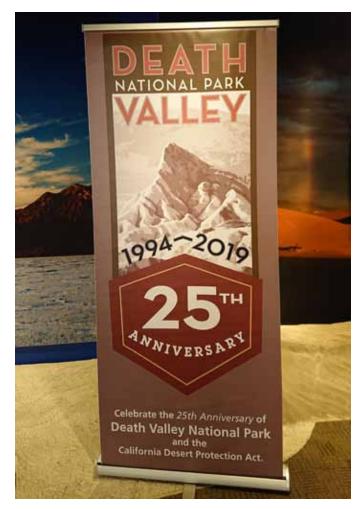


Celebrating the 25th Anniversary in Death Valley

By Bruce Hale

On October 31, 1994 the California Desert Protection Act was signed into law by then President Clinton. It upgraded Death Valley from monument status to national park status and added 1.3 million acres to the new park. Death Valley thus became the largest national park in the 48 states. At that time no one realized the crucial role national park status would play today in protecting Death Valley from being opened up wide to mining and ORVs by the Trump Administration.



January, 2020





Judy with the blueprints. The official sianing photo is behind her

Judy Anderson, longtime Sierra Club activist and charter member of the Verdugo Hills Sierra Club Group, lobbied on behalf of the Sierra Club as an advocate for the CDPA. She was invited to participate in the weeklong celebration marking the 25th anniversary of the act this fall. She brought to the celebration her original blueprints for the park boundaries in 1994 and donated them to the National Park Service which will carefully curate the blueprints. During her advocacy she became familiar with many "pieces of Death Valley," often driving out to do visual inspections. Each page of the blueprints tells a story. Besides having had boots on the ground in many areas of Death Valley, she also flew back to Washington, DC more than once to walk the halls of Congress. Park Superintendent Mike Reynolds said, "Judy Anderson was relentless in her pursuit of the





CDPA". No wonder she attended the signing ceremony on October 31, 1994 and received the signing pen from President Clinton. Judy, dressed in red for the occasion, stands out next to the President in the official photograph. By the way, desert tortoises also provided accompaniment to the signing ceremony.

This celebration took place over a month ago at the nicely appointed Visitor Center in Furnace Creek. Judy gave a presentation to the staff about the process of getting the bill through. It is not an exaggeration to describe the ultimate result of the 8-year process as a "miracle", especially because the bill passed on the very last day of the session. In another part of the celebration, Judy had a panel discussion with Ranger Hillary Clark about the significance of the CDPA. One example of its ongoing benefit is that native species are coming back since ORV use is curtailed and grazing is no longer allowed in the national park.

The biggest public festivity came on Saturday on the patio of the Visitor Center and in its theater. National Park Service officials spoke. Judy received a plaque in honor of her work. Booths and displays offered information. Finally, park superintendents, past and present, spoke in a roundtable about the CDPA. They shared their knowledge and observations over a long period of years.

I too had a part during this special week. I drove up with Judy. Driving was not a difficult task when I found that driving the wide-open spaces of Death Valley as we entered through the Panamint Valley and then Hwy 190 to be exhilarating from the stark, pristine, silent beauty. When Judy and I were not at the celebrations at the Visitor Center, we did some sightseeing. Among other things, we visited the Badwater Basin [lowest elevation in North America at -282 ft.] We visited the Ash Meadows Wildlife Refuge, best-known for the pup fish. I did some hiking while Judy enjoyed the lobby of the historic Furnace Creek Inn. We had lunch at the native Timbisha restaurant near Furnace Creek. We could not visit Scotty's Castle because it remains closed from storm damage, but it is set to re-open next year.

During the week, we commuted the 25 miles between Stovepipe Wells, where we were lodging at the Village Hotel, and Furnace Creek, where the festivities took place. I liked the simplicity of our hotel, and its

convenience for early morning hikes up the Mesquite Sand Dunes [just 2 miles away] and Mosaic Canyon, practically next door to the hotel. Stovepipe Wells, which has the feel of a frontier village, has little besides the hotel, the general store, and a gas station. There is also a campground which looks like a gravel parking lot. Judy and I ate dinner in the hotel restaurant which had at least a few dishes acceptable to me as a vegetarian. The nights in Death Valley are utterly dark beyond the glow of the hotel. But ah, the glorious starry sky is positively awe-inspiring! Death Valley is famous for being the hottest (its all time high is 134° F in 1913), for having the lowest spot (Badwater), for being the driest (the minimal rainfall does not even recoup moisture lost from evaporation by 75%), and it may also have the darkest nights.

A Holiday Visit to the Mission Inn By Evelyn Alexander

On December 12th a group of 15 of us traveled to Riverside to tour the historic Mission Inn and see the fabulous light show.

Founded in 1876 as a boarding house with 12 rooms the hotel grew to a world famous 4 star hotel with 4 wings and over 200 rooms. The hotel has been a center piece of Riverside culture for over 100 years. The buildings incorporate architectural features from 20 of the California Missions. Presidents, movies stars and countless celebrities have enjoyed its hospitality and ambiance.

The first owner Frank Miller collected priceless treasures for the hotel such as the Nanjing Bell [1247], the Amitabha Buddha [made during the Tokugowa period 1615-1868] and countless oil paintings including



CONSERVATION



20 of Henry Chapman Ford' paintings of the California missions. Most impressive is the Saint Francis of Assisi Chapel with its 18 caret gold Reyas Altarpiece [mid-18th century] and Tiffany stained glass windows.

After our tour we visited the U C Riverside Art and Photography Museum and enjoyed an early dinner at the Trattoria at the Inn, where we watched downtown Riverside light up and come alive for their famous Festival of Lights. With over 5,000,000 lights the Mission Inn's Light Show is one of the largest in the country. The Inn became a fairyland with lights, animated figures and holiday decorations. For the last 27 years the show has attracted 500,000 visitors annually and turned into the focus of the areas holiday traditions. It certainly made an impression on our group as we walked around this historic building.

Plastic: It's Everywhere, Outside and Inside

by Carol Henning

You are hiking alone (usually not a good idea) in the Santa Monica Mountains, maybe at their eastern end, in Griffith Park. The sun is slowly descending toward the western horizon. There is a chill in the air, and hunger is gnawing at your vitals. You drink some water, but that doesn't really satisfy. You scold yourself for leaving that granola bar on the kitchen counter as you rushed out the front door to get to the start of your hike. You had better hustle in order to return to the trail-head before dark. A hunger headache is starting to slither over your skull. But wait! There is a handy snack waiting in your wallet—your credit card. Why not? A new study by the University of Newcastle, in Australia, suggests that an average person could be ingesting approximately five grams of plastic every week. That's the equivalent of a credit card's worth of microplastics. So why not gobble the five grams at one gulp. Nibbling on the credit card might be safer than trying to swallow it whole, though. You have enough problems at the moment and do not need to add the risk of choking to death.

How do these microplastics get into our bodies even when we decline to eat our credit cards? The main source is drinking water, both tap water and bottled water. The Newcastle study concluded that an average person might consume as many as 1769 particles of plastic every week, just from water. The next most common source of plastic particles is shellfish. This is because shellfish are eaten whole including each creature's digestive system, which contains the residue of a life spent in plastic-polluted seas. Plastic particles, but far fewer of them, are also found in beer and salt.

We inhale microplastics too, but, even though exposure to airborne microplastics varies depending on local conditions and lifestyle, a very small proportion of microplastics enter our bodies as a result of inhalation. The study showed that indoor air contains more plastic particles than outdoor air. Indoor air circulates less. Moreover, synthetic textiles and household dust are important sources of airborne microplastic.

Plastic particles are everywhere: air, snow, Arctic sea ice, on top of the Pyrénées Mountains and at the bottom of the Mariana trench. Plastic pollution affects the natural environment of most species on the planet. Animals get entangled in large plastic debris. This leads to acute and chronic injury or death. It has been recorded in over 2170 different species of mammals, reptiles, birds and fish. Animals also ingest large quantities of plastic which they cannot pass through their digestive systems. The results are internal abrasions, digestive blockages and death. Toxins from ingested plastic impair immune systems.

The study, based on research conducted by scientists at the University of Newcastle, in Australia, was commissioned by the World Wide Fund for Nature, AKA the World Wildlife Fund. It was published in June, 2019. Scientists are continuing to expand their research on how plastic pollution is distributed and how much plastic is consumed. They are mapping size and weight

CONSERVATION

distribution of plastic waste particles and how these, when consumed by an animal, travel into muscle tissue. Plastic in the oceans is being tracked. What makes this necessary is the ever-increasing use and the limited recycling of plastic.

The production of virgin plastic has increased 200fold since 1950. Current production could increase by 40 percent by 2030. One not already alarmed might want to consider the fact that plastic is used as a disposable material to such an extent that over 75 percent of all plastic ever produced is waste. Most of this waste is mismanaged, meaning it is left uncollected, openly dumped, littered or managed through uncontrolled landfills. Of this mismanaged waste, about 87 percent is leaked into nature and becomes pollution (DeSouza Machado, et al, "Microplastics as an Emerging Threat to Terrestrial Ecosystems," 2018).

Mismanaged solid waste is a direct result of underdeveloped waste management infrastructure. Sierra Magazine for July/August 2019 contains an article by Edward Humes, "You Can't Recycle Garbage" Humes points out that many of the plastic materials that U.S. consumers try to recycle—especially plastic bags never get recycled at all. They're just trash. He explains that well-meaning "aspirational" recyclers "routinely confuse theoretical recyclability with actual recycling. While plastic straws, grocery bags, eating utensils, yoghurt containers and takeout food clamshells are all theoretically recyclable, they are almost never recycled. Instead they jam machinery and lower the value of the profitably recyclable materials they are mixed with, like aluminum cans and clean paper." Humes adds the observation that "Americans are notorious for putting pretty much anything into recycling bins....partly out of ignorance and partly because China gave us a decadeslong pass on making distinctions."

In the 1990s, China was rapidly industrializing. It began to "import mixed paper and plastics from western countries to get feedstock for the products that it was manufacturing and exporting back to those same countries." At the same time, a few large corporations began to dominate the U.S. trash business. Sending trash to China cut labor and transportation costs and obviated the need to update and maintain sorting

and cleaning machinery. "Cities and waste companies abandoned methodical curbside sorting in favor of the far cheaper and now predominate single-stream method, in which all recyclables go into one bin that's picked up by one trash truck," explains Humes. All types of plastics, including ones that cannot be recycled, could be packaged into giant bales. Mixed paper could be bundled in the same way even though much of it was contaminated by being tossed into the blue bin along with unwashed cat food cans, pizza boxes with cheese still clinging to the cardboard and paper or Styrofoam drinking cups still containing small amounts of coffee or cola. I have seen all of the above in the recycling bins at the condo complex where I live. The management has tacked lists of what items should or shouldn't be placed in the bins. These lists are difficult to read and are usually ignored. The time spent by some residents to sort and clean their cans and bottles is probably time wasted.

Martin Bourque, the executive director of the Ecology Center, the nonprofit that facilitates curbside recycling in Berkeley, California, claims that as much as 30 percent of the single-stream recyclables that made their way to China on container ships were contaminated by nonrecyclable materials and were never recycled (quoted in Humes, Op. Cit.). Instead, many of the bales of plastic sent to China ended up polluting land and sea near China's shantytowns along the edges of big port cities.

When Chinabegan warning U.S. recycling companies, as early as 2013, that it would limit contamination of recycling imports to 0.5 percent, the companies were incapable of meeting these new standards. Cash for trash is no longer an easy way to stem the tide of solid waste that threatens to engulf us, its creators. We cannot recycle our way out from under the tons of plastic trash.

The problem has to be solved at its source. That will pit environmentalists against powerful fossil fuel companies, which are betting on plastics to fill in the gap created by the decline in demand for gasoline. Companies such as ExxonMobil are seeking markets for the oil and gas from the U.S. fracking boom. Oil and gas are used in the manufacture of petrochemicals, the essential feedstock of plastic production. Antonia Juhasz ("Boom Goes the Plastics Industry," *Sierra Magazine*, Op. Cit.) cites

CONSERVATION

a recent investor article titled "Oil's Future Paved with Plastic" released by Bank of America Merrill Lynch. The American Chemistry Council reports that, since 2010, plans for 333 new chemical-manufacturing projects have been announced in the U.S. Increased production means it is now cheaper than ever to produce single-use plastic for consumer packaging—the number one end use of plastic.

The fossil fuel industry "has been very effective shifting the narrative from production to the end of the plastic life cycle," remarks Carroll Muffett, president of the Center for International Environmental Law (quoted in Juhasz, Op. Cit.) We must shift the narrative back from recycling and disposal to production, which continues to increase. In February of 2019, CIEL released an 80-page report identifying a human "health crisis" including increased risks of cancer, resulting from harms occurring at every stage of plastic production, consumption and disposal.

The Glendale Environmental Coalition has proposed a polystyrene (Styrofoam) ban for the City of Glendale. There are already 120 local ordinances, including Pasadena and South Pasadena, restricting expanded polystyrene. Polystyrene is classified as a known hazardous substance. When stimulated by liquid and heat, a polystyrene container's toxins seep into its contents. The polystyrene industry is the fifth largest creator of toxic wastes in the U.S. Because it is so light and it crumbles easily, it readily ends up in the environment. It leaches from landfills into our drinking water. Polystyrene is not accepted at the Glendale recycling facility because it breaks into bits and falls off the line. It disintegrates into microscopic styrenes and other harmful chemicals that linger in soil and water.

There are ways we can all recycle better and smarter. However, the best way we can protect our environment is to focus on production, where the plastic problem begins. A new Greenpeace USA report, "Packaging Away the Planet," ranks 20 of the U.S. grocery retailers on their efforts to eliminate single-use plastics. The assessment found that no U.S. grocery retailers are adequately reducing their use of plastic packaging. Supermarkets should immediately create and implement plans to shift away from single-use plastics toward refill and reuse systems. They can use their buying power to pressure consumer goods companies like Nestlé to act as well. Trader Joe's finished fourth in the ranking, with Aldi, Kroger and Albertsons in first, second and third positions. But no supermarket scored above 35 out of 100. (Compass, Greenpeace report, Fall 2019).

Check packaging where you shop. Support laws that ban all single-use plastics. Demand a bottle bill that requires refundable deposits on all single-use beverage containers—plastic, glass or metal. A new city ordinance in Berkeley, California, will impose a 25-cent charge on all disposable cups sold in the city, including coffee cups. Ask that take-out food come in compostable containers and that dine-in food be served on reusable dinnerware. Oh yes, and spit out your credit card.

Concerned about...

Protecting our national parks?
 Preserving open spaces for future generations?
 Conserving land for present and future wildlife?
 Protecting hiking and biking areas from development?
 Global warming?

Get involved on a grass roots level. Join the Verdugo Hills Group of the Sierra Club. Already a member? Then become more active

Join our round table groupParticipate in our activities

Contact Verdugo Hills Group Chair Delphine Trowbridge <u>VerdugoHillsGroup@gmail.com</u>



Tour the Weisman Foundation Monday, May 18

The Frederick R. Weisman Art Foundation is dedicated to continuing the legacy and vision of Frederick R. Weisman, an extraordinary entrepreneur, philanthropist, and art collector. In 1982, Frederick R. Weisman purchased the Los Angeles Mediterranean style estate to serve as a showcase for his personal collection of 20th century art. We will have a 2 hour tour of the estate and collection followed by lunch at a nearby deli.



The tours are walking/standing with many stairs and no elevators. Parking is limited and carpooling is mandatory. We will meet 9:30 am at a rideshare point. Space is limited to a maximum of 15 people so reserve your spot early.

Send your email to Leader: David F Eisenberg (VerdugoHillsGroup@gmail.com). Co-Leader Evelyn Alexander.





January 6 Monday Monthly Meeting

Verdugo Hills

There's been a change in our program, Carol Henning has been overwhelmed by her duties at the Angeles Chapter, [ExCom rep, Co-Chair Conservation and Political Committee] so she asked if we can put her program about Newfoundland off tentatively to May 4. Bruce Hale has come to the rescue and will be presenting a program about his trip in March 2019, "Around South American by Cape Horn". The program will present 8 port stops, beginning in Buenos Aires, ending in Santiago and including Coastal Patagonia, Port Stanley in the Falklands, Ushuaia and the Chilean Fjords. Meeting begins at 7:30 in the auditorium of La Crescenta Library [2809 Foothill Blvd, La Crescenta, CA. There's plenty of parking, enter in the back or through the library. Handicapped accessible from the back.

February 3 Monday Verdugo Hills Monthly Meeting

This Month Michael Beck will present a twofer. The first part will capture some of the passion and hope of the climate strike movement. The second (a microcosm of what we're trying to save) will tour a few of the breathtaking landscapes of southwest Oregon – all quite different, yet equally glorious. Meeting begins at 7:30 in the auditorium of La Crescenta Library [2809 Foothill Blvd, La Crescenta, CA. There's plenty of parking, enter in the back or through the library. Handicapped accessible from the back.

February 10 Monday Verdugo Hills O: Waterways of the Sepulveda Basin

Enjoy an easy paced walk around some of the nearby lakes and streams in the Sepulveda Basin Recreation area. See Lake Balboa, the Wildlife Reserve, Haskell Creek and the Los Angeles River in its natural state. Heavy rain cancels. Wear comfortable shoes. Bring \$ for optional lunch Meet at 9:15 am at the Verdugo Hills rideshare point or 10 am at the boat house at Lake Balboa, 6300 Balboa Blvd. Ldrs: Evelyn Alexander, Delphine Trowbridge, Carol Henning

February 8 Friday O: Glendale Evening Urban Walk

Tonight's walk is at Adams Hill. This walk involves 500' gain. Meet 6:30 pm at Adams Square Mini Park (Corner of S Adams and E Palmer in Glendale). Bring water, optional flashlight, layers. Rain cancels. Leaders David F Eisenberg, Bruce Hale

March 1 Sunday

Masters Tour at the Autry

The Autry Museum of the American West holds its annual Masters of the American West exhibit. We have a custom tour of this wonderful show. Registration required and you will be sent the exact meeting time then. Optional lunch after. Email David. Leaders: David F Eisenberg, Evelyn Alexander

March 2 Monday

Monthly Meeting Cancelled

Voting will be held in our meeting room and they need the time to set up.

March 15 Saturday

O: Hart Mansion Museum, Hart Park, Heritage Square and Saugus Train Station

Tour the historic home of silent movie cowboy star William S Hart. See his valuable collection of western and Native American art as well as 1920s movie props. Visit next door Heritage Junction , the Saugus Train Station and Hart Park. We might even take a look at the nearby Walk of Western Stars. Meet 12:30 at the Hart Park parking lot. 24151 Newhall Ave., Newhall, CA 91321 Wear comfortable shoes, heavy rain cancels.

March 20 Friday

O: Glendale Evening Urban Walk

Tonight's walk is in the Eagle Rock area. We will meet 6:30 pm at the corner of Colorado Blvd and Mt Royal Drive. Bring water, optional flashlight, layers. Rain cancels. Leaders: David F Eisenberg, Bruce Hale

CST #2087766–40: Registration as a seller of travel does not constitute approval by the State of California.

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 on an outing, please go to: <u>sierraclub.org/outings/chapter/forms/</u> or contact the Outings Department at for a printed version.



April 6 Monday Monthly Meeting

"A Taste of Cuba," Presented by Gene Paulin. Join Gene Paulin on a virtual tour of Havana, Trinidad, Cienfuegos, and Santa Clara, Cuba. Last November Gene and his wife Terry took a 10-day trip through Cuba sponsored by the LA Times Expeditions people-to-people tours. Among the highlights of his travelogue, you'll see the Ernest Hemingway Home, Havana University, the restoration of historic buildings, a neon-lights artist, and the inside of healthcare agencies and newspapers. You'll also see multiple images of Che Guevara and a few of Fidel Castro. Along the way, you'll savor (virtually), the wonderfully delicious foods of the Cubans. You might even see Gene demonstrate how to trim a cigar and smoke it! Everyone is welcome at 7:00 for social time and refreshments. The meeting begins at 7:30 in the auditorium of La Crescenta Library [2809 Foothill Blvd, La Crescenta, CA] There's plenty of parking, enter in the back or through the library. Handicapped accessible from the back.

April 10–11 Friday-Saturday O: Carrizo Plain

Carrizo Plain is California's newest National Monument. See what the central valleys of CA would have been like before the extensive farming during the peak of wildflower season. Exact locations visited in the monument will depend on the wildflowers. Dry camp in the monument. There is a motel 30 mi outside the monument. Contact David for motel information. Send email to Leader: David F Eisenberg, Co-leader: Bruce Hale

April 17 Friday

O: Glendale Evening Urban Walk

Tonight's walk is in Glenoaks Canyon. We will discuss Scholl Canyon Landfill and solid waste issues. We will meet 6:30 pm at the corner of E Glenoaks Blvd and Mt Carmel Drive. Bring water, optional flashlight, layers. Rain cancels.

He believed that even with the worst possible forecast for the future, it is more fun to take part in the battle for what you believe in than just to stand on the sidelines wringing your hands.

Margaret Murie

May 4 Monday Monthly Meeting

Carol Henning will present a program of pictures and stories about a recent trip to Newfoundland. Learn about the history, sites and people of Canadas most easterly province. . Meeting begins at 7:30 in the auditorium of La Crescenta Library [2809 Foothill Blvd, La Crescenta, CA] There's plenty of parking, enter in the back or through the library. Handicapped accessible from the back.

May 8 Friday

O: Glendale Evening Urban Walk

Tonight's walk is in Whiting Woods. We will explore the network of steep dead-end streets. We will meet 6:30 pm at the corner of Whiting Woods Rd and El Lado Dr. Bring water, optional flashlight, layers. Rain cancels. Leaders: David F Eisenberg, Bruce Hale

May 18 Monday

Tour the Weisman Foundation

The Frederick R. Weisman Art Foundation is dedicated to continuing the legacy and vision of Frederick R. Weisman, an extraordinary entrepreneur, philanthropist, and art collector. In 1982, Frederick R. Weisman purchased the Los Angeles Mediterranean style estate to serve as a showcase for his personal collection of 20th century art. We will have a 2 hour tour of the estate and collection followed by lunch at a nearby deli. The tours are walking/standing with many stairs and no elevators. Parking is limited and carpooling is mandatory. We will meet 9:30 am at a rideshare point. Space is limited to a maximum of 15 people so reserve your spot early. There is no charge for the tour. Send your email to Leader: David F Eisenberg. Co-Leader Evelyn Alexander.

June 6–7 Saturday–Sunday

O: Harwood Lodge—Save the Date

We have reserved Harwood Lodge for the weekend. Event details are still being planned.

June 12 Friday

O: Glendale Evening Urban Walk

Tonight's walk is a Park-to-Park tour. Starting from Crescenta Valley Community Park (Access from Honolulu andS Devonshire) we will do a roundtrip walk to the Stone Barn in Deukmejian Park. Bring water. Ldrs: David F Eisenberg, Bruce Hale

DIRECTORY

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Beck, Michael 1320 Cambridge Dr Glendale CA 91205–3502

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Radalj, John 436 E Palm Ave #306 Burbank, CA 91501

Reyes, Susana 2700 E Chevy Chase Dr Glendale CA 91206–1818 f

Sandford, Michael & Dotty 2111 McCrea Rd Thousand Oaks CA 91362–1117

[M][D] Trowbridge, Delphine 4411 Los Feliz Blvd #1002 Los Angles, CA 90027 Yegparian, Garen 310 E Providencia Ave #212 Burbank CA 91502–2759

Zielinska, Ewa 4411 Los Feliz Blvd #1006 Los Angeles CA 90027–2143

Volunteers Needed Verdugo Hills Group is looking for hike leaders, event planners/leaders, committee members, etc. If you would like to help in directing our wonderful group, please talk to our membership chair, JUDY ANDERSON

All links are live. You can email leaders or visit websites by clicking on a link. Email and Phone info is not available in the web version to protect privacy.

To contact leaders or for more information on our Group, email <u>VerdugoHillsGroup@gmail.com</u>.

Verdugo Views

Meetings

Verdugo Hills meets first Monday of each month except July and January. Meetings are located at the La Crescenta Library (2809 Foothilll Blvd—Enter in the back). Social Hour: 7 pm, Meeting: 7:30

Web Page

angeles.sierraclub.org/verdugo

Support Committee

(Directory of Support Committee as	nd Leaders is on inside back page.)
Delphine Trowbridge	Chair/Mailing/
	Alternate Chapter Delegate/
	Hospitality
David F EisenbergVi	ice Chair/Newsletter Editor
	Webmaster
Carol Henning	Co-Conservation/
	Chapter Delegate/Political
Charlotte Feitshans	Secretary
Michael Beck	Climate Change
Annette Kargodorian	Treasurer
Judy Anderson	Membership/Treas Asst/
	Co-Conservation/Publicity
Gene & Terry Paulin	Political Advisor
Bruce Hale	Outings
Garen Yegparian	Political Compliance
Evelyn Alexander	Programs
Dotty & Mike Sandford	Fundraising
Lucile Davis	Social Secretary
Patricia Morrison	Social Media
Conservation Round	1 Table

Conservation Round Table

Carol Henning, Michael Beck, Gene Paulin, Evelyn Alexander, Delphine Trowbridge, Judy Anderson, Charlotte Feitshans

Charlotte Feitshans
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
$\stackrel{\scriptstyle \scriptstyle \scriptstyle \times}{\scriptstyle \scriptstyle \times}$ Submission Instructions
Deadlines are the 15th of even numbered months (Feb, Apr, June, Aug, Oct, Dec).
Send stories by email (preferably) to:
Send pictures by email at full resolution. Email if you wish to make arrangements to scan a picture
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# Membership

#### Don't Get Left Out in the Cold... Join Us !

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Sierra Club Outings are a terrific way to meet new people and enjoy the great outdoors. Whatever your interests - hiking, canoeing or birdwatching - there is an outing for everyone. If you are new to the area, let your local Chapter or Group give you the lay of the land. Join today and become part of America's largest environmental organization offering the most enjoyable outings.

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Check enclosed. Plea Please charge my: Cardholder Name Card Number Signature Membership Categories Special Offer Standard Supporting Contributing Life	se make payable Visa A Mast Individual \$ 15 \$ 39 \$ 75 \$ 150 \$ 150 \$ 100	e to Sierra Clu ercard Exp. Date Joint \$ 49 \$ 100 \$ 175 \$ 1250	AMEX	; they support our effective, citizen bass cacy and lobbying efforts. Your dues le 57.05 (or a subscription to SIERRA e and \$ 1.00 for your Chapter newsletter see a check and mail to: Sierra Club, c421041, Palm Coast, FL 32142-1041



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