



WE NEED TO TALK (ABOUT CLIMATE CHANGE)

By Patrick Suter

suter.patrick@yahoo.com

ROCHESTER REGIONAL GROUP—Explore, enjoy and protect the planet

SIERRA CLUB ECOLOGUE

Simply put, we are not talking about climate change enough. Not even close. Everyone alive today shares the burden of escalating our level of collective climate discourse.

Productive conversations about climate change begin with acceptance of the fact that climate change will have profound local consequences.

While it is clear that the effects of climate change disproportionately harm vulnerable, marginalized populations that contributed least to the problem – indeed, one of its most unjust consequences – no one is shielded completely. Failure to accept this premise is, in my view, the most pernicious form of denial.

We have seen denial disguised as ignorance at all levels of government. Recently, NYS sued the International Joint Commission, claiming that the group mismanaged water levels in Lake Ontario. The State's position, while perhaps somewhat true, is at odds with a recent study of the Great Lakes Basin implicating climate change as a major contributor to shoreline flooding. Yet, this glaring reality was largely absent from public discourse. Why? Because it is easier to blame an anonymous regulatory body than humanity's heedless consumption and therefore, our own implicit role in the destruction.

We've witnessed the meteoric rise of grassroots climate change activism. We've seen the rise of the youth movement, led by vociferous teen Greta Thunberg which culminated in her searing Congressional testimony. From the non-violent extremism of U.K based Extinction Rebellion to the steadfast policy advocacy of Citizens' Climate

Lobby, individuals are taking up the gauntlet when their governments refuse to act. These are promising signs, but sadly, they fall short. We need a stronger presence from our politicians and from the media. We need informed teachers to get our children involved in the discussion as early as possible. We need to encourage our friends and neighbors to pressure local governments to implement systems level change.



Flooding June 2017, Irondequoit Bay Marina parking lot, photo by Margie Campaigne

involved in the discussion as early as possible. We need to encourage our friends and neighbors to pressure local governments to implement systems level change.

Facing up to the harsh realities of climate change – honestly confronting its most devastating effects – and speaking about it candidly, is uncomfortable. To do so is to risk being branded an alarmist, a charlatan, a

lunatic, a Luddite or a whole range of other epithets. However, the future of civilization depends on our willingness to be courageous in the face of denial and apathy. Conversations about climate begin at home.

Inside this issue:

| | |
|--|---|
| We Need to Talk (About Climate Change) | 1 |
| From the Chair; Naturalist's Corner | 2 |
| Grieving the Chasm | 3 |
| Christmas and the Climate Crisis | 4 |
| Transportation Transformation | 5 |
| Year End Appeal; Salt of the Earth | 6 |
| ExCom Ballot; Sierra Calendar Order Form | 7 |

Why We Should Embrace the Plant-Based Meat Alternatives Trend

Plant-based meat alternatives have been a hot news topic lately. Chain restaurants such as Burger King and KFC have rolled out plant-based versions of their most popular dishes and the Impossible Burger is now available in grocery stores across the country. I've seen quite a bit of controversy surrounding this growing trend, and since many of our members are vegetarian or vegan, I wanted to address the topic here.

Plant-based does not automatically equal healthy, and that's the biggest pain point for detractors in the vegetarian/vegan community. A majority of these meat alternatives are packed with fat, sodium, and a slew of chemicals that are used to create a flavor similar to the meat the item is imitating. I've heard many detractors voice concern over how these items are often spun as healthy meal choices, as well as concern over the potential impact on the health of a person who consumes large amounts of them. While I understand the health concerns and have similar concerns myself, I believe that the positives of this trend outweigh the negatives.

We all have our reasons for choosing to give up meat. My main driver was the impact that industrial animal agriculture has on our environment. Second to that was animal cruelty, and the health benefits were an added bonus. In my mind, anytime you can get someone to forgo meat for a meal is a win, and these meat alternatives are doing just that. I read the other day that a new report shows that 90 percent of consumers of meat alternatives are not vegetarian or vegan. 90 percent!!! Over time, if this trend contin-

ues, it can have a big impact on the animal agriculture industry and, consequently, on our environment.

The fact that 90 percent of consumers of meat alternatives are meat eaters is incredibly promising. I see these items as a gateway to a vegetarian or vegan lifestyle. They're a foot in the door, a way to introduce people to the wonderful world of a meat-free diet. It's far easier to convince someone to try a burger that tastes like meat but really isn't than it is to convince them to try a portobello burger, for example.

I ask that all of my fellow vegetarians and vegans please show solidarity and support this plant-based trend. The animal agriculture industry is fighting hard against the rising popularity of meat alternatives. They're making sure that legitimate health concerns are getting as much attention as possible, and also pushing doom-and-gloom misinformation aimed at taking down this threat to their livelihood. If we also decry this trend, we add credence to the animal agriculture industry's claims (even the false ones) and help them maintain their foothold as the reigning king of the standard American diet.

I appreciate the commitment, passion, and enthusiasm of all of our vegetarian and vegan members. If any of you are interested in getting involved in Sierra Club's initiatives in that area, please contact Margie Campaigne, chair of our Vegetarian/Biodiversity Committee, at mcampaigne@hotmail.com.

Also see our Facebook page, Sierra Club RRG Vegetarian-Biodiversity Committee!

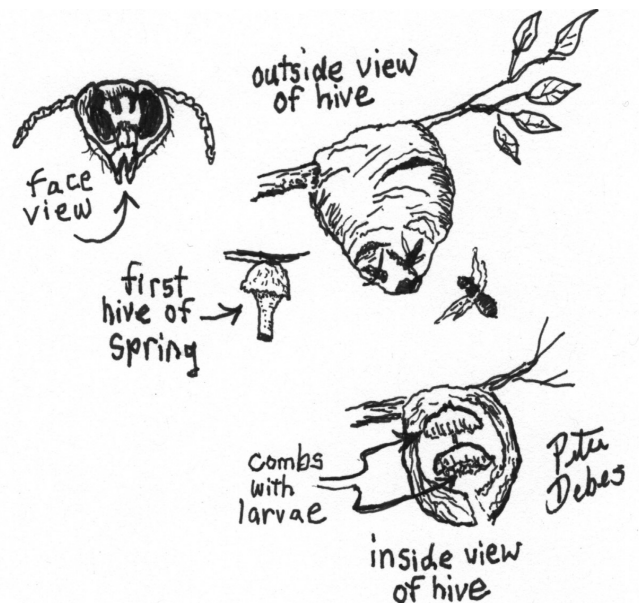
NATURALIST'S CORNER

By Peter Debes

peter8245debes@gmail.com

Don't Smash That Hive! It's bald-faced hornets.

The queen, one of the few to survive winter relying on her fat from Fall, started the hive just big enough for her and a few eggs. Her offspring in Spring will all be female, but small and sterile. They will help chew wood and spit out the fibers in saliva in thin layers that dry to paper, adding layer after layer till the nest is big. By Fall, it will have several combs (see inside view). Hornets eat insects, (not pollen like honey bees), chew them into pulp, and feed them to the babies. The goal for survival is to raise a bunch of queens and males by Fall to start enough new hives so a few can make it to the next Spring. Most get destroyed. So just watch them! They won't come at you unless you get too near the nest (like 3 or 4 feet) or make sudden movements.



LIFE IS GOOD! (for white, middle class Americans). We have had a great past, and still have a prosperous present. We are on a PATH to a MAGNIFICENT FUTURE! After all, we live on a first-rate planet! We have shown extraordinary capabilities. We have an explosively expanding knowledge base. Scientists believe the Sun will supply our energy needs for literally billions more years.

BUT WE'VE COME TO A CHASM and can't go forward. The path to our magnificent future is blocked.

Overpopulation: We have grown our population beyond the world's carrying capacity.

The war system & nuclear weapons threaten us. We face resource scarcity, poverty, ignorance, and systemic injustice.

Our cultural stories about religion, economics, and nationalism are increasingly obsolete.

Now, the **Climate Crisis** directly threatens the human future. We want to continue on the path to our magnificent future by doing what we've been doing right along, just making adjustments, but **YOU CAN'T CROSS A CHASM IN SMALL STEPS!** The **climate crisis** before us is wide and deep, and merely trying to stand still at the edge is sweeping us in. Business as usual will doom human civilization. We can't "go back," because the Industrial Revolution has made possible, and still supports, a massive world population. Half-steps forward will doom us.

BUILDING A BRIDGE. Obviously, we have to build a bridge across the chasm, to get to our successful human future. And of course, doing so will require very large scale (and creative! and immediate!) engineering. But we **can** build that bridge! We Americans are very good at building things. And not just Americans; right now, China's Belt and Road Initiative is the largest development undertaking in human history. Many hands make light work, and we have over 7 billion people to help. But designing the bridge is the problem. We can't just "go forward," business as usual is how we got here. We need a "clean sheet" design. We need to specify the particular future we want and brainstorm a workable bridge to get us there.

Our design cannot be a veiled attempt to continue the status quo. But if it isn't business as usual, it will be hard to sell to the wealthy and powerful, who now benefit handsomely from the existing system. And we regular people also benefit. The path we are on is our way of life. To build a bridge to the future, we must give up aspects of the way we live.

WE MUST GRIEVE THE CHASM. Joanna Macy says we can't take action until we can grieve our lost future. We must face our situation squarely to embrace new possibilities. We are deeply wounded, and already paralyzed with grief. Elizabeth Kubler-Ross describes five stages of grief:

Denial. We (white Americans) now enjoy as pretty good life. As long as we can (like the government, corporations and media) deny there is a problem, why change our comfortable lifestyle, and our comfortable beliefs? Maybe it won't be as bad as the scientists think. Or maybe "they" will find a way to fix it.

Anger. If we can blame elected officials or the fossil fuel companies; if we can believe the problems are just misbehavior by powerful people, we can avoid facing the problem itself.

Bargaining. We "do our part," e.g. by changing our light bulbs, believing that if everyone just "does their share," things will be fine. But every step we take as individuals is only symbolic until it becomes a new direction for society.

Depression. Once we see that there is no (direct, simple, economic, timely) way to rebuild our whole way of life, we can escape to depression. After all, if nothing we do will solve the problem, we don't have to do anything.

Acceptance. Facing the problem head-on, we are empowered to work on solutions; acceptance enables activism.

WHAT CAN WE DO?

1. **Think big.** Bridging the chasm is the challenge of our time. Our bridge has to serve not just the human race, but the whole DNA family of life. We need practical solutions to make life sustainable, but also updated cultural beliefs in which our membership in Nature is recognized, celebrated, and supported.
2. **Keep the faith.** Don't lose hope, and don't give up! The Universe is dynamic, and the game is on to define and refine the future! You are on the side of evolution and the flow of life.
3. **Keep no enemies.** Government is not the enemy. Oil companies are not the enemy. We, our friends and neighbors, oil users all, are not the enemy. Despite appearances, everyone is a potential ally.
4. **Compare notes.** Lots of good information is suddenly coming to light on our situation, but there is also well-funded misinformation. Share information and feelings with family and friends.
5. **Join a gang.** There are lots of groups doing all kinds of activism. You don't have to go it alone.
6. **Bandwagon.** There are many calls to give money or take action for different causes. Keep an eye out for initiatives that promise to jump start the change we need, and support those. At this moment the **Green New Deal** and **Greta Thunberg** are moving forward. Hop on the bandwagon!

CHRISTMAS AND THE CLIMATE CRISIS

by John Kastner

jkastner@weeblax-uzzi.com

When I was a child, Christmas was a big deal, as it was for most Christian children. I went to a parochial elementary school, so Christmas was actively anticipated and prepared for an entire month before the event. Carols were sung, decorations were made and hung, mangers set up and windows on advent calendars were opened daily, counting down toward what amounted to heaven on earth for an eight-year-old. Of course, stores and banks threw themselves into the season as well, albeit, to a much lesser degree than what we see now. The term, "Black Friday", had not yet come into common usage.

There was something else in the holiday circus then, that was deeper, quieter and larger than the contemporary experience of Christmas. Though it was subtle, even an eight-year-old could feel it. It was an integral, even primary, part of the season. It was mystery...a

small light casting its glow onto snow in the darkness, proclaiming hope, refuge from cold and want, kindness toward strangers, a miracle of good will...however brief. It was tender stories that became eagerly anticipated tradition and music, like no other, that called forth the best in us. And it was peace within families that may have been at war with themselves at other times of the year. Even then, these meant more to me than the visit from Santa. There was genuine, unchoreographed joy.

These days, the joy seems manufactured and forced upon us.

Christmas is an inescapable, ubiquitous, exhausting fact of life whether you are Christian, Muslim, Buddhist, Jew or atheist. It is an indispensable necessity for the economy and, as such, it is hammered on us mercilessly by all manner of media. Christmas is fully 50% of the retail year, a cold reality to merchants of all faiths. You could argue whether or not this is good for our souls, but it most certainly produces mountains of stress, anxiety, debt and decidedly un-Christian behavior. It also screws the environment.

Millions and millions of tons of carbon are jammed into the atmosphere, oil and chemicals spilled, trees cut, and energy expended to fill all those stores with stuff we mostly don't need. After the orgy of consumption comes the deluge of discarded waste and unwanted things....bales of wrapping paper, broken stuff and the boxes, bags and plastic it came in, uneaten food, single use paper and plastic party supplies, garbage bags, once used decorations and other debris, both residential and commercial. One wonders what Jesus, who admonished us to live simply, might have to say about all this material extravagance in the face of the abundant and persistent poverty and environmental devastation that result from his birthday celebration. There seems to be little of peace and love in all this, not to mention good stewardship of the planet.

It is way past time to consider alternative ways to celebrate Christmas that might restore some of its magic, dignity and purpose. For starters, it is not necessary to go overboard with gifts. They can be simple, useful tokens or small and lovely, one to a customer, items. The number of gifts does not nor should not signify the amount of love one has for the recipient. Most of us have nearly all of what we really need,

so a small, hand crafted item may suffice. Children can have a great time painting rocks, making cards and decorations out of paper and scraps of fabric or baking boxed cookie or cupcake gifts. If you knit or crochet, socks or blankets are warm reminders of the time you spent thinking of the recipient. If you are not a skilled artist yourself, beautiful, inexpensive prints and craft items can be purchased at art festivals and fundraisers like the Rochester Contemporary Art Center's 6 x 6 show, where first rate original art can be purchased for \$20. One hundred dollars gets you five unique gifts while supporting the arts. Speaking of supporting the arts, performance tickets to plays, concerts and recitals make excellent, near zero impact, gifts that can create treasured memories. Gift memberships to worthy organizations give doubly, supporting the work of those organizations and providing the recipients

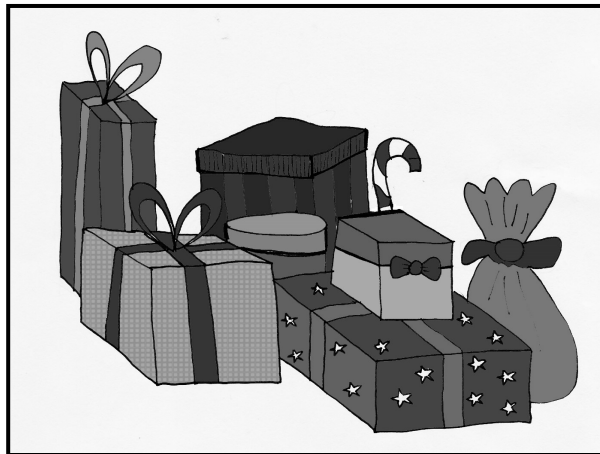
with benefits such as discounts or beautiful, informative publications. While we're on the subject, you can support your local Sierra Club Group by purchasing calendars or our sturdy, 100% organic cotton, made in the USA reusable tote bags designed specifically for The Rochester Regional Group and available nowhere else. This is our major source of funding for all our local actions and events. You can find details elsewhere in this newsletter.

High quality books, music, clothing, DVD's, furniture and many other items can be found in secondhand shops where pre owned goods live extended lives providing

benefits to numerous owners without replicating the carbon needed to create new stuff. Buying used toys discourages the creation of additional plastic that becomes a virtual permanent part of the environment, clogging oceans and beaches and killing wildlife. Many articles can be recycled through secondhand stores multiple times. Everyone loves Legos (until you step on one with a bare foot), but wonderful blocks can be made from scrap wood or corrugated cardboard and then painted bright colors. Nontoxic modeling compounds over wire armatures can be employed to create bendable action figures. Art supplies also make great gifts. Considering that plastic is forever, it would be an excellent gift to the planet to avoid giving presents that contain lots of small bits of it.

Gifts of consumables like cookies, fruit, chocolates, hand crafted artisan soaps and grocery store gift cards also carry a lower environmental footprint. You can lower your holiday environmental impact by reducing the emphasis on gifts all together and moving it toward shared experiences like concerts, plays, religious services, caroling or night time snow hikes under a full moon or campfires with seasonally appropriate stories followed by cookies and hot chocolate. Such experiences might be remembered long after the thing in the big box from the big box store is in your next garage sale.

Every one of us bears responsibility for the climate crisis. But time used creatively planning family activities instead of shopping can reap precious benefits for both your family and the planet. We hope that your family, whatever your tradition, religious or non-religious, has an enjoyable, satisfying and memorable holiday season.



If you're like the average Rochester resident, chances are you drive to work every morning. When you get there, you park your car for 8 hours, then drive home - maybe stop at Wegmans on the way home - and then repeat that the next day. And you probably don't have access to electric charging at work, or along your route. Our city, our towns, and our roads have been built around that daily, fossil-fuel powered commute. In terms of reducing the amount of travel time, we haven't done a terrible job! Even in rush hour traffic, you can get from downtown Rochester to nearly any of the immediate suburbs in under 30 minutes.

Yet, from a climate and equity perspective, the status quo is failing us. Transportation is now the largest greenhouse emitting sector of New York's economy. While we've reduce climate pollution in the electric sector over 50% since 1990, we've made nearly zero progress in the transportation sector. And for residents who don't want or can't afford a vehicle, they are left relying on an unreliable transit system that often doesn't get them to their jobs, doctors, and services they need.

New York has made some steps in the right direction. We've adopted a target of 850,000 electric vehicles on the road by 2025 and coupled that with an electric vehicle rebate program. We're also leveraging settlement funds from the Volkswagen scandal in electric vehicles including public transit buses. Yet we still only have around 40,000 electric vehicles on the road, out of 10 million total vehicles. A clear near-term target is needed to serve as our north star, guiding policies that will quicken the pace to a clean and equitable transportation system.

That's why, a few months ago, Sierra Club released a report from Synapse Energy Economics (<http://sc.org/NYTranspo>) Transforming Transportation in NY, which lays out a pathway with mode-shifting and electrification to reduce motor vehicle emissions 55% by 2035. This puts us on track to meet our 2050 goals and, as we show in the report, this is achievable. This report shows that if we're serious about meeting our climate

goals, we need to get moving on transportation. Changes in what we do in terms of land use, road construction, and even car sales, will have an impact on our system for years to come. For example, if we are still selling gasoline cars in 2035, chances are those gasoline vehicles will still be on the road in 2050-- making a fossil-fuel free economy impossible.

Now, if every good report just became public policy, we would have already solved the climate crisis. That's why we need YOU. We're calling on Governor Cuomo to set this bold and ambitious goal in New York's 2020 State of the State address. You can help by going online and filling out the petition here: <https://sc.org/2meRQbX>. Better yet, share that petition with 5 friends or relatives. Oh, and if you're still looking to do more? Join us on December 10 at EV Charge Solutions in Rush to join business leaders, labor leaders, and local elected officials in calling for a clear and aggressive transportation climate goal. We can transform our transportation system to be clean, accessible, and equitable-- but not without your voice and support.

For more info and how to get involved contact david.alicea@sierraclub.org



Sierra Club volunteer leader Rick Steinberg leads the Sierra Club Niagara Group's zero-emission bus committee. Jumping off local efforts Sierra Club is looking to scale up on a bold statewide transportation bus.

Salt of the Earth: Don't Hit the Road By Jack Bradigan Spula jbspula@gmail.com

Winter is upon us, and with it comes lots of the white stuff sprinkled over the commons. Naturally, I'm talking about rock salt residue on our roads, bridges, sidewalks. Residue that becomes invisible but, unlike the snows of yesteryear, doesn't go away.

Many Rochesterians will recall the 1994 subterranean collapse of the Retsof mine in Livingston County. That event caused economic hardship locally, but with the abrupt cutoff of a major regional source of rock salt, people started talking seriously about alternatives. Some of these got instant traction. But today, thanks in part to renewed mining in the Genesee Valley, we're complacently salty again. Ample Finger Lakes supplies have made alternatives seem less essential. Still, environmentalists shouldn't stop pushing for new solutions to slippery roads – because the negative effects of salting are considerable.

Rock salt and liquid brine (the latter has, in some states/regions, included waste fracking fluid!) both directly contaminate surface waters, groundwater, wells, and more. This causes elevated sodium levels that can threaten human health (cardiac disease, hypertension, etc.), inhibit plant growth (witness the tragic loss of sugar maples along many highways), and obstruct reproduction among freshwater fish species, amphibians and invertebrates.

As writers Lissa Harris and Jeremy Hinsdale, among others, have noted, road salt was even implicated in the disastrous Flint, Michigan, public water crisis, in which the high salinity of Flint River water, which was tapped as a substitute for purer water from Lake Huron, accelerated the chemical leaching of lead from the city's aging pipes.

So what are the alternatives? First, simply cutting back on the amount of salt that's spread. Budgetary concerns have helped promote this common-sense solution. But still we see piles and drifts of rock salt on streets and overpasses because of faulty equipment or carelessness – so more needs to be done.

Harris, Hinsdale, and others, list various substances that have been explored: solutions of molasses, beet juice, pickling brine, etc., which can be mixed with salt in varying proportions. But even these food-system by-products can have a downside. For example, it's been shown that beet-juice runoff can cause oxygen depletion in surface waters.

Getting away from over-reliance on cars and trucks obviously would help. (Yes, rail transport!) The hegemony of road salt will have to end eventually. But in the short term, local activists and governments will have to be judicious, parsimonious and remain open to new techniques.

For a quick overview of the issues: Lissa Harris, in *The River*, 2/27/19, "The Environmental Costs of Road Salt," <https://therivernewsroom.com/2019/02/27/the-environmental-costs-of-road-salt/>

For in-depth coverage: Jeremy Hinsdale, in *The State of the Planet*, 12/18, "How Road Salt Harms the Environment," <https://blogs.ei.columbia.edu/2018/12/11/road-salt-harms-environment/> and "Cutting the Salt in Winter Road Maintenance," <https://blogs.ei.columbia.edu/2018/12/13/cutting-salt-winter-road-maintenance/>

YEAR END APPEAL — PLEASE SUPPORT YOUR SIERRA CLUB

This has been another productive year for the Rochester Regional Group. We joined with the RPPC and The Chamber of Commerce to bring former Congressman Bob Inglis to Rochester to help us engage Conservatives and Progressives in supporting a carbon tax to deal with climate change. We continued as part of the Coalition for Cobbs Hill Park to support the legal effort to block construction of new multistory apartments at Cobbs Hill. We also continue to work with the PLEX Neighborhood Association to support their demands for a thorough cleanup of the Vacuum Oil site on the Genesee River. We supported the Native American Cultural Center and local indigenous people in bringing the story of Standing Rock here and in changing "Columbus Day" to Indigenous Peoples Day. We have sponsored nature walks for adults and families and walks for classes from the Children's School of Rochester into the forest at the Washington Grove. We moved on our goal to help more people of color connect with nature by joining the Genesee Land Trust in bringing Rue Mapp to Rochester in September to talk about her Afro Outdoor program. We provide our members and community with updates on local action and events through Frank Regan's *Rochester Environment* site. We keep you informed too, with our *Ecologue* publication four times a year. All of this entails considerable expense too, and we thank you for your past support and ask you to consider supporting us for the year ahead with a year-end donation. If you wish your donation to be tax-deductible, include the notation "*foundation account*" on your check. **USE REUSEABLE BAGS** like this one, tough, 100% organic cotton, made in the USA tote bags, designed especially for Sierra Club. This bag can be yours (or your giftee's) for a \$20 donation to the Rochester Regional Group. Make checks payable to the Rochester Regional Group Sierra Club and send them to the P.O. box on this newsletter. Your donation helps fund our work **LOCALLY**.



EXECUTIVE COMMITTEE BALLOT for Sierra RRG

Each year the Nominating Committee recommends candidates to serve a term of 2 years on the Executive Committee. Please cut out this ballot and mail by December 26th. Ballots will be counted at the first ExCom meeting in 2020. Mail ballots to:

Elections

Sierra Club RRG, P.O. Box 10518, Rochester, NY 14610-0518

Please vote for up to 6 candidates for the term 2020-2021. Members may vote for those nominated and/or write in (a) candidate(s).

Margie Campaigne _____
 Ronald Garrow _____
 John Kastner _____
 Patrick Suter _____

-----CUT HERE -----

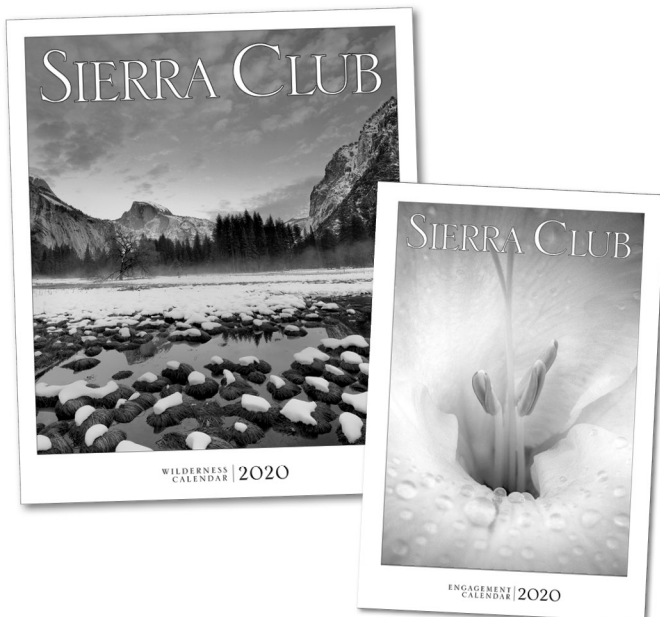
Greetings fellow environmental warriors. It's calendar time again. Time to feed your soul with beauty while supporting the work of the Rochester Regional Group. The **wall calendars will be \$16.15 with tax plus \$6 shipping**, the **engagement calendar is \$17.20 with tax plus \$6 shipping**. You can avoid the shipping charge by arranging to pick up your calendar(s) directly from John Kastner...jkastner@weeblax-uzzi.com or 585-461-4701. Please be generous. This is our major source of revenue for our local activities, which include bringing speakers to The Rochester area, production and mailing of our newsletter, maintaining our website, event tabling, legal support of local environmental defense efforts and, coming next year, regular community tree planting events. We thank you in advance for your support, best wishes, John Kastner



SIERRA CLUB

Enjoy, explore, and protect the planet

2020 SIERRA CLUB CALENDARS



ORDER FORM

| ITEM | COST | QTY | TOTAL |
|---------------------|----------------------------------|-------|-------|
| Wilderness Calendar | <input type="checkbox"/> \$14.95 | _____ | _____ |
| Engagement Calendar | <input type="checkbox"/> \$15.95 | _____ | _____ |

Subtotal: _____

Sales Tax: _____

Shipping: _____

GRAND TOTAL: _____

Please make checks payable to "Sierra Club" and mail to the return address shown on your newsletter.

SHIP TO:

Name _____

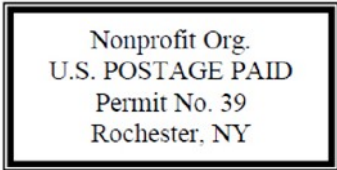
Address _____

City _____ State _____ Zip _____

Phone (____) _____

Email _____

Rochester Regional Group of the Sierra Club
P.O. Box 10518
Rochester, NY 14610-0518
 Message line: 585-234-1056
 www.sierraclub.org/atlantic/rochester; Find us on **Facebook** and **LinkedIn!**



Executive Committee Members

Jessica Slaybaugh, Chair: Jessica.A.Slaybaugh@gmail.com
 Peter Debes, Vice Chair
 peter8245debes@gmail.com
 Margie Campaigne, Ecologue Editor., Secretary
 mcampaigne@hotmail.com
 John Kastner: jkastner@weeblox-uzzl.com
 Jack Bradigan Spula: jbspula@gmail.com
 Frank Regan: frankregan@rochesterenvironment.com
 Joe Grinnan, Treasurer: fjgrinnan@aol.com
 Ronald Garrow: Ronald_garrow@yahoo.com

Committees & Projects- Leaders

Biodiversity/Vegetarian: Margie Campaigne
 mcampaigne@hotmail.com
 Climate Change: Frank Regan
 frankregan@rochesterenvironment.com
 Friends of Washington Grove:
 Peter Debes
 peter8245debes@gmail.com
 Open Space/Parks: Hugh Mitchell
 goshawk@twc.com
 Wetlands: Sara Rubin
 rubin150@aol.com

The opinions expressed in the articles within are those of the authors and are not necessarily an official Sierra Club position or policy.

| Winter 2019-20 Calendar SIERRA CLUB and other environmental events | | | | |
|---|-------------|--------------------------------|--|--|
| DATE | DAY | TIME | MEETING/EVENT | LOCATION |
| December 3rd | Tuesday | 6:30-8:30 pm | Executive Committee Meeting | Harro East Bldg., 400 Andrews St., Suite 600 |
| December 6—7 | Fri. & Sat. | Fri.5-9, Sat. 10-3 | Metro Justice Alternative Fair | First Unitarian Church, 220 S. Winton Road, Rochester |
| January 7th | Tuesday | 6:30—8:30 pm | Executive Committee Meeting | Harro East Bldg., 400 Andrews St., Suite 600 |
| January 11th | Saturday | 10-11:30 am | Life in Winter Nature Walk with naturalists | Ellison Wetlands, enter off Empire Blvd by MacGregors |
| February 4th | Tuesday | 6:30—8:30 pm | Executive Committee Meeting | Harro East Bldg., 400 Andrews St., Suite 600 |
| Dec.1—May 3rd | Sundays | 1—4 pm | Brighton WINTER Farmers Market | Brighton Brookside Center, 220 Idlewood Road., Rochester (off Westfall Road) |
| All year | Every day | M-F 8am-9pm Sat-Sun 9am-8pm | Abundance Coop Food Market: local, organic, sustainable food, open to public | 571 South Ave., Rochester, NY in South Wedge (585) 454-2667 www.Abundance.coop |
| | | | | |

*****Watch our Facebook page and website for information on upcoming community meetings, outings & other activities*****

All Committees are local volunteer groups of the Rochester Regional Group of the Sierra Club.

Follow us on Facebook to keep up-to-date on new events throughout the year—www.facebook.com/SierraROC

Executive Committee meetings are open to Sierra Club members. All other meetings are open to everyone.

The Eco-Logue is printed on 100% recycled paper with green plant-based toner by ACCELERATED MAILING

