we’re not allowed closer than a few hundred feet).

From a safe distance on the ground, I saw much nesting activity up there in March and April. By late April, after I stopped seeing Mom or Dad Eagle in the nest, or in the area, we had to hope that their eggs had hatched and nestlings had fledged the nest (Balds have 1-3 eggs per brood). Isolated sightings of Balds flying over the golf course area (adults as well as juveniles, which are brown-streaked and don’t yet have the famous all-white Eagle head and tail) were reported in summer and fall, and I had several good views of adult Balds in our area. We don’t know if they’re from the same family that uses “our” nest. But we’re hopeful. Either way, they’re Eagles and beautiful. (Bald Eagles generally use the same nest year after year, and they start laying eggs as early as February.)

Enjoy the 2018 spring/summer season at Copake Lake!

**Thomas Walsh**



*Eastern bluebird (sialia sialis) that nests on Copake Country Club golf course birdhouses.*



## Birds of Copake Lake



Tree Swallow, female and male, 16th fairway, CCC  
Photo by Jack Walsh



Robin  
Photo by Lindsay LeBrecht

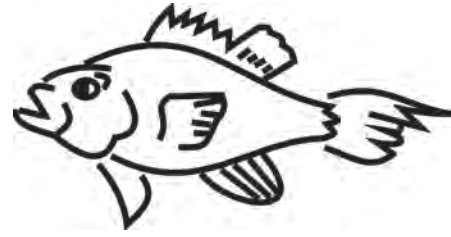


Eagle Landing on Copake Lake  
Photo by Tim McDowell



Cardinal Female & Gold Finches  
Photo by Christine Marsh

## “Post Spawning Mortality” On Copake Lake



The term that describes dead fish along the shoreline of Copake Lake during the spring is “Post Spawning Mortality”. It is common to lakes and is for the most part, unpreventable.

Fish die at this time of year because as they try to spawn in the shallow water that same water experiences extreme shifts in temperature, oxygen, pH, and ammonia between day and night. Because the spawning fish need to stay at their nest, they must endure these shifting conditions. Fish can go into the spawning period stressed from winter conditions so that they are unable to cope with the additional stress of spawning combined with the environmental fluctuations.

It is our understanding that fishery biologists at the state level don't get concerned by up to several hundred dead fish in lakes the size of Copake Lake, especially if the fish are mixed species such as perch, crappie, sunfish, bluegills, pumpkinseeds and even a few bass. These kills are an example of natural selection by which the weaker fish are removed from the population. The time to be concerned is when all the dead fish are the same species and when the numbers are in the thousands.

It is very likely that Copake Lake contains tens of thousands, if not several hundred thousand, fish. Questions can be directed to CLCS's Lake Management Committee.

**Lake Management Committee**



## HELP WANTED!

We are looking to add a new member to our Copake Lake Conservation Society Electronic Communications team. Our committee fulfills the critical function of engaging our members and keeping them informed about developments affecting the lake. Creating a compelling environment for sharing and building our virtual community is critical to maintaining and growing our membership and fulfilling our commitment to thoughtful stewardship of the lake and its watershed.

### Qualifications:

1. Strong writing skills. You will be writing articles for the website and social media, as well as drafting community alerts and compelling calls-to-action for our email blasts.
2. Familiarity with best practices in email marketing (or a willingness to learn). Experience with ConstantContact, MailChimp or similar email marketing software is a plus (but if not, you'll find it's quite intuitive to learn). You will start out by working with existing templates for CLCS

emails and may eventually find yourself designing compelling new templates!

3. Experience working with website content management systems and using a backend content editor. No coding knowledge necessary. Tech support available.
4. Comfortable handling digital files such as cropping and uploading photographs, and designing simple graphics using programs like Canva or Powerpoint.
5. Experienced Social Media user (Facebook, Twitter, Instagram) who knows how to engage users with powerful images, graphics, headlines, and interactive features.

This committee membership is a volunteer position open to any lake resident 18 or older. You bring your enthusiasm and comfort with writing and desktop publishing; we'll show you around our existing communications tools!

Email us at [info@copakelakecs.org](mailto:info@copakelakecs.org) to apply for this position.



Copake Lake Conservation Society added 4 new photos.

December 3, 2017 · New York, NY ·

December sunset.





**Copake Lake Conservation Society**  
**P.O. Box 37**  
**Craryville, NY 12521-0037**  
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**VISIT OUR WEBSITE AT: [www.copakelakecs.org](http://www.copakelakecs.org)**

