



Volume 21, Issue 6 Published Bimonthly by the Sierra Sage of South Orange County Group of the Sierra Club
November 1 through December 31, 2013

You are invited to join us at our monthly meeting:

We will discuss environmental issues and conservation issues current to Orange County Residents as well as discuss the various hikes and other activities being presented in Orange County in the near future. We will discuss our efforts in monitoring the actions of SCE in decommissioning the San Onofre Nuclear Generating Plant. In addition, we will present a program on the nearby Cleveland National Forest.

PROGRAM: Debra Clarke, Wilderness/Trails Manager, Trabuco District, Cleveland National Forest will share with us information about the local wilderness area(s) and plans for the future. *Special Note: Debra was originally scheduled for our September meeting, but an illness prevented her from attending. She has graciously agreed to re-schedule her appearance to November 26th.*

WHERE: Norman Murray Community and Senior Center
24932 Veterans Way, Mission Viejo, CA

WHEN: 7:00 PM, Tuesday, Nov 26, 2013

ROOM: Juniper Room
Refreshments Provided.

DIRECTIONS:

Northbound on I-5, exit at La Paz, turn right onto La Paz, cross Marguerite Parkway and proceed over Oso Creek. Turn left onto Veterans Way and drive to the Murray Center Parking lot.

Southbound on I-5, exit at La Paz, turn left onto La Paz, cross Marguerite Parkway and Oso Creek. Turn left onto Veterans Way and drive to the Murray Center Parking Lot



Sierra Club seeks a “better outcome” at San Onofre

by Glenn Pascall, chair, San Onofre Task Force

Environmental activists had only a short time to celebrate the June 7 closure of the San Onofre nuclear power plant before realizing the huge challenge posed by radioactive waste at the site. Gene Stone, a leader of the coalition to close the plant, has said, “We are safer now that San Onofre is shut – but we are not safe.”

During the hard-fought shutdown debate, the Sierra Club and other groups pointed to defective technology and urged the U.S. Nuclear Regulatory Commission not to grant a fast-track restart sought by Edison, the plant operator.

Our position was vindicated immediately after shutdown when Edison sued Mitsubishi, the equipment-maker, calling its product a “lemon” with chronic and irreparable defects. We couldn’t have said it better – but we wondered why Edison tried so hard to restart San Onofre given the problem.

We’re on the same page with Edison on one big issue: We hope they win their suit and collect the full \$775 million wasted on the flawed system. Every dollar Mitsubishi pays is a dollar off the table as the California Public Utilities Commission allocates cost shares between Edison and ratepayers for the San Onofre debacle.

On October 19, the Sierra Club joined other groups in sponsoring a Community Symposium on Decommissioning San Onofre. Three nationally regarded experts addressed the challenges and concerns. Highlights from their presentations:

Donald Mosier, Professor of Immunology & Microbial Science at the Scripps Research Institute, asked if any dose of radiation is safe and answered, “No - Any level can be dangerous. We now know why very low doses can cause cancer. Many sites in the body are hypersensitive DNA regions highly vulnerable to cancer factors. These are areas of rapid change, which provide openings for cancerous mutation.”

Dr. Mosier noted that “exposure to 10,000 millisieverts is deadly. 1,000 brings sickness and is cancerous. The rate during the Fukushima crisis was 400 per hour. A CAT scan is 20 to 60. A mammogram is .4. A dental x-ray is .005 – and requires you to wear a lead apron.”

He cited a 15-country study that found the risk was double the norm for nuclear industry workers, and added, “There is no reliable survey data on the health of San Onofre workers because the amount of radiation releases is not monitored at any point near the site.”

Dr. Mosier concluded, “The effects of exposure to cancer factors are cumulative. This is why repeated exposure matters. Why add one more insult to the mix?”

Dr. Marvin Resnikoff, Senior Associate at Radioactive Waste Management Associates, told the Symposium that at San Onofre spent fuel will need 15 to 20 years to cool in pools before it can be put in dry casks. Edison has said spent fuel will be removed from the pool by 2034.

After that, Resnikoff said, “San Onofre will consist entirely of fuel casks or silos in a Stonehenge configuration. What remains? A fuel mausoleum and the conversion of a valuable site into a wasteland.”

An urgent issue is the use of high burn fuel, brought to the fore by the diligent research of San Clemente activist Donna Gilmore. This fuel permits longer continuous operation before

refueling but is twice as radioactive and twice as hot after use.

“We should be very concerned about the challenge of storing high burn fuel,” Resnikoff said. “There is a long cool-down period for fuel used at 67 megawatt-days per metric ton. How did San Onofre get permission to operate at this level? The question has not been analyzed and San Onofre has put little or no high burn fuel in storage. Indeed, no form of storage has yet been approved for fuel this hot.”

Resnikoff concluded with a charge to Symposium attendees: “The NRC doesn’t have all the answers. Sometimes citizens have to force the issue by getting involved in the proceedings of regulatory agencies. Educate yourselves on the minutiae of safety. Continue to question authority. Work to empower independent voices that have demonstrable expertise. Challenge the NRC and Edison to be sure they are employing the best possible technology in every regard.”

Dr. Arjun Makhijani, President of the Institute for Energy and Environmental Research, noted ironically that “the domes are the most visible part of a nuclear plant. They exist to protect against meltdown of the reactor core. Once the reactor is shut, the domes are just decoration.”

Makhijani said San Onofre has 3200 – 3400 spent fuel assemblies containing 120 million curies of radioactive waste. “A curie is a lot of radioactivity. Each curie represents 37 billion radioactive disintegrations per second,” Makhijani warned, “After a nuclear plant ceases operation a large part of the risk remains, especially the spent fuel pools. A fuel pool fire would create almost 100 times as much radiation as a dry cask fire.”

Like Resnikoff, Makhijani addressed the high burn fuel issue. “San Onofre has been authorized to use fuel rods that run hotter and contain more radiation but they seem to have exceeded to NRC high burn limit of 62.5 gigawatts. What we know about spent fuel in dry storage is based entirely on experience with low-burn fuel. Why high-burn was authorized at San Onofre without knowing how it might affect storage is a huge concern.”

The greatest risk during decommissioning, Makhijani said, is in maintaining pool storage and in dealing with dry casks that are certified only for 20 years. “We don’t want to be transferring spent fuel from one cask to another if an assembly has been damaged. And in actual experience, there has never been a transfer from one dry cask to another under any circumstance.”

The endgame in Makhijani’s view: “We need to work on a repository. All other solutions are much less adequate. A worst-case event on the surface, especially in a sensitive area like San Onofre, is an order of magnitude more severe than worst-case in deep geologic storage. Our goal should be to store waste in a way where the worst-case is not catastrophic.”

Makhijani asked why the U.S. government and international agencies aren’t thinking more about precluding unacceptable consequences. One reason he cited is a kind of “risk analysis” that cancels out the seriousness of outcomes by rating the worst cases as extremely improbable. “Yet at Chernobyl and Fukushima they have happened,” he concluded.

Bottom line for the Sierra Club: In the shutdown phase, the minimal response - fast track restart - was not adequate and did not prevail. In the decommissioning phase, the minimal response - San Onofre as a long-term mausoleum for nuclear fuel waste - is not adequate and should not prevail.

Our goal is a “better outcome” that creates a new national standard.

Outings



Saturday, Nov 02, 2013 to Sunday, Nov 03, 2013

0417-Sierra Sage of SOC Group Outing

O/I: San Jacinto Backpack

12 miles, 2,400'. Join us on this fall backpack to Round Valley, and if weather conditions permit we will day hike up to San Jacinto Peak (10,804'). This trip is anticipated to be O-Rated however if early snow it will be an I-Rated outing on snowshoes. On Saturday meet at 6:00 am at the North Orange County Rideshare, located at the Park-N-Ride, east side of Tustin Avenue just south of Lincoln Avenue in the City of Orange, across the street from Vons, where we will carpool to the Palms Springs Aerial Tramway (PSAT), or meet at the PSAT overnight parking lot at 8:00 am. Plan on going up on the 9:00 am tram, hike to Round Valley and set up camp, then hike to the summit and return. We will have a Saturday night happy hour. Sunday morning break camp and return. This is a strenuous outing at altitude, so interested participants should submit a hiking resume for consideration (showing recent hiking at altitude). Accepted participants must send a \$5 non-refundable deposit for camping. Group size limited by permit (leaders to provide). PSAT cost is \$22 per person, round trip. Contact leaders for more information.

Todd Clark 714-803-0195 clarkta@hotmail.com

Sylvie Cote 949-547-2998 msylvie@hotmail.com

Wednesday, November 06, 2013 9:00 AM

0407-Orange County Group Outing

O: Canyon to Coast via Moro Ridge

6.2 mi, 1050' gain, 1170' loss. It's been awhile since we've done this one, and it's nice. From the Willow trailhead, we'll go up Laurel Cyn and the Laurel Spur to Bommer Ridge, then down Moro Ridge to PCH, where we'll catch the bus into Laguna Beach; (A shorter 3.5 mi loop is possible, up Laurel and down Willow with a sign-out). Optional lunch at Zinc before bus return to our starting point. Meet 9:00 am Laguna Coast Wilderness Willow entrance (NOT Nix). From I-5 take El Toro Rd W to the "T" at Laguna Cyn Rd, turn L then shortly R into large parking lot. Bring water, lugsoles, \$3 for parking, bus fare x 2 (75cents seniors, others \$2), and optional lunch money. Rain cancels. *Helen Maurer 949-768-0417 7gables@cox.net*
Ed Maurer 949-768-0417 balois@cox.net

Saturday, November 09, 2013 9:00 AM

0417-Sierra Sage of SOC Group Outing

O: Tijeras Creek and Chiquita Ridge

5 miles loop, 300' gain. Hike on Tijeras Creek Trail (road) with a short rise to Chiquita Ridge (road) which loops down to re-join the creek trail. From here we hike downstream along the creek on smooth single-track trail through meadows and beneath Oaks and Sycamores to the Canada Vista Park. Return on the creek trail direct to our starting point. There will be good views and seasonal flowers. Meet 9 am at corner of Bienvenidos Street and Antonio Parkway, just North of the 241 Tollway, in Rancho Santa Margarita. Bring water, lugsoles, hat, snack.

Chester Stipe 949-697-1985 chetbar@cox.net

Garry McCoppin 949-858-7292 mccoppin@cox.net

Wednesday, November 13, 2013 9:00 AM

0407-Orange County /Sierra Sage/Rio Hondo

Groups O: Chino Hills Rimcrest Loop

6.9 mi, 800' gain. This excursion will take us from Rimcrest Dr in Yorba Linda to the South Ridge Trail, then Bovinian Delight Trail cutoff back to Four Corners, then down Telegraph Cyn Trail and the Easy Street Trail back to start. Meet 9:00 am at the end of Rimcrest Dr; park on side of street not posted. Bring water, snack, lugsoles. Rain cancels. Directions: E on 91 Fwy to Imperial Hwy exit, turn N on Imperial to first street, La Palma, turn R, then L onto Fairmont Bl, go several miles past Yorba Linda Bl to Rimcrest on L.

John Kaiser 714-968-4677 [jkai39@gmail.com](mailto:jakai39@gmail.com)

Margee K Hills 714-256-0807 margeehills@gmail.com

Saturday, November 16, 2013 8:00 AM 0

417-Sierra Sage of SOC Group Outing

O: Trail Maint. in the San Mateo Cyn Wilderness

O:The Santa Ana Mtn Task Force (Orange Cnty Group, Sierra Sage Group, San Gorgonio Chapter) maintains trails in the San Mateo Canyon Wilderness on a monthly basis. No experience is needed and tools are provided. Bring work gloves, sturdy boots, water, lunch. Trail locations are chosen monthly based on need. Contact leader to receive monthly email notices with specific details of each outing. Rain or critical fire danger will cancel the outing. Meet 8 am at the South OC ride share location. Ldr: John Kaiser, Assistants: Michael Metcalf, Denny Bean
John Kaiser 714-968-4677 [jkai39@gmail.com](mailto:jakai39@gmail.com)

Sunday, November 17, 2013 8:30 AM
0417-Sierra Sage of SOC Group Outing
O: Aliso/Wood Canyon Hike

Join us for a 6 miles round trip moderately paced hike along trails in Wood Canyon to Dripping Cave and return via alternate trail. Enjoy shady trails and nearby stream views. Meet at 8:30 am at Canyon View Park (Take Pacific Park to Canyon Vistas, turn west on Canyon Vistas and park on street near Canyon View Park). Bring water, hiking shoes/boots, munchies, hat. *Mike Sappingfield 949-768-3610 mikesapp@cox.net*
Chester Stipe 949-697-1985 chetbar@cox.net

Wednesday, November 20, 2013 7:30 AM
0407-Orange County Group /Sierra Sage Outing
O: Icehouse Canyon

Join us for 8 mi rt, 2600' gain in the San Gabriel Mtns along an inviting creek, past private cabins, through forests of oak, spruce, incense cedar, big-leaf maple, pine and fir to the saddle, relaxing at Columbine Spring. Meet 7:30 am at the Tustin Rideshare (one block south of I-5 on Redhill in the portion of the parking lot at the Stater Bros strip mall that extends behind the Union gas station). If meeting us at the trailhead, please contact leaders. Bring 2 liters water, lunch/snacks, lug soles, poles, 10 essentials. Rain or snow cancels. Ldrs: Sharon Kirk and John Kaiser
Sharon Kirk 714-376-3197 sl.kirk@sbcglobal.net
John Kaiser 714-968-4677 jkai39@gmail.com

Saturday, November 23, 2013 9:00 AM
0417-Sierra Sage of SOC Group Outing
O: Morgan Trail hike

Relaxed paced 5 mile 1000' gain hike to S. Main Divide for an early lunch in scenic grove of oaks and sycamores in upper Morrel Cyn. Car shuttle from S. OC. ride share point to candy store. Bring 2qts. water, lunch, lug shoes, hat, FSP. Rain cancels
Russ Brown 949-481-5295 russbrown3@cox.net
Sylvia Stevenson 949-487-2660 sjstevenson2828@yahoo.com

Wednesday, November 27, 2013 9:00 AM
0407-Orange County Group Outing
O: Blackstar Canyon

10 mi, 1000' gain/loss. Work off the turkey in advance as we warm up on the flat, then follow the fire road's steady climb to Hidden Valley. Time to visit the morteros (site of an Indian massacre by whites), and hang out under oaks for lunch. Meet 9:00 am on Blackstar Cyn Rd (from Santiago Cyn Rd go E on Silverado, immediate L onto Blackstar, follow it to the gate & park. Bring 2 qrs water, lunch, lufsoles. Rain cancels. Ldrs: Helen & Ed Maurer
Helen Maurer 949-768-0417 7gables@cox.net
Ed Maurer 949-768-0417 balois@cox.net

Saturday, November 30, 2013 8:00 AM
0417-Sierra Sage of SOC Group Outing
O: Hot Springs to Lucas Canyon

Join us on our annual hike into Lucas Canyon; 9 miles round trip, 1800' gain, moderate pace. We will climb steeply 1000' from the Hot Springs area in Casper Park on the Sitton Peak Trail before starting a descent into Lucas Canyon where we will have lunch in the lower canyon. Return hike will reverse the route. For those interested, we will make a short side trip to the hot springs on the return around mid afternoon. Meet 8:00 am SOC rideshare pt. Bring 2 qts water, lunch, hiking boots. Rain or critical fire danger will cancel. *John Kaiser 714-968-4677 jkai39@gmail.com*
Michael Metcalf 949-492-6277 msmetcalf04@yahoo.com

Wednesday, December 04, 2013 9:00 AM
0407-Orange County Group/Sierra Sage Outing
Orange County/Sierra Sage O: Moulton Hil
 2 mi rt, 200' gain. It is an easy climb to the summit using local streets and trails. View some of Wood Canyon's trails and a grand panorama. Meet 9:00 am at the bottom of Canyon Vistas Dr in front of Canyon View Park. From Moulton Pkwy in Aliso Viejo, W and uphill on Pacific Park Dr, turn on Canyon Vistas Dr. Bring water, lugsoles, hat. Rain cancels.
Chester Stipe 949-697-1985 chetbar@cox.net
Gail Roy 949-854-3820 gfroy@uci.edu

Wednesday, December 11, 2013 9:00 AM
0407-Orange County Group Outing
O: Buck Gully

5 mi, 100' gain. Explore this sylvan wilderness along a stream with elegant bridges in Corona del Mar. Meet 9:00 am at the corner of Poppy and 5th Av, E of PCH on Poppy in Corona del Mar. Park on street; read signs regarding street parking. Bring water, walking shoes, snack. Rain cancels.
Pita Landesman 949-425-8966 pitanbob@cox.net
Sidney Alpert 949-458-8768 sralpert@comline.com

Saturday, December 14, 2013 8:30 AM
0417-Sierra Sage of SOC Group Outing
O: Aliso Summit Trail

5 miles round trip, 200' gain. Easy trail along rim of Aliso Canyon with good views of canyon and mountains. Meet 8:30 am at corner of Highlands and upper Ridgeview, in Laguna Niguel. Bring water, hat, lugsoles. Rain cancels.
Chester Stipe 949-697-1985 chetbar@cox.net
Garry McCoppin 949-858-7292 mccoppin@cox.net



Sunday, December 15, 2013 9:00 AM
0417-Sierra Sage of SOC Group Outing
O: Riley Wilderness Park Loop

Moderately paced 3 mi rt, 200' gain. Hike with us through the valleys and ridges of this wilderness park in the foothills of the Santa Ana Mtns. Children 5 yrs and up with parent(s) are welcome. Meet 9 am at parking lot in the Park at East end of Oso Parkway. Bring water, munchies, sturdy shoes. \$3 pkg fee. Rain/recent rain cancels.
Mike Sappingfield 949-768-3610 mikesapp@cox.net
Delores Denton 949-581-8396 deaden-ton@hotmail.com

Wednesday, December 18, 2013 9:00 AM
0407-Orange County Group Outing
O: Bell Ridge

up to 8 mi rt, 2000' gain/loss. Strenuous hike (1000' in first mile) up the ridge south of Trabuco Cyn. If you like taking the Joplin to Old Camp, you'll love this! Fantastic views. We'll turn around when we've had enough and perhaps take a variant route for part of the way back. Meet 9:00 am Albertson's shopping ctr on Plano Trabuco at Sta Margarita Pkwy in Rancho Santa Margarita. Bring 2 qts water, lunch, lugsoles.
Helen Maurer 949-768-0417 7gables@cox.net
Ed Maurer 949-768-0417 balois@cox.net

Saturday, December 21, 2013 8:00 AM
0417-Sierra Sage of SOC Group Outing
O: Trabuco Canyon Loop

10 miles round trip, 2700' gain. Join us as we hike a picturesque part of the Cleveland National Forest, from Trabuco Canyon Trail to the Main Divide to West Horse Thief Trail. This is a moderate hike at a moderate pace. Meet at 8:00 AM at the dirt parking area south of the bridge where Plano Trabuco/Live Oak Canyon road crosses Trabuco Creek in Trabuco Canyon. We will carpool in to the trailhead. FSP required at the trailhead. Rain cancels. Bring 2 quarts water, lunch, 10 essentials, Hiking boots, hat, jacket.
Sylvie Cote 949-547-2998 mlsylvie@hotmail.com
Todd Clark 714-803-0195 clarkta@hotmail.com

Saturday, December 21, 2013 5:30 PM
0417-Sierra Sage of SOC Group Outing
BALBOA ISLAND BOAT PARADE HIKE

Join us for an easy scenic 5 mile hike from Macy's Bell tower to and around Balboa Island. Enjoy spectacular boat displays and festive atmosphere of island homes. Wear comfortable shoes, water, warm clothing, and money. Optional dinner at Fashion Island afterwards. *Sylvia Stevenson 949-487-2660 sjstevenson2828@yahoo.com*
Russ Brown 949-481-5295 russbrown3@cox.net

Saturday, December 28, 2013 8:30 AM
0417-Sierra Sage of SOC Group Outing
O: James Dilley Preserve

4. 4 miles loop, 300' gain. Interesting trails lead to the summit and Barbara's Lake, in this preserved natural habitat. Meet 8:30 am at Dilley parking (\$3) on north-bound Laguna Canyon Road, just North of the Toll Road. Bring water, hat, lugsoles. Rain cancels.
Chester Stipe 949-697-1985 chetbar@cox.net
Garry McCoppin 949-858-7292 mccoppin@cox.net

Wednesday, January 08, 2014 9:00 AM
0407-Orange County Group Outing
O: Aliso Wood Grand Tour

11.5 mi, 900' gain. Start the New Year right with great views and 3 parks. We'll start at Canyon View and go up to Alta Laguna (Top of the World), then thru the houses and on to Moulton Meadows. From there we'll leave the ridgeline and drop into Wood Cyn for our return. Meet 9:00 am at Canyon View Park in Aliso Viejo (from El Toro Rd go S on Moulton Pkwy, R on Glenwood, uphill & over the toll rd where it becomes Pacific Park Dr, R on Canyon Vistas Dr to bottom of hill) with water, lunch, lugsoles. Rain cancels. Ldrs: Helen & Ed Maurer. (for a shorter hike, hikers can sign out at Top of the World and go back, or take another trail, say Mathis, back)
Helen Maurer 949-768-0417 7gables@cox.net
Ed Maurer 949-768-0417 balois@cox.net

Saturday, Jan 18, 2014 to Monday, Jan 20, 2014
0417-Sierra Sage of SOC Group Outing
I: MLK Jr. Day Holcomb Valley Snow Camping Trip (Big Bear Area)

12 miles, 2000' gain/loss over the three days. Celebrate MLK Jr. Day on snowshoes. On this adventure we will meet in the parking lot of the Big Bear Discovery Center and will take public transportation to the departure point. From there we will backpack on plowed roads or off trail 4 miles to Holcomb Valley and set up camp. Possible Saturday exploration around camp, happy hour. Sunday we will explore Holcomb Valley on Snowshoes. Monday (MLK Day) break camp and return to meet up with pre-arranged ride back to parking lot. Bring two \$5 bills for transportation. Must be comfortable hiking and camping in the snow, and at altitude (the entire trip will take place at or around 7,000' above sea level). Outing is to be considered strenuous based upon conditions, altitude, and distance. Interested participants should submit a hiking resume (showing recent hiking at altitude). Vehicles must display USFS Adventure Pass at the Discovery Center.
Todd Clark 714-803-0195 clarkta@hotmail.com
Sylvie Cote 949-547-2998 mlsylvie@hotmail.com
Frances Penn 714-434-2754 fpenn@rutan.com

ANGELES CHAPTER, OCSS, & SIERRA SAGE PRESENT

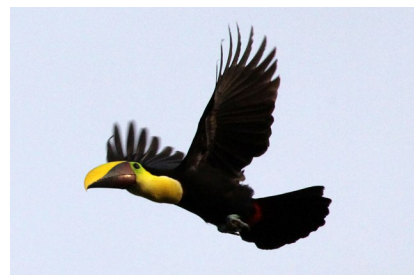
DESTINATION COSTA RICA

Feb 14-28, 2014

February 14-28, 2014 Angeles Chapter, Sierra Sage, OC Sierra Singles Fourteen day tour from the Pacific beaches to the wild Northern Caribbean with stops at Manuel Antonio, Monteverde/Santa Elena, Arenal, Tortuguero and San Jose. Why watch a National Geographic special when you can live it? On layover days, hike and explore why this country is known for its enlightened approach to conservation. Visit Volcanoes, rain forests, ecological reserves, wildlife refuges. See spectacular wildlife, hike trails and suspension bridges in the cloud forest. Sierra Club Member cost \$1650, Non member cost \$1750 (Sierra Club) includes mid range locally owned accommodations (dbl. occup.), private 21-passenger air-conditioned coach, some meals, happy hours, boat transportation to Tortuguero, driver gratuities and some tours. Group airfare extra. For itinerary, application, cancellation policy contact .

Donna Specht 714-963-6345 donnaspecht@juno.com

Michael Sappingfield 949-768-3610 mikesapp@cox.net



ANGELES CHAPTER & SIERRA SAGE PRESENT

BLACK HILLS ADVENTURE V

JUNE 7-14, 2014

Ever want to go "where the buffalo roam, and the deer and antelope play"? South Dakota's Black Hills is the place to go. Custer State Park is world renowned for its large buffalo herd and at this time of the year, we can expect to see a lot of buffalo calves. Bring your camera and binoculars as pronghorn antelope, prairie dogs, elk, deer, wild burros, mountain goats, and big-horn sheep inhabit the park and are often visible. A jeep safari to the buffalo herds followed by a Chuckwagon BBQ will round out the experience. Other highlights include Mt. Rushmore, Crazy Horse Memorial, Jewel Cave and/or Wind Cave, hiking around Devils Tower and an optional trip to the Badlands. Our package includes seven nights lodging in South Dakota; transportation from Rapid City to the Black Hills and return and all transportation in the Black Hills; admission fees to all group activities; and happy hours for \$1295 for SC members, \$1350 for non-members. Participants are responsible for transportation to and from Rapid City and for meals. A \$500 deposit will hold your reservation (remainder due by April 1). For complete information, itinerary and application send 2 SASE to ldr: Mike Sappingfield (26352 Via Juanita, Mission Viejo, CA 92691) or email mikesapp@cox.net.

For additional information and costs, contact: *Michael Sappingfield 949-768-3610 mikesapp@cox.net*

Patty Sappingfield 949-768-3610 solanese@cox.net



ANGELES CHAPTER, SIERRA SINGLES, & SIERRA SAGE PRESENT

NEW ENGLAND EXTRAVAGANZA

OCT 4-12, 2014

Join us for this 9 day, 8 night fly-drive excursion to the wonders of New England in the fall.

Highlights will be exploring the Freedom Trail in Boston, including visits to Paul Revere's house, Bunker Hill, and the USS Constitution, and visiting key historical sites such as Concord, Lexington, Walden Pond, and Plimoth Plantation. In following days, we will explore the fall colors of New Hampshire and Vermont. Highlights will be covered bridges, walks along wilderness streams, Ben and Jerry's Factory, Mt. Washington via the cog rail, and others. We will finish the trip with a visit to Maine with stops in Freeport to visit the 24 hr flagship LL Bean store, light-houses and Acadia National Park. Trip includes all transportation in New England, 8 nights lodging, all admissions to scheduled places, and most breakfasts. Trip does not include air fare to and from New England and lunches and dinners. Trip cost is \$1350 for Sierra Club Members (\$1450 for non-members) A \$500 deposit will hold your place on the trip with the remainder due by July 1, 2014. For information and to apply, contact Leader Mike Sappingfield at mikesapp@cox.net (949-768-3610), 26352 Via Juanita, Mission Viejo, CA 92691. Leaders: Mary Morales, Patty Sappingfield



Find more Angeles Chapter Travel Adventures at www.angeles2sierraclub.org

DIRECTORY OF SIERRA SAGE OFFICERS

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Santa Ana Mtns TF	John Kaiser*	714-968-4677	jkai39@gmail.com
San Onofre TF	Glenn Pascall		gpascall@att.net

* Denotes voting member of the Executive Committee

SIERRA SAGE MEETINGS.

- Global Warming Committee. Meets monthly in the community room at the REI Store in Tustin (I-5 and Jamboree on the 2nd Sunday of each month from 3 to 5 pm. Contact Laura Jackson at laurajackson@cox.net
- Preserve the Coastal areas of Orange County? Contact Penny Elia at greenpl1@cox.net
- Interested in electing environmentally supportive politicians into office locally? Contact **Sharon Koch** at slkoch@ix.netcom.com
- Want to keep the Santa Ana Mountains wild? Or even want to help maintain the trails in the San Mateo Wilderness Area? Contact John Kaiser at jkai39@gmail.com
- Still think the toll road through the Richard and Donna O'Neill Nature Conservancy, San Mateo Campground, and Trestle Beach is a bad idea? Contact Bill Holmes at bill.holmes@att.net



Subscription Information Sierra Sage Newsletter

1 Year: \$9.00

2 Years: \$15.00

Please mail your check to:

Sierra Sage

P. O. Box 6204

Laguna Niguel, CA 92607

Sierra Sage is scheduled for delivery on Jan 1, March, 1, May 1, July 1, Sept 1, and November 1 of each year. Please note that submission deadline is one month prior to publication.

Electronic copies are sent via email and are free. Just send an email to mikesapp@cox.net and tell us you want the emailed Newsletter

INTERNET ADDRESSES:

Angeles Chapter: www.angeles2.sierraclub.org

Sierra Sage: www.angeles.sierraclub.org/sage



*Sierra Sage of South Orange County
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“Last Issue” date on your
label and renew early.
Don’t forget to give us your
new address if you’re mov-
ing so you’ll get your Sage
at your new place on time!

Website:

<http://angeles2.sierraclub.org/sage/>

HIKE OF THE MONTH

**Saturday, December 21, 2013 5:30 PM
0417-Sierra Sage of SOC Group Outing
BALBOA ISLAND BOAT PARADE HIKE**

Join us for an easy scenic
5 mile hike from Macy's
Bell tower to and around
Balboa Island. Enjoy
spectacular boat displays
and festive atmosphere of
island homes. Wear com-
fortable shoes, water,
warm clothing, and mon-
ey. Optional dinner at Fashion Island afterwards.
Sylvia Stevenson 949-487-2660 sjstevenson2828@yahoo.com
Russ Brown 949-481-5295 russbrown3@cox.net



Join the Sierra Club

Yes, I want to join! I want to help safeguard our nation's
precious natural heritage. My check is enclosed.

Name _____

Address _____

City, State _____ Zip _____

F94Q -0417

Membership Categories (circle one)

	Individual	Joint
Introductory	\$15	
Standard	\$39	\$49
Supporting	\$75	\$100
Contributing	\$150	\$175
Life	\$1000	\$1250
Senior	\$25	\$35
Student	\$25	\$35
Limited Income	\$25	\$35

Send Check to Sierra Club, P. O. Box 421041, Palm
Coast, FL 32142-1041 Membership not tax deductible