Creating Healthy Communities
Canyon Echo 2020

Welcome to a new year of Canyon Echo. The publications committee is excited to announce the theme for 2020: Creating Healthy Communities. We want to hear from you about the people making Arizona a better place for us all. We’ll discuss unique challenges our communities face, and how we are stronger together when confronting climate change. To see specific guidelines and submission deadlines for each issue, please go to: bit.ly/canyonecho.

This year is also the 50th Anniversary of the first Earth Day, which occurred April 22, 1970 and helped spur significant environmental action. Several years ago, we started celebrating Earth Day with service, helping to paint a community center, cleaning up trash, planting native plants, digging out invasive plant species, gathering water quality samples, and more. In that spirit of service, we would like to challenge our Canyon Echo readers to set up, lead, or participate in one service project during the month of April with the goal of Sierra Club hosting or co-hosting at least 50 service projects or action events in Arizona.

Once you have the details, please send them to our Canyon Echo editor, Lydia Wilson at lydia.wilson@sierraclub.org, and we will include it in the spring Canyon Echo. Include date, time, location, and name and contact information of the leader. Thank you for your service to Sierra Club, Arizona, and the Earth.

How to Climb Respectfully from an Indigenous Perspective

By David Rozul

All was silent as Ashleigh Thompson, a Red Lake Ojibwe member and University of Arizona Anthropology Ph.D. student, spoke with passion to a room of climbers and outdoor-enthusiasts describing the storied U.S. & AZ Indigenous history.

At a Phoenix REI event in October, she and Sergio Avila, a wildlife biologist, conservation scientist, and Sierra Club local outdoors coordinator, shared insights on the importance of acknowledging Indigenous presence in the places we enjoy and interact with daily.

For aboriginal people, land has always been more than just a location. Not only do landmarks such as mountains define certain political boundaries, but they also often hold oral traditions. Ashleigh explained that certain ceremonies and celebrations can only be done in specific places. Unlike Christian-based religions that can practice a sacrament in different locations, some Indigenous groups go back to the same place every year to practice certain ceremonies.

West of Tucson is a wilderness area called Baboquivari that is a popular climbing destination and a sacred place for the Tohono O’odham people. If you access the peak from the west-side you go through the Tohono O’odham Nation. Ashleigh advised that it is in everyone’s best interest to be respectful, register yourself, and follow tribal protocol.

She emphasized that land is important to native people even if it’s not designated as tribal land or on a reservation. There is an Indigenous history tied to all of the ground we walk on. People may no longer physically be there, but there are still connections to the land, and people may

Climbing continued on p. 6
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2019 Group Voting Representatives to Chapter Ex-Com (see pp. 12–13 for contact information):
Flagstaff/N AZ: Joe Shannon Don Steuter Meg Weesner
Palo Verde: Deptilung Donna Murphy
Saguar: Dan Millis
Yavapai: Brian Myers
Grand Canyon Chapter

Chapter Announcements
JAN, FEB, MAR (TBD) 6:30 p.m. Political Committee meetings. Help us elect more environmentally-friendly candidates! If you are interested in helping improve the political climate in Arizona, consider being part of our Political Committee! All Sierra Club members are welcome to participate. For information, contact political.chair@grandcanyon.sierraclub.org.

JAN 11-12 (SAT–SUN) Chapter Conservation (SAT) and Executive Committee (SUN) meetings. Club leaders meet to consider matters related to statewide conservation efforts, share experiences across groups, and coordinate strategy to align our Chapter mission and goals with that of national Sierra Club. For more information, contact Don Steuter at 602-956-5057 or dsteuter@hotmail.com or Keith Bagwell at 520-623-0269 or kbagwell50@gmail.com. Meetings will be located in Phoenix.

JAN 28, FEB 25, MAR 31 (TUE) 6:30 p.m. Energy Team meetings. Discussions, programs, and field trips encompass renewable energy and efficiency campaigns nationally and locally. Everyone is invited to participate, no matter how much or how little you know about energy issues. For more information contact Sandy Bahr at 623-253-8633 or sandy.bahr@sierraclub.org.

FEB 3 (MON) 6:30 p.m. Publications Committee meeting. Have an idea? Help plan future issues of Canyon Echo! Contact Meg Weesner at 520-576-2083 or mweesner@att.net or Lydia Wilson at 602-253-9140 or lydia.wilson@sierraclub.org.

MAR 1 (THURS) Copy deadline for Spring 2020 Canyon Echo. Articles, art, photographs, poetry, essays, and brief epiphanies are welcome. Contact the editor before submitting at 602-253-9140 or lydia.wilson@sierraclub.org to discuss word count, photos to include, licensing, issue topics, and to request submission guidelines.

MAR (TBD) 1–5 p.m. (stop by anytime) Canyon Echo Mailing Party. Volunteers save the Chapter hundreds of dollars by preparing Canyon Echo for mailing. Thank you! The job is easy to learn, and we all have a great time. Any amount of time that you’re available is appreciated. Contact Jerry Nelson at 602-279-4668 or peakbagger2@gmail.com for details.
Environmental Day at the Arizona Capitol

Join hundreds of advocates for environmental protection and justice, climate action, lands and wildlife conservation, flowing rivers, democracy, and more, meeting at the Arizona Capitol to let legislators know how much we care about these issues, as well as specific bills. On Environmental Day, we will have tables with information from various groups, hear from speakers, and meet in teams with our own legislators. There will also be opportunities to observe committee hearings and learn about how to sign up for the Request to Speak system.

We will also be holding a series of volunteer lobby workshops and legislative briefings. The following have been scheduled so far:

January 17, 6:30PM – 8:00PM, Prescott: Get Ready to Make a Difference at the AZ Capitol, 882 Sunset Ave, Prescott, AZ 86305

January 23, 6:30PM – 8:30PM, Phoenix: Pizza and Politics, Volunteer Lobby Workshop, 917 E Sheridan St, Phoenix, AZ 85006

January 30, 6:00PM – 8:00PM, Tucson: Volunteer Lobby Workshop
The Historic Y, 738 N 5th Ave, Tucson, AZ 85705

To RSVP or get more information, contact Sandy Bahr at (602) 253-8633 or sandy.bahr@sierraclub.org.

For your Consideration...

“If you could ask people to do one thing to help create a healthy community, what would it be?”

The publications committee is introducing a new idea for Canyon Echo in 2020. Each issue, we will pose a question to our readers. If you are inspired to respond, please do so in 150 words or less, and send your submission to lydia.wilson@sierraclub.org. The best response(s) will be published in the next issue.

Letters to the Editor

Do you have something to share with our Publications Committee? Please consider sending a letter to the editor at lydia.wilson@sierraclub.org. (Note: Not all letters will be printed).

Electronic Newsletter

To sign up for the e-newsletter, send an email with your full name and membership ID (8-digit number found on your mailing label) to CanyonEchoESub@gmail.com. You will receive an email when the new issues become available online.
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NOTE: These lists include donations received from September 17 through December 1.

The Grand Canyon Chapter is also thankful for the generous support from those who chose to remain anonymous.

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Your financial contribution means a lot to us. By supporting our Chapter, you support Sierra Club’s work in your own backyard. This makes you an essential part of our work to protect wilderness and wildlife, to improve the quality of life in our cities, and to promote the enjoyment of nature. Thank you.

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WHAT WILL YOUR LEGACY BE?
consider it a sacred place.
What can we do? Acknowledging history and Indigenous tradition as a first step serves us to be better informed. Sergio spoke about the importance of having a level of awareness today to work with and empower communities as a whole because together we can spark change.

“It’s not to be controversial, but we have been told a story in Western culture that allows us to rationalize separating people and nature,” Sergio said. “We can think that because we pay taxes we get to enjoy these parks and areas, but we must remember that we are on stolen lands.”

He talked about how historical figures like John Muir and Edward Abbey did great things to protect nature and encourage conservation, but their visions were very narrow. He mentioned that John Muir specifically had said tremendously offensive things about Native people, calling for the separation of “dirty, dark-eyed, dark-haired” people from nature, and an otherwise “clean wilderness.”

“We need to work with Indigenous groups, not separate them from our own conservation motives. Only when we work together can we achieve true social justice and empower communities to lead that fight to save the places we love,” Sergio said.

Sergio mentioned that there are many online resources and apps that can help broaden our education about native lands and people. One of his favorites is a free mobile app called Native-land.ca that enables a person to use their phone’s GPS to see which Indigenous group or groups are native to the location they are currently in.

Following the presentation, everyone stayed to share their own perspectives and stories. Palpable energy was present in the room and everyone left motivated and informed. As Sergio mentioned earlier in the night, making a difference can start now and starts with our individual choices.

David is a Sierra Club volunteer, rock climber, & communications specialist in the Phoenix area.

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**Cast of Characters**

**Catalina Ross**

**Clean Energy Champion**

The Grand Canyon Chapter's newest employee, Catalina is our Southern Arizona Energy Program Coordinator working out of her native Tucson. She is entangled with the travesties of Tucson Electric Power Company (TEP) and learning quickly the intricacies and nuances of energy issues.

She is a biologist by training, with a degree from the University of Arizona in Ecology and Evolutionary Biology. But Catalina is a general scientist at heart and many of the issues associated with electric power and its generation have serious biological implications.

At the university, climate change issues were prominent in many of her science classes and Arizona's corporate electric utilities, including TEP, are wedded to climate-changing coal- and gas-burning energy generation. That has to change, and Catalina is a catalyst.

Catalina is immersed in TEP's application for a rate increase pending before the Arizona Corporation Commission, and the utility’s update of its Integrated Resource Plan, seeking to make them more environmentally friendly and to help abate climate change.

She has found a plethora of expertise in greater Tucson on energy issues—solar and wind generation, energy conservation measures, and electric vehicles. “Impressive and very knowledgeable” is how she describes the local experts. With their help she is getting on top of the latest developments in this field, which is exploding in importance in the face of climate change.

Boosting her efforts are the young and energetic folks pushing for action on climate change with “strikes” and demonstrations. She said the meaningful work of an elder’s group on climate change also buoy her.

Catalina got involved with the Sierra Club in college when she applied for a Club internship position. She did not get it, but Chapter Border Conservation Program Manager Dan Millis convinced her to help with border and energy issues on a volunteer basis.

Dan then was working part time on the Club’s Beyond Coal campaign. Catalina did research with Dan on borderlands issues and on coal and fossil-fuel issues. She participated in civil actions on these issues and lobbied lawmakers to vote for our environment.

Next, Chapter Secretary Elna Otter encouraged her to seek to fill an opening on the Rincon Group’s Executive Committee. She did so, subsequently was elected to further terms, and became secretary when illness forced Roy Emrick, recently deceased, to resign.

The Chapter advertised for a temporary energy-related job in Phoenix. Catalina applied, hoping she could work remotely from Tucson. She did not get the job.

Her husband, a U.S. Forest Service employee, had an opportunity to participate in a soil science study in southern Oregon and the two were off to an adventure there for the few months involved in the work.

Shortly after her return, the southern Arizona energy program position was created. She got the job.

Catalina brings to the Chapter intelligence, a good heart, enthusiasm for learning, and dedication to making positive change. We are fortunate to have her working with us.

Written by Keith Bagwell, Chapter Chair

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http://sierraclub.org/arizona
On a beautiful Sunday afternoon at South Mountain Park, Sierra Club staff, volunteers, and partners gathered to celebrate the outstanding work over the past year and years, including recognizing those who have done much to make this a better, cleaner, and more just world.

Norman and Evelyn Tweit were acknowledged for 10 years of continuous membership; Marcia Burns received the Behind the Scenes Award for building the Flagstaff-Northern Arizona Group's outings and programs; and both Mary Price and Chuck Via were recognized for their work with the Arizona Water Sentinels—Mary with a Special Achievement Award for being an outstanding team leader for Verde River monitoring and Chuck with the Steve Pawlowski Award for his work in the Rio Salado to help restore and protect this jewel in the heart of Phoenix. Kory Hjelmeir was the recipient of the Outstanding Service Award for her service as chair of the chapter's political committee as well as her hands on work to help wildlife.

Three of those receiving awards were recognized for their work on borderlands—Carmen Arredondo, Bill Hatcher, and Borderlinks. Carmen was recognized with the Outstanding Youth Award for her work as a summer intern with the Borderlands program where she helped to develop and promote social media, write articles, respond to calls and emails, and organize events. Bill, a talented photographer, received the Lens on the Border Award for using his talent to help bring recognition and attention to the beauty of the borderlands and the people who live in the region and all that we have to lose to the massive militarization and industrialization of these lands. Borderlinks was the recipient of the Environmental Partner Award, for their work dedicated to building bridges not walls and teaching communities about the complexity of the borderlands and working closely with the Sierra Club's Borderlands program to help people from diverse backgrounds learn more about the borderlands.

The Grand Canyon has no better protector than Sarana Riggs, the Grand Canyon Program Manager for the Grand Canyon Trust. She was recognized with a Special Achievement Award as a Grand Canyon Protector. Sarana has defended Grand Canyon and the people who call it home, including supporting the Save the Confluence effort to stop a development at the confluence of the Colorado and Little Colorado rivers, working to establish more baseline data on abandoned uranium mines on the Navajo Nation, and using her voice at Grand Canyon National Park to make sure that the park’s centennial recognized the people who have lived in and around Grand Canyon for many more than 100 years, as well as acknowledged the ways parks have excluded and displaced Indigenous people.

Arizona Youth Climate Strike group received recognition as the Outstanding Youth Group of the year, for its work to elevate action on climate change. These youth have led three (now four) significant strike efforts, hosted a town hall with elected officials, organized a Youth Climate Summit, as well as a no fossil fuel pledge campaign to get those running for office and those already elected to pledge not to take money from oil and gas companies, and utilities.

Laura Dent is the executive director of Chispa Arizona where she has helped lead efforts to elect pro-environment candidates to the Legislature, the Arizona Corporation Commission, and the Salt River Project board. Through her leadership, Chispa has expanded and grown; her strategic thinking, planning, and implementation helped to elect Tucson’s first Latina mayor. Laura has been and is a leader, which is why she was recognized with a Leadership Award.

Hazel Chandler has been an important voice for public health and the environment for several decades. Professionally she advocated for clean air and water from a public health perspective and since retiring helped launch Elders Climate Action in Arizona, developing the idea, fighting for funding, organizing five Phoenix community town halls, participating in numerous climate events, and advocating for a public health lens on climate. Hazel has been and is a champion for people of all ages and backgrounds, someone who cares deeply and puts that caring into action. Sierra Club’s Grand Canyon Chapter recognized her work with its Lifetime Achievement Award.

Jenny Cobb was not able to attend, but was recognized with an Outings Award for helping to build the chapter outings program, and Taj Uppal also was not able to attend, but received an Outstanding Youth Award for his strong advocacy and actions on climate change.

Nicole Horseherder, executive director of To Nizhoni Ani, was recognized as Environmentalist of the Year for her longstanding work for the people, land, and waters of Black Mesa and to help expedite the closure of the Navajo Generating Station. Nicole sent this statement to share at the picnic:

“Ya’at’eeh doo Alscbee’ This year we took 17.2 million metric tons of carbon dioxide out of the environment with the closure of NGS. We saved 31,400 acre/ft of Navajo water from the Colorado River, from industrial use. We stopped the pumping of 1200 acre/ft of the pristine Navajo Aquifer for coal mining at the Kayenta Mine. As part of transition we must ensure that lands are reclaimed to a high standard, with native vegetation that are our foods, medicines and tobacco. The waters sources must be reclaimed, the springs and wells must be able to flow naturally again. If the indigenous people of this land can thrive once more, this would be the measure of health and sustainability. If we demand this standard, all humanity has a chance on this earth we all call home. We still have much work to do. Alscbee’ Thank you.”
Spotlight on Glendale High School Conservation Society

By Sandra Ramirez & Urb Weidner

The Glendale Conservation Society (GCS) was founded in 2016 at Glendale High School in Glendale, Arizona. The extracurricular club is now a big hit with the student body at the high school. GCS has been gaining popularity at the school and in the community as new students continue to sign up to attend outings and service projects each school year. Each outing consists of fourteen student volunteers who travel to different parts of Arizona to help clean and preserve the natural splendor of Arizona's outdoor landscape.

GCS has been crucial in volunteer maintenance at the Spur Cross Ranch Conservation Area. This effort consisted of removing more than a mile of 50-year-old multi-strand barbed wire from a ridge in the conservation area and hauling it down from the ridge for pickup by the park ranger. This is just one example of the support GCS has provided to the Saguaro Group and other groups, including the Arizona Water Sentinels, within the AZ Grand Canyon Chapter.

Besides the work at Spur Cross, the team takes part in the removal of buffel grass and other types of invasive plant species in both Phoenix and Tucson. GCS has partnered with the AZ Sierra Club to not only remove these invasive plant species, but also engage in other tasks, such as trail maintenance, water quality monitoring, trash and debris clearing, maintenance and cleaning at Wild at Heart Raptor Rescue, and with the construction of temporary housing for the Burrowing Owls Project, just to name a few. The GCS team also partners with other conservation groups such as Sky Island Alliance and Natural Restorations.

Being a part of GCS allows students to earn volunteer hours and receive a firsthand education in environmentalism. Several former GCS members have since pursued academic careers in Environmental Engineering, Biology, Sustainability, Recycling, and Chemical Engineering (with an emphasis on water purification).

The original team president, Natalia Delattorre, is currently pursuing a career in Sustainability at Glendale Community College and was the recipient of the Grand Canyon Chapter's Outstanding Youth Award in 2017. The current president, Ana Machado, plans to pursue a career in Environmental Engineering upon graduation from Glendale High School.

Glendale Conservation Society will continue to grow and support students of Glendale High School and perhaps even the district. GCS will continue its work with Sierra Club and other Arizonan conservation groups in order to provide a better future for the local community and a better outlook for our state!

By Sandra Ramirez & Urb Weidner

Glendale Conservation Society
Team Secretary and Urb is Service Projects Chair for the Saguaro Group

Beyond the Slab

By Greg Pentkowski

CLIMATE ACTIVISTS AND ADVOCACY GROUPS IN ARIZONA ARE WORKING HARD TO CREATE HEALTHY COMMUNITIES: INDIGENOUS AMERICANS ARE BEING LEADERS ON CLEAN AIR, CLEAN WATER AND CLIMATE!

THERE WILL BE MANY IMPORTANT LOCAL ARIZONA ELECTIONS AND ISSUES IN 2020 THAT WE AND INDIGENOUS PEOPLE ARE WORKING ON: -- APACHE STRONGHOLD DEFENDING OAK FLAT, HOPE TRIBE STOPPING DAMS ON THE LITTLE COLORADO RIVER.

...DINE CARE, BLACK MESA WATER COALITION FOR CLEAN ENERGY, TOHONO O'ODHAM FIGHTING ROSEMONT AND HAVASUPAI OPPOSING URANIUM MINING.

THE ELECTION OF 2020 IS LESS THAN A YEAR AWAY, AND WE NEED TO WORK NOW TO STOP THE DESTRUCTION BEING WROUGHT UPON AMERICA AND THE EARTH BY THE TRUMP ADMINISTRATION.

http://sierraclub.org/arizona
Youth Groups Take to the Streets, Continue Global Climate Strikes

By Benjamin Downer

Almost daily, articles and reports outline new statistics, scientific findings, and causes for alarm stemming from climate change. The scope of the problem can feel insurmountable. Yet, the inability to do everything relating to climate change must not prevent each of us from doing something to tackle the issue. Joining protestors in over 280 U.S. locations, marchers descended onto downtown Tucson to raise their voices and decry the lack of ambition shown by national and global leaders in tackling climate change.

The December 6th protest, organized by youth involved in the Climate Strike Coalition, coincided with COP25, the UN Climate Change Conference where world leaders continued negotiating implementation of the landmark Paris Agreement. The strike had many speakers stressing the importance of climate action and encouraging the protestors as their efforts are already seeing results.

Coauthor of the recent Intergovernmental Panel on Climate Change (IPCC) report, Diana Liverman gave special praise to the youth. “Thank you for taking the message of what we need to do, about the unacceptability of global warming and getting people to listen,” Dr. Liverman stated. “The youth have had more success than the scientists and NGOs in getting people to pay attention to climate change.” Dr. Liverman also stressed that knowing the science is not enough. We are each charged to share the science with our elected officials, neighbors, friends, and leaders. Senator Victoria Steele, representing District 9 in the Arizona State Senate, echoed Dr. Liverman’s call to action. “You have more power than you know. Raise your voice and do not take no for an answer,” Senator Steele emphasized amid claps and cheers. “Get out there and make some good trouble!”

Change is possible, and the fight is far from over. The community you crave will only come from involving yourself and your voice. Visit https://strikewithus.org to get informed, get active, and join the growing movement demanding action on climate change. The planet is changing, why aren’t we?

Benjamin is a volunteer journalist and Sierra Club member in Globe, AZ.

Water, Water, Where does it go?

Flagstaff-Northern AZ Group Teams up with Students for Storm Drain Project

By Kay Bordwell

Who would think one small marker (sticker) could begin a trail of learning that engages a group of second and third graders? Our Northern Arizona Group of the Sierra Club purchased durable markers with approval from the City of Flagstaff that are placed around our storm drains to make people aware that the water that flows from our rains and flooding eventually ends up in the Colorado River!

Very few people realize that the Rio de Flag, which originates from snow melt from the west side of the San Francisco Peaks, is a more-than-200-mile flowing stream of water! It flows off the peaks, thru the town, and east to the Little Colorado River, which then makes its way to the Colorado River within Grand Canyon.

We are trying to alert people to not pollute this stream of water because it impacts the environment, plant and animal life, and endangered species in the Colorado River, such as the Colorado Pikeminnow. By putting storm drain markers around Flagstaff, we are hoping people will not pour pollutants like motor oil, soaps, antifreeze, dog poop, trash, etc. down the drains. This “storm drain water” directly impacts our fragile environment in and around Flagstaff and all along its route.

Students from Mountain School and Flagstaff Arts and Leadership Academy helped achieve our goal of placing markers near as many storm drains as we can and to educate the public about why this is so important. The students listened to a talk by the City of Flagstaff regarding floods in and around the city and then took off around the neighborhood to find storm drains, clean them out, and place markers to heighten awareness of what should and shouldn’t go down the drains. They will monitor the markers’ wear over the period of the school year.

Our next step is to visit the city water plant off Lake Mary Road to see how water is treated and delivered to our city of 75,000 people. Students have also been learning how water is especially important in our arid southwest for all that live here, and that by becoming an active participant in keeping water clean, using less, and understanding where it goes, we are helping to make this essential commodity last longer into our future.

Kay is a member of the Flagstaff-Northern AZ Group

Photo courtesy of Kay Bordwell.

http://sierraclub.org/arizona
Happenings Around the State

Six groups make up the Grand Canyon Chapter. All events and meetings listed below are open to members interested in learning more about Sierra Club. Schedules are subject to change. You can find out more at http://www.sierraclub.org/arizona/events-activities.

(x) Group ExCom members

The Palo Verde Group meets 6:30 p.m. most Thursday evenings. Our Conservation Committee meets on the first Thursday, Executive Committee on the second Thursday, and we have monthly programs on the fourth Thursday. For PVG Political Committee meetings contact Rebecca Hinton. Check the Grand Canyon Chapter online calendar for more details. For the most up-to-the-minute details, register on our Meetup page at https://www.meetup.com/paloverdegroup/.

Contact Rebecca Hinton for more information.

Contact Keith Bagwell for information about the following events.

The Rincon Group Conservation Committee meets at 6 p.m. in the first floor conference room of the Historic YWCA, 738 N. Fifth Avenue, in Tucson. The Rincon Group Executive Committee meets at the end of the Conservation Committee meetings, at about 7:15 p.m. The meetings are open to the public. Sierra Club members, in particular, are urged to participate in the Conservation Committee meetings. The meeting dates this quarter are Thursday, January 23, Thursday, February 27, and Thursday, March 26. Please join us!

Rincon Group programs are from 7 p.m. to 8:30 p.m. on the second Thursday of the month, except for a July and August break. They are in the Ward Three Tucson City Council Office, 1510 E. Grant Road. They are free and open to the public. Refreshments are served.

Thursday, January 9. Sierra Club says “No Al Muro.” Border militarization and wall construction are causing widespread destruction in the México-U.S. borderlands. Indigenous lands that host vibrant communities and many of the region’s most precious water resources. More than 650 miles of barriers and walls have been built without regard for laws that protect land, air, water, historic and cultural sites, and religious freedom. Instead of addressing issues at the root of human migration, today’s administration and the U.S. Congress are doubling down on nearly three decades of failed border policy: more walls, agents, and sweetheart deals for security contractors and wall-builders. Rogel Carrillo, a longtime Tucsonan and Sierra Club Borderlands Team volunteer, will be joined by other Sierra Club Borderlands activists and bring a variety of materials to inform the audience about what’s happening and what actions we can take.


Thursday, March 12. The Right to be Wild, the Story of the Mexican Gray Wolf. Please join us for a screening of the film Right to be Wild - a tale of hope, struggle, survival and determination. It is the story of the Mexican gray wolf, the lobo; one of the most endangered mammals in North America. Discussion with a panel of experts, providing updates on Mexican wolf recovery and actions you can take to help with recovery of the lobo in the wild, follows the screening.
Yavapai Group Executive Committee Meetings will be held on the first Wednesday of each month at 6 p.m. All members are encouraged to attend and participate in our discussions and planning decisions about our local issues. We meet at the Granite Peak Unitarian Universalist Congregation Education Center, 885 Sunset Ave., Prescott.

For additional information contact Gary Beverly.

Additionally, we always need volunteers to help in monitoring the flow in the upper Verde River (contact Tom Slaback). We also need help on the ground monitoring of the Prescott National Forest’s plan to “manage” (remove) vegetation on more than half of their 1.2 million acres (contact Jenny Cobb).

Flagstaff Group programs are from 6 p.m. to 7:30 p.m. on the second Thursday of the month. They are in the JCM Adult Center Thorpe Park, 245 N Thorpe Rd, Flagstaff. They are free and open to the public. There will be no December meeting. January 9th will be an Executive Committee with installation of members and 2020 planning.

Sedona/Verde Valley Group
http://www.reliablescribe.com/svvg

For information about activities in the Sedona/Verde Valley area, contact Brian Myers.

*Note: The Grand Canyon Chapter is considering an action to transition the Sedona-Verde Valley Group into a conservation committee. If this move is made, we will want members in the Sedona-Verde Valley to remain active and a vital part of the chapter and its work on behalf of our environment. They are no less important to us as a result of this restructuring and we desire that the members in this area continue to contribute to our work via the conservation committee. There would be less pressure on area leadership to handle financial affairs and to comply with the many requirements of operating a group. Members are invited to come and discuss this topic at the Chapter Executive Committee meeting at 11 a.m. on Sunday, January 12, 2020, in the North Mountain Visitor Center, 12950 North Seventh Street, Phoenix. The Chapter Executive Committee could take action on this issue following the discussion.
Roy Emrick
In Memorium

Written by Lee Oler, with help from Gail Emrick

Hiking his way to Heaven: Roy Emrick passed away on October 13, 2019. I was fortunate to interview Roy recently for my “On the Shoulders” series in the Rincon Group Newsletter. His obit started out, “Arizona says goodbye to Roy Emrick… A native of Ohio, Roy earned his Bachelor of Science degree from Cornell University and his PhD. from the University of Illinois, both in physics.” Roy told me he instantly fell in love with the Southwest when he came to Tucson to investigate the job scene at the University of Arizona. He took a position in the UofA physics department saying he decided he would rather live in Tucson 52 weeks a year and have a smaller salary, than take a higher paying position and wait 50 weeks to take his two-week vacation in the Southwest.

We were so fortunate that Roy chose to stay in Arizona.

When I came to Tucson I was lucky enough to move into a house across the alley from Roy. I couldn’t have planned a better way to start my post-grad adventure. Roy was always there as an activist. From the early days he was a man who did what was good, from helping Juel Rodack and Arizonans for Water Without Waste interview candidates to taking part in Sierra Club canvassing, protesting, and all other things political.

He held many positions in the Sierra Club Grand Canyon Chapter and in the Rincon Group, too. Roy was treasurer for various progressive candidates running for office and also past president of the Friends of Buenos Aires National Wildlife Refuge. He was the dependable go-to person whenever anyone needed help.

His daughter Gail wrote a loving Father’s Day message last June. Here is a bit of it. “I am so thankful for my dad’s immense love of nature. He and my mom took us kids to so many out-of-the-way incredibly beautiful places that most people probably don’t even know existed. We went to the Canadian Rockies, and all the way to Central America because of my father’s passion for adventure.

“My dad inspired the love of outdoors and nature in us, and … in his grandchildren as well. We have much to be thankful for on this beautiful Earth, and much of it was shown to us by our wonderful, nature-loving father, Roy.”

Roy is survived by Frances, his wife of 27 years, and his three children, Steven Emrick and his wife, Liz; Gail Emrick and her children, Jean Marie, Montgomery, and Sebastian; and Ellen Emrick Taylor, her husband Mark, and their three children, Olivia, Julia, and Sophia; and Jean Emrick, the mother of his children.

[ Roy’s children are holding a memorial for Roy in Tucson this January. If you would like to attend, please contact (619) 462-1823 for details. ]

The SRP District Board Election is April 7
Are you registered to vote?

By Karen Contos

As the Arizona Corporation Commission does not regulate the Salt River Project (SRP), the makeup of the District Board is extremely important. Board responsibilities include establishing specific policy, approving the annual budgets and major contracts, authorizing major purchases and sales of assets, and setting electricity prices.

Eligible voters total around 50% of SRP’s ratepayers. Are you an eligible voter? You must be a ratepayer, a homeowner, and live in the voting district. (See map on page 13). The voting district hasn’t changed since its inception in 1937. A whopping 40% of ratepayers live outside of their voting district and this number continues to grow, thanks to increases in the East Valley population.

SRP’s election system is based on acreage voting, so the more acres you have, the more votes you get to cast. If you own a standard home on ¼ acre, you get ¼ of a vote!

Of the estimated 500,000 eligible voters, only 6,000 voted in the last election! Why? Because SRP does not advertise its elections nor does it mention them on ratepayer bills. If the public utility wanted a democratic election, it would change its ways. Management and the majority of the board seem to want to keep a low turnout and keep the current board intact.

If you are an eligible voter, then please register to vote. You can do this online at https://www.srpnet.com/elections/Default.aspx.

In addition, if you are an eligible voter and have some spare time and want to get paid for going to meetings, consider running for a board position! The deadline to submit your paperwork to SRP is February 7, 2020.

There are seven Board seats open in this upcoming election—one from each of the five odd-numbered voting districts (1,3,5,7,9)—and the two at-large seats, 11 and 13. Unlike the
Plastic: A Toxic Love Story

Reviewed by Benjamin Downer

Plastic has molded its way into nearly every facet of daily life, at once revered and now reviled for its ability to last forever. In Plastic: A Toxic Love Story journalist Susan Freinkel dives into the chemical, cultural, and economic complexities of plastics by tracing the paths of eight familiar objects: comb, chair, Frisbee, IV bag, disposable lighter, grocery bag, soda bottle, and credit card.

The innocuous cheap plastic garden chair was born from a lineage of high-concept furniture designs before being relegated to the slim-margin production piece consumers throw away today. Each object tells a tangled, paradox-filled story that seeks to discover if plastics, or our relationship with them, is the issue.

One answer is to make plastics biodegradable and remove the guilt associated with the material’s longevity. Returning to furniture, Susan’s probing of a fully biodegradable sofa hints at a deeper question.

“Leaving behind the idea of if this goal is even feasible, what does it say about our culture? Is a biodegradable couch a sign of a more sustainable mentality? Or is it just a greened-up version of the same shop-and-toss habits?” As consumers, what are we to value? Production and profit without the peril, or a shift in consumption habits altogether. Whatever the message, plastics can fill the mold and last long enough to ensure we see the consequences.

Benjamin is a volunteer journalist and Sierra Club member in Globe, AZ.

Sky Islands: Encountering a Landlocked Archipelago

Reviewed by Kathy Mohr-Almeida

Sky Islands: Encountering a Landlocked Archipelago is a beautiful book that will appeal to anyone who enjoys exploring Arizona’s remote places. An impressive reference that captures Arizona’s allure, Sky Islands is comprised of historical timelines, maps, and data about various zones in the region. Most noteworthy are the exceptional photos, the majority of which were taken by Fischer, of the staggering diversity of plants and animals that live in the archipelago. Fischer has done meticulous work, including information about the ontology of species’ names for the majority of his photographs, all of which are documented with the date they were taken.

That this is an impressive tome is no surprise, given the pedigree of the book’s author. Fischer has traveled and photographed the Southwest for more than 50 years, and his work has been featured in Arizona Highways and other periodicals. Fischer takes deep dives in Sky Islands, including material on geology, topography, climate, military surveys, and early expeditions in the area. Sky Islands contains useful and interesting citations throughout, and the places, animals, and flora captured in the book’s index makes it easy to locate what the reader may want to know about this rare region.

Sky Islands will delight people who are impressed by the diversity found in Arizona, as well as aficionados of AZ history. If you have a collection of books on Arizona, it must include this book. I promise you will be struck by the time and effort Fischer invested in this labor of love, and the beauty he captured.

Kathy is the Membership Chair for the Palo Verde Group and the Chapter.
JAN, FEB, or MAR (TBA) “C” Ski the Dells (Peavine Trail) (about 3 miles). In February 2019 there was a heavy snowfall and we were able to cross-country ski on the Peavine Trail in the Dells. If anyone would like to participate in this potential outing, please contact the Outings Leader. We will call if a heavy snow is anticipated and set a time and place to meet, along with appropriate instructions. The Peavine Trail is essentially flat. Expect a short walk uphill to access the trail. For details contact Tom Slaback theprescottkid@cableone.net 928-778-4233 or Jenny Cobb cobbstrun@msn.com 928-925-1320 Prescott

JAN 11 (SAT) “A” Devil’s Canyon Dayhike (5 mi., RT) Join us for a non-technical off-trail hike through spectacular Devils Canyon, also known as Gaan Canyon. Despite the modest roundtrip mileage, the hiking is strenuous. There are a few down climbs to be negotiated. We will hike to the first pool in an area known as the Seven Sacred Pools. If the weather is warm, this will be a great place for a refreshing swim. Devils Canyon and Oak Flat are threatened by a highly controversial mine project that will destroy the area. The canyon is the sacred homeland of the Apache people. A foreign mining company wants to build a huge blockade style mine, creating a giant cave 6,000 feet below the surface, because they are not planning to backfill it with mine tailings. Contact Mitch Stevens at mitchstevens@stevenslloydgroup.com or 520-991-1199.

JAN 11 (SAT) “A” Mt Kimball–Pima Canyon Traverse (10.5 mi. Total, 4974’ AEG). This hike starts at the Finger Rock trailhead and ascends Finger Rock Canyon which is famous for its dramatic view of Finger Rock. The summit of Mt. Kimball (7258’) is a Tucson landmark and offers views of Mount Lemmon and Cathedral rock. The trip down follows the Pima Canyon trail and a car shuttle will be set up in advance for the return to Finger Rock trailhead. Plan on a full day of hiking. Contact Donald Smith at donsc@the3smiths.com or 520-222-9645.

JAN 13 (MON) “C” Pinnacle Peak (4 mi., RT, 530’ EC, 1060’ accumulated gain). The nicely maintained trail skirts around the prominent 3171’ valley landmark. The trail has a number of viewing/rest areas with good views of the north and east valley. There are enough ups and downs on this enjoyable trail to give most hikers a workout. Contact Pete Weiselt 623-388-2209 or vitalpaw@yahoo.com.

JAN 18 (SAT) “B” Table Top Mountain Wilderness Dayhike We will follow the summit trail to the high point in the Table Top Mountain Wilderness Area. This is a wilderness area that was established in 1990 and is embedded within the Sonoran Desert National Monument. Table Top Mountain itself is an ancient volcano and we will see remnants of lava flows as we ascend the trail. Hiking distance is 9 miles round trip with an elevation gain of 2,000’. If you have a high clearance vehicle and are willing to drive, let me know. Plan on having dinner in the town of Maricopa on the drive back. For reservations, meeting time and place, and carpooling information, please contact your leader, Jim Vaaler, at jimvaaler@msn.com or call Jim at 602-553-8208.

JAN 19 (SUN) “C” Santa Catalina Mountains: Babad Do’ag Trail (4.5 miles RT, 1,200’ EC). This south-facing trail is great for winter hiking. Learn the meaning and significance of this trail name and take in a view of the east side of Tucson. We will talk about our public lands: national forests, national parks, national wildlife refuges, and wilderness areas. Limit 15. Contact Meg Weesner for details at mweesner@att.net or 520-576-2083.

JAN 21–23 (TUES–THURS) Cross Country or Downhill Ski at the Sunrise Ski Area Stay at a Pinetop resort. Cost depends on room sharing and ski rentals. Carpooling and room sharing will be arranged. Contact Bev Full, bfull@cox.net or 480-221-2554.

JAN 25 (SAT) “B” Thimble Peak (11.5 mi., RT, 1830’ AEG). This uniquely shaped 5323’ peak is a well-known Tucson landmark in the Santa Catalina Mountains north of Tucson. There is a good trail most of the way to the peak; the final mile involves some off-trail hiking. We will climb the North Spire, and from the peak you will be rewarded with extensive views of Tucson. Plan on a full day. Contact Donald Smith at donsc@the3smiths.com or 520-222-9645.

FEB 7–9 (FRI–SUN) “A” Paradise Backpack (22 miles RT) Deep in the heart of the Mazatzal Wilderness exists a place few people have ventured, a place we call “Paradise.” But to access this area requires a difficult and strenuous trek. Nine miles of trail in, then very difficult cross-country, broken, vertical-walled canyons, scree, and brush-choked hillsides are obstacles we must navigate through. Despite devastating fires that ravaged the wilderness several years ago, the Mazatzals are one of Arizona’s best kept backpacking secrets. Strong, experienced hikers will enjoy this outing. Contact Mitch Stevens at mitchstevens@stevenslloydgroup.com or 520-991-1199 for reservations and more information.

FEB 12 (WED) “D” Cave Creek Regional Park Overland Trail Hike (3.5 miles). Contact Bev Full for carpool location in the Cave Creek area. Park entrance fee is $7 per vehicle to be shared by car occupant.

Explore and Enjoy Arizona

Find more events and opportunities on our online calendar at http://www.sierraclub.org/arizona/outings.
Explore and Enjoy Arizona

Find more events and opportunities on our online calendar at http://www.sierraclub.org/arizona/outings.

**Winter 2020**

**Phoenix**

**FEB 16 (SUN) “B-” Saguaro National Park West: Wasson Peak** (8 miles RT, 1,700’ EC) We will hike the Sendero Esperanza and Hugh Norris Trails to the summit of Wasson Peak. This route provides a great overview of Avra Valley lands that are threatened by a new interstate. We will talk about Sierra Club’s opposition to I-11 as proposed by AZ Dept. of Transportation, and the status of the environmental review. Limit 18. Contact Meg Weesner for details at mweesner@att.net or 520-576-2083. **Tucson**

**FEB 17 (MON) “C” Deem Hills Park Hike** (3.5 miles loop trail, 600’ EC) We’ll start on the Circumference Trail, then take the Ridge-line Trail (1.5 miles) over the western rim of the park back to the Circumference Trail looping back around to the parking area. This hike offers nice elevated views, and good, but not too steep, uphill. Contact Pete Weinelt 623-388-2209 or vitalpaw@yahoo.com. **Phoenix**

**FEB 22 (SAT) “B” Robbers Roost Dayhike, Superstition Wilderness** We will be following a rough trail/route to the unique rock formation called Robbers Roost. A short car shuttle will be involved so if you have a high clearance vehicle and are willing to drive let me know. The Superstition Wilderness Area was established in 1964 and the leader will discuss the consequences to this area had it not received wilderness designation. Hiking distance is about 6 miles with an elevation gain of 1,500’. For those who want to we could have dinner somewhere on the way back. For reservations, meeting time and place as well as carpooling information please contact your leader, Jim Vaaler, at jimvaaler@msn.com or call Jim at 602-553-8208. **Phoenix**

**MAR 14 (SAT) “B+” Quartz Mountain Dayhike, Sierra Estrella Wilderness** We will be following the Quartz Mountain Trail to the summit of Quartz Mountain. The last part of the hike will be following a rough ridge as there is no trail. Expect to see expansive views of Rainbow Valley and we will also see if we can spot a few elusive elephant trees as we ascend. As usual if you have a high clearance vehicle and are willing to drive let me know. Hiking distance is about 7 miles round trip with an elevation gain of 2,500’. Plan on having dinner somewhere in the west valley on the way back. For reservations, meeting time and place as well as carpooling information please contact the leader, Jim Vaaler, at jimvaaler@msn.com or call Jim at 602-553-8208. **Phoenix**

**MAR 14 (SAT) “A” Circumnavigate Weavers Needle (13 miles RT) This hike features great desert scenery in the historic Superstition Wilderness. Hikers will circumnavigate Weaver Needle on this 13-mile loop. The loop offers amazing views of Weaver Needle. In spring, the trail has an abundance of wildflowers blooming; spring is the best time of year to hike this loop. Contact Mitch Stevens at mitchstevens@stevenslloydgroup.com or 520-991-1199 for reservations and more information.**

**MAR 16 (MON) “C” Skyline Regional Park Hike** (3.8-mile loop trail, 580’ EC). We'll be hiking the Turnbuckle loop trail in this park, which is the southern part of the White Tanks mountains. This is a nice uphill then downhill loop trail through a pleasant hilly desert area. Contact Pete Weinelt at 623-388-2209 or vitalpaw@yahoo.com. **Phoenix**

**MAR 21 (SAT) “B” Little Granite Mountain Loop Dayhike** (6.6 miles) We will hike Trail 261 to Clark Springs Trail 40, to Little Granite Mountain Trail 37, to Blair Pass Trail 261 and back to the trailhead. The hike entails uphill and downhill portions with great views west and of Granite Mountain. Elevation gain is 780’. The area is rich in local history both from the past and present day. For details contact Jenny Cobb cobb@msn.com 928-925-1320. **Prescott**

**MAR 29 (SUN) “C” Saguaro National Park East: Wandering in the Cactus Forest** (6-mile loop, 700’ EC). We will follow a network of trails, including Pink Hill, Squeeze Pen, Loma Verde, and others, looking for wildflowers and appreciating this special place the week before Arizona Public Lands Day. Limit 18. Contact Meg Weesner for details at mweesner@att.net or 520-576-2083. **Tucson**

**APR 4 (SAT) “A” Harquahala Peak Dayhike, Harquahala Wilderness** We will follow the historic “observatory trail” to the summit of Harquahala Peak. If you can find a copy of it, the book entitled “Harquahala Letters” is a fascinating read and gives many excellent insights into the history of this area. If you have a high clearance vehicle and are willing to drive let me know. Hiking distance is 10 miles round trip with an elevation change of 3,300’. Plan on having dinner in Wickenburg on the way back. For reservations, meeting time and place as well as carpooling information, contact the leader, Jim Vaaler, at jimvaaler@msn.com or call Jim at 602-553-8208. **Phoenix**

**APR 13–17 (MON–FRI) Camp and Hike in Arches National Park** Camp and hike on Monday and Tuesday. Guided kayak (rubber ducky) on the Colorado River on Wednesday, Camp and explore Canyonlands National Park on Thursday and Friday. Cost of trip is approx. $225. Contact Bev Full, leader, for information and reservations. bfull@cox.net 480-221-2554. **Phoenix**

**May 4–9 (MON–SAT) Annual Green River/Labyrinth Canyon Canoe Outing** Camp 4 nights along the river launching at Crystal Geyser, just south of Green River, Utah. Enjoy colorful canyons and formations, and abundant wildlife. Cost of this trip is $250, which covers the canoe rentals, shuttles, and meals in camp. Contact Bev Full, bfull@cox.net or 480-221-2554.

**Explore and Enjoy Arizona**

The Sierra Club is a nationwide organization with active local outings for members and non-members. Please join us as we make friends and explore life-enriching interests. Simply find an outing by date and contact the leader for directions, reservations, time, and additional information. RESTRICTIONS: NO FIREARMS, RADIOS, OR PETS (unless noted otherwise). Outings are by reservation. Call early (group limit 20). Each hike is rated for degree of difficulty and risk by the leader.

“A” >16 miles or >3,000 ft. elevation change

“B” 8–16 miles and 1,500–3,000 ft. EC

“C” 3–8 miles, 500–1,500 ft. EC

“RT” Round Trip

“D” <3 miles and 500 ft. EC

“OW” One Way

The trip leader has absolute authority to question trip participants as to their equipment, conditioning, and experience before and during the trip. All participants on Sierra Club outings are required to sign a standard liability waiver. If you would like to read the liability waiver before you choose to participate in an outing, please go to http://content.sierraclub.org/outings/local-outdoors/resources or contact the National Outings Dept. at 415-977-5528 for a printed version. Sierra Club liability covers leaders only. Each person is responsible for his/her own first aid equipment. If you are injured, notify the leader immediately. If you leave the trip, with our without the leader’s permission, you are considered to be on your own until you rejoin the group. Hikers are encouraged to carpool and share the driver’s fuel expense. Donations are accepted from all participants at $1 (member) and $3 (nonmember). Money is collected by the leader and deposited with the group treasurer. For more information, contact the Sierra Club Grand Canyon office at 602-253-8633. Hikes and outings are also listed online at https://www.sierraclub.org/arizona/events-activities. CST 2087766-40. Registration as a seller of travel does not constitute approval by the State of California.
Sierra Club Service Opportunities

**Get involved and make a difference.**

Please join us for these exciting service outings!

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**Dr. Martin Luther King, Jr Day of Service**

2439 S Central Ave, Phoenix

Monday, Jan. 20, 2020, 8 a.m. - 12 p.m.

Contact: Lydia Wilson, lydia.wilson@sierraclub.org or 602-253-9140.

We will be helping the City of Phoenix with several projects along the Rio Salado Restoration Area to celebrate service, a key aspect of the legacy of Dr. Martin Luther King, Jr. Projects could include: tree planting, seed planting, invasive plant removal, picking up litter, removing dead vegetation (fire prevention), painting curbs, and more. Please register at http://bit.ly/2020mlkdrk.

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**Buffelgrass Removal and Sustainable Home Tour**

Saturday, Jan. 25, Feb. 22, Mar. 28, 2020 - 9:00am

“C+” (3-4 miles RT, 500 ft. elev. gain and physical labor) Help us eliminate buffelgrass in a beautiful part of Saguaro NP(W). Park personnel will provide instructions, gloves, and tools. Bring water, sun protection, and lunch. Sturdy footwear is vital because we’ll hike off-trail and work in rough terrain.

After the morning hike and buffelgrass removal we’ll eat lunch on a porch with a dramatic view of the National Park. In the afternoon enjoy a tour of a post and beam house with strawbale infill, off-the grid solar electricity, passive solar heating, composting toilets, earthen plaster, and rainwater harvesting for all the home’s water needs. The house was built to minimize its visual impact on the stunning landscape. To see photos go to the Buffelgrass and House Construction galleries at www.FrankStaub.com.

Contact: Frank Staub at fjstaub@hotmail.com or 520-260-1400.

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**Trail Maintenance on a Section of The Maricopa Trail**

41731 N. New River Rd, Phoenix

Saturday, Jan. 25, 2020 - 9:00am

Contact: Urb Weidner, northwoods@cox.net or 602-300-8505.

Join us as we serve as stewards of a northern section of the Maricopa Trail. The trail winds through Maricopa County, connecting the county’s regional parks with a 315-mile scenic and diverse route.

Assistance will take the form of clearing of water runoff channels, removal of some rocks, and erosion prevention. The work will be light with no bushwhacking required. We will cover no more than 1 1/2 miles (3 miles RT) coming from the West side. A 2nd event, starting on the East side, will be announced at a later date.

This is a section of the trail, which you may not have previously experienced; therefore, you may find it an interesting event. Bring drinking water, sunscreen, and work gloves. Tools will be provided. The activity will run approximately 3 hours.

If interested in carpooling, email northwoods@cox.net for specifics and confirmation you will be carpooling. Carpool will meet at the east side of the CVS parking lot at Tatum and Dynamite at 8:20am. Or, you can go directly to the Andy Kunasek trailhead (41731 N. New River Rd, Phoenix). Follow link for map: https://www.maricopacountyparks.net/assets/1/6/72k-regional-trail-anthem-spur-cross-bw-8x11.pdf

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**Hands-on Assistance to SW Wildlife Conservation Center**

27026 N. 156th St., Scottsdale, AZ 85262

Monday, March 30, 2020 - 9:00am

Contact: Urb Weidner, northwoods@cox.net or 602-300-8505.

Join the Saguaro Group as we provide hands-on help to the Southwest Wildlife Conservation Center. SWCC rescues native wild animals that have lost their homes to development, or are found injured, orphaned, or abandoned. Then, if possible, these animals are returned to the wild.

SWCC has an upcoming Donor appreciation event. Prior to this event, they would appreciate assistance in having SWCC look its best. Assistance will take the form of general cleanup and landscaping in preparation for the Donor session.

Bring drinking water, sunscreen, and work gloves. Required tools will be provided.

If interested in carpooling, email northwoods@cox.net for specifics and to confirm you will be carpooling. Carpool will meet at the east side of the CVS parking lot at Tatum and Dynamite at 8:20am. Or, you can go directly to the facility, located at: 27026 N. 156th St., Scottsdale, AZ.

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http://sierraclub.org/arizona