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TOIYABE JULY - AUGUST - SEPTEMBER 2015 TRAILS

Summer
Outings
Issue

ENVIRONMENTAL NEWS OF NEVADA AND THE EASTERN SIERRA FROM THE TOIYABE CHAPTER OF THE SIERRA CLUB

From the Chair

Thoughts on the paper Trails

BY DAVID VON SEGGERN
(vonseg1@sbcglibobal.net)

What is the role of the paper *Toiyabe Trails* in our membership communications? A random sample of Toiyabe Chapter members last fall indicated that members generally still wish to receive *Toiyabe Trails* in their mailbox. We will be supplying that for the foreseeable future. But we wish to encourage our members who are more digitally oriented to request an “opt-out” on the paper *Trails*.

We are making it as easy as possible for readers to opt out of a paper copy of the *Toiyabe Trails*. In the digital age, one should have this option. Luckily, it’s an option we can easily provide. Those who opt out using the email address supplied below will receive an email notice of when the quarterly newsletter goes up on the Toiyabe Chapter website, along with a link to easily download it.

Keep in mind that **the online Trails goes up on the website a week or two before you receive your paper**

Please see FROM THE CHAIR, page 2.

**Need information
about Toiyabe Chapter?**

Try the . . .

Chapter website

<<http://toiyabe.sierraclub.org>>



Looking back at the pass from Parker Lake, above Mono Lake (Inyo NF, Ansel Adams Wilderness) — as seen on a Range of Light Group outing in mid-May, 2015. Photo: Joanne Hihn.

WATER GRAB UPDATE

Another Nevada Supreme Court victory

BY ROSE STRICKLAND

The Nevada Supreme Court issued two short orders on May 21, 2015, denying Southern Nevada Water Authority’s (SNWA) and the State Engineer’s petitions for Writs of *mandamus*. (That is, an order from a court to an inferior government official ordering the government official to properly fulfill their official duties or correct an abuse of discretion.)

Victory for sustainable groundwater in Great Basin. This ruling constitutes a major victory for opponents of SNWA’s Pipeline Project, led by White Pine County along with Great Basin Water Network and local Native American tribes. By the same token, this ruling is a defeat for SNWA and the State Engineer’s efforts to circumvent sound science.

The Supreme Court’s orders follow its February order dismissing SNWA’s and the SE’s original appeals. Now SNWA and the State Engineer are in the position of having to comply with Judge Estes’s order and the requirement to demonstrate that SNWA’s proposed groundwater mining and export operation will be sustainable and will not cause impermissible impacts on the environment and existing water rights holders, such as ranchers, farmers, and local business people.

SNWA can’t meet standards. “These are standards that SNWA and the State Engineer themselves have repeatedly conceded -- on the record -- they cannot meet because the science does not support such conclusions,” said GBWN’s attorney, Simeon Herskovits of Advocates for Community and Environment.

“The Nevada Supreme Court’s rejection of SNWA’s and the State Engineer’s appeals, combined with Judge Estes’s ruling in district court, represents a vic-

tory for the people and environment of the Great Basin in Nevada and Utah, including ranchers and farmers, who are threatened with elimination by SNWA’s ill-considered, massive water grab,” said GBWN president Abby Johnson.

“This is one more nail in the coffin for SNWA’s pipeline and one more indication that protecting Snake Valley groundwater is the right thing to do and will succeed in the end,” said Steve Erickson of GBWN in Salt Lake City. “We hope SNWA and the State Engineer will reconsider their prior efforts to ramrod this unsustainable and ultimately devastating groundwater mining project on ratepayers and taxpayers,” said Howard Watts III, communications specialist for GBWN.

Not the end of the case? This ruling does not necessarily represent the end of the case. SNWA and the State Engineer may well decide together to rush a remand proceeding and try again with more bogus science. But they should be held accountable for making repeated representations to both the Nevada District Court and Supreme Court that they cannot satisfy the standards Judge Estes held they must satisfy.

NOTE: The May and February Nevada Supreme Court rulings are posted on <www.greatbasinwaternet-work.org>.

Make a tree happy! Get your Trails online

Opt out of the paper *Toiyabe Trails* and walk the Sierra Club talk by saving our natural resources. Email us at “optout@toiyabe.sierraclub.org” (put that address in the “To” line). Then put “optout” in the “Subject” line — that’s all you have to do.

Youths better off because of “Conversation on Conservation”

BY CHRISTIAN GERLACH

On February 18th, in Las Vegas, the office of Senator Harry Reid, the office of Congresswoman Dina Titus, and the Deputy Director of the Department of the Interior, Mr. Michael Connor, held a public meeting dubbed “Conversation on Conservation.” The event was an opportunity for me to engage some students of Valley High School that I had worked with in the past on various service projects. I had been in talks with

Please see CONVERSATION ON CONSERVATION, page 3.

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FROM THE CHAIR . . .

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newsletter! Also, outings and events info is updated when necessary.

We have actually had an “opt out” choice for many years, but it was not well advertised. The Chair chose that option years ago and has downloaded the *Toiyabe Trails* ever since. Unfortunately, the total number of people choosing to opt out only stands at about 10. We suspect many others will do so when we advertise how to opt out more clearly and prominently (Please see the upper right corner of this page!).

How much do we save by having people opt out? Some, but not a lot. The newsletter needs to be composed and delivered to the printer regardless of the number of subscribers. This is a constant cost per newsletter. The printer still charges for setup regardless of the number of subscribers. We only save on the paper to print a certain number of copies (paper is about 30% of the total cost) and the postage. The big savings would come if we decided to eliminate the paper *Trails* entirely. However, any saving of paper itself will make some trees happy and help Club members “walk the talk.”

As part of our strategy for less paper communication, we encourage members to visit our website for more timely information on our efforts in conservation and our outings and events schedules. Go to: <http://toiyabe.sierraclub.org>. We also plan to start a Chapter Facebook page in the future.

New look for Chapter website. If you haven't visited the Chapter website in a while, you'll notice a new look. This look is shared with the national website and with Chapter websites across the nation, as Sierra Club presents a uniform “face” to its members and to the public.

We appreciate the work of our webmaster Dennis Ghiglieri, who has maintained the Chapter site for years and who has updated it to the new look. Please contact Dennis (775-329-6118) if you have a timely update or article for the website. We can communicate with our members via the website at any time between the quarterly *Trails* publications.



DEADLINE!

SEPTEMBER 1

FOR OCT-NOV-DEC ISSUE

Bookshelf

OUR ONCE & FUTURE PLANET

By Paddy Woodworth

U. Chicago Press, 2013.

I NOTICED AN ANNOUNCEMENT AT UNR OF A LECTURE by this author in April of this year and attended among a small audience. The extensive grasp of ecological restoration activity around the world by the author was immediately apparent. No short endeavor, the author spent 10 years in the development of this book, visiting every continent but Antarctica. His follow-up has occupied at least 2 years of traveling.

Though not a restoration ecologist by trade, Woodworth has become the voice of that community to the public. Woodworth sought out leading restoration ecologists to capture their work in a blended presentation on eight major projects around the world. He also penetrated the inner conflicts of the restoration community to present at least three prominent approaches to modern restoration activities:

1. Recovery of classical or historical ecosystems
 2. Accepting and factoring in the human interface
 3. Creating novel ecosystems which work but don't match prior systems
- Woodworth spends significant time with ardent supporters of all three strands.

Throughout the book, Woodworth asks the deep questions and poses the vexing

problems. He points out that restoration science is still in its infancy and that quantification is still illusory and that there needs to be a “...pragmatic recognition that ecological restoration projects are bound to be messy.”

Given the speed at which humankind is changing our world, Woodworth cautions that restoration may need to abandon historical targets entirely. In spite of the difficulties, the author concludes, along with many in the restoration community, that “The issue . . . is not whether we can afford to invest in restoration, but whether we can any longer afford not to invest in it.”

Our *Once and Future Planet* is a challenging read, but certainly rewarding to those who have only a minimal concept of ecological restoration.

— reviewed by David von Seggern

THE AUDUBON READER

Richard Rhodes (editor)

Everyman's Library, Alfred Knopf.

New York, 2006.

The highlight of a trip to the southern California beach town of Encinitas was spotting a great egret, described by the Roger Tory Peterson bird guide as “a tall, stately, slender heron with a large yellow bill.”

One word suffices: gorgeous.

The bird was standing still so I had an excellent view while it was looking out toward the Pacific. I crept to within 30 yards. The egret saw me and moved forward slightly. Then, slowly, it lifted off, flapping its great white wings and turning south along the beach. A beautiful sight burned in my memory.

Unfortunately, the great egret is not pictured in the *Audubon Reader*. John James Audubon painted 435 birds for his gigantic and grand “The Birds of America.” The Reader could not illustrate all. But the editor should have included at least 40.

Several illustrations here, however, are masterpieces. The best of his paintings is the ivory-billed woodpecker, now extinct. Audubon's description: “The great chieftain of the woodpecker tribe is seen in almost inaccessible recesses on dangerous ground, its oozing, spongy mosses surrounded by flags and water lilies.”

Pictured are three ivory bills, the male flashing a crimson crest. One of the birds is pointing its huge bill at a beetle exposed by stripping off the bark of a dead tree. Flying chips

of bark heighten the drama.

Audubon did not show stilted pictures. He showed birds in action.

The *Reader* has other faults: far too many letters by Audubon and his family and friends, letters too long and the body type too small.

Audubon was born in France but won fame in America as a bird illustrator and naturalist. His “Birds of America” has engraved, hand-colored plates produced in leather-bound volumes with accompanying bird “biographies.” His work was particularly glorious because he worked in the first half of the 19th century, a time when field glasses were primitive.

Audubon himself had one great fault: he shot far more birds than necessary for dissection and study and for filling museums in England and America. But for that he must be forgiven. His pictures of birds in a natural setting are priceless, not just to ornithologists, but to worldwide art lovers.

— by Jake Highton, Emeritus Professor of Journalism, University of Nevada, Reno (jake@unr.edu)

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By creating a charitable bequest to benefit Sierra Club or your favorite Sierra Club Chapter, you remain in control of your assets during your lifetime and help protect the environment in years to come.

For more info and confidential assistance, contact:

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Toiyabe Trails



SERVING NEVADA
& CALIFORNIA'S E. SIERRA

Toiyabe Trails is published four times each year by the Toiyabe Chapter of the Sierra Club, P.O. Box 8096, Reno, NV 89507, to help keep our members well-informed and better able to protect the environment—for our families, for our future.

Editor – Lynne Foster (Bishop, CA; 760-873-3829; lfoster@schat.net.)

Deadlines – Contributions are due by the 1st of the month for publication in the following month's issue: December 1 for January-February-March; March 1 for April-May-June; June 1 for July-August-September; September 1 for October-November-December.

Submissions – Call or e-mail editor before deadline for late submissions. Submit news, story ideas, photos, and letters-to-the-editor to the editor (contact info above). Please include your name, phone, e-mail address, and group with all contributions. Please send your contributions by e-mail. If you don't have a computer, please ask a friend to help you. For photo return, please include a stamped, self-addressed envelope. The *Toiyabe Trails* reserves the right to edit all contributions for reasons of space, clarity, slander, or libel.

Subscriptions – *Toiyabe Trails* is free to all Toiyabe Chapter members. Subscription cost for non-members is \$12 per year. To subscribe, send check for \$12, payable to “Toiyabe Chapter,” to *Toiyabe Trails* Subscriptions, Sierra Club, Toiyabe Chapter, c/o Treasurer. Contact Treasurer, Glenn Miller (775-846-4516) for address.

Change of address – Postmaster & Members, please send address changes to Sierra Club, Change of Address, P. O. Box 52968, Boulder, CO 80322-2968 or address.changes@sierraclub.org.

Membership information – There is a membership coupon in each issue of *Toiyabe Trails*. You can also call the Chapter Membership Chair (see Chapter Directory, this page) or the Sierra Club office in San Francisco (415-977-5663).

Other Sierra Club information. Call the Toiyabe Chapter Chair or Conservation Chair (see Chapter Directory, this page) or the Sierra Club Information Center in San Francisco (415-977-5653). Also, see group pages for website addresses of groups.



Save the Date!

Friday – Sunday • SEPTEMBER 25-27, 2015

Come and celebrate NATIONAL PUBLIC LANDS DAY 2015 and the beauty and diversity of the Inyo National Forest in Mono County, California! The Festival will feature well-known artists who will offer plein air painting and photography workshops in beautiful forest and desert settings.

For more info, a web page and workshop locations on the Inyo Forest, will be available soon, so please email if you're interested in learning more: Fran Hunt (fran.hunt@sierraclub.org or 703-424-3143). Also watch for details in the Range of Light newsletter and local papers.

“CONVERSATION ABOUT CONSERVATION”...

continued from page 1

their teacher Tillie for some time about some projects to engage her kids with, so when the word of this hearing came out, I thought it the perfect opportunity to involve these youths. I came up with the idea of presenting Tillie and her students with a civic engagement project, to show them the processes of government in action. It was also a perfect opportunity for the students of Valley High School to voice their love of their collective backyard that is the unique public lands of Southern Nevada.

The kids were eager to get on the bus to the courthouse and lined up almost immediately after the bell. A few of the students even went even as far as to dress up in their Sunday best for the field trip. Once on the bus I gave the kids some idea of what to expect and to rally their spirits I led them in their school cheer, “Valley! Vikings!” A few of the students expressed their eagerness to speak on behalf of the places where they hike and camp with family and friends.

Once we arrived at the meeting, I could see the student's interest peak with slides showing the impressive monolithic artwork “City” by artist Michael Hiezer, the ancient petroglyphs dating back thousands of years in the Gold Butte and Basin and Range areas, and the breathtaking landscapes of our majestic public lands. Not a one of them was on their phone. I was filled with a sense of pride for these amazing students, but what happened as soon as the floor opened up to the public for comment surprised me most. The voices that were so fervent moments before on the bus ride fell silent. None of the students could muster up the courage to speak.

At that moment, a young man who was very quiet the entire time saw the opportunity to represent himself, his school, his teacher, and the lands he goes exploring in with his family almost every month. Darren quickly grabbed a spare sheet of paper and asked me a few

questions to clarify and refine what he wanted to say. He then took a number that one of his classmates was holding, and marched up to the line to speak at the mic. As the line slowly went forward, I could see Darren reviewing his notes -- then it was his turn.

Darren confidently addressed Congresswoman Dina Titus as he thanked her for the opportunity to speak and explained that he was speaking for his classmates and teacher from Valley High School. Darren went on to explain how he was an immigrant from Cambodia and how his parents made the difficult choice to come to the United States to try to provide a better life for him and his older sister. Darren talked about how he and his family maintain their strong family ties by communing together with both nature and one another on Nevada's spectacular public lands. This, Darren explained, is what he admires most now about his new home country, “the beautiful landscapes that he wants to continue to enjoy” and how he hopes that everyone else will be able to continue to enjoy these lands indefinitely if we act to protect places like Basin & Range and Gold Butte. As Darren left the microphone the crowd and his fellow classmates cheered for him both for what he said and for showing the courage to speak.

A while after the event I made it a point to follow up with Darren's teacher, Tillie, who told me a little about Darren. She said that Darren actually suffers from rather severe autism. His fellow classmates often dismiss what he says, as his impairment has made it difficult for him to communicate effectively. Darren often says things that strike the other students as a bit off. However, Tillie also said that after the public hearing something had turned around for Darren that day. His fellow classmates started to show him a lot more interest and respect. Rather than dismiss him when

Summer Desert Trips

The CNRCC Desert Committee's purpose is to work for protection, preservation, and conservation of California/Nevada desert.

All Desert Committee activities, unless stated otherwise, are suitable for anyone who enjoys the outdoors. The average car or high clearance vehicle will be adequate for most trips. For a good guide to desert travel we recommend the Sierra Club book, *Adventuring in the California Desert*, by Lynne Foster.

For questions about, or to sign up for, a particular outing, please contact leader listed in write-up. For questions about Desert Committee outings in general, or to receive outings list by e-mail, please contact Kate Allen (kjallen96@gmail.com, 661-944-4056).



Sierra Club California/Nevada Regional Conservation Committee

JULY 3-5 (FRI-SUN)

FOURTH OF JULY ON THE PLAYA, BLACK ROCK DESERT

A really busy weekend on the Playa — many Burning Man attendees use this as shakedown for Burning Man. No specific plans but probably meet in Reno Thursday eve, head up to Black Rock, camp on edge of Playa. Will probably visit area hot springs and Emigrant Trail. Primitive camping; bring all supplies and shovel for personal needs. Possible Ham Radio License Class. July 3 is a legal holiday, so can't waste a long weekend. Leader very familiar with area! Sign up after 6/15. David Book, 775-843-6443.

Great Basin Group/CNRCC Desert Committee

JULY 10-13 (FRI-MON)

NEVADA WILDERNESS SERVICE

Savor summer in eastern Nevada's scenic Highland Ridge Wilderness, just S of Great Basin National Park. We camped there among aspens three years ago and again partner with BLM's Ely office wilderness staff on useful service in fine mountain wilderness. Join us! Details on specific work later. Central commissary offered. Contact Vicky Hoover, 415-977-5527, vicky.hoover@sierraclub.org.

CNRCC Wilderness Committee

JULY 24-26 (FRI-SUN)

BRISTLECONE PINE FOREST

Escape summer heat. Come to beautiful White Mountains to camp, hike, just relax. On Saturday, visit Ancient Bristlecone Pine Forest, home to oldest living things on Earth. Moderate 5-mi RT interpretive hike, followed by picnic lunch. At camp, enjoy happy hour, potluck feast, campfire. Sunday, head home. Trip open to Sierra Club members and non-members. Contact leader: Lygeia Gerard, 760-868-2179.

Mojave Group/CNRCC Desert Committee

AUG 14-16 (FRI-SAT)

PERSEID METEOR SHOWER CAM- POUT IN BLACK ROCK DESERT

New moon means great stars and meteor watching. Camp mid-Playa, about 102 mi N of Reno, but with portable toilets. Probably visit hot springs and Emigrant Trail, among others. Watch out for radio hams on Playa, they'll be there too. Be sure to bring your radio. For more info and GPS location go to www.blackrockdesert.org. There'll also be map and directions in Friends of Black Rock Desert office on Main in Gerlach. David Book, 775-843-6443.

Great Basin Group/CNRCC Desert Committee

SEP 26-27 (SAT-SUN)

SERVICE & HIKING IN CARRIZO PLAINS

An opportunity to visit and assist an outstanding and relatively unknown national monument. Saturday is National Public Lands Day, so we'll join other volunteers on several maintenance projects. Car camping, with pot-luck and campfire on Saturday night. Sunday, we tour some historic, prehistoric, and geologic sites in Monument. Details to be determined by consensus of group. Leader: Craig Deutsche, craig.deutsche@gmail.com, 310-477-6670.

CNRCC Desert Committee

OCT 31-NOV 1 (SAT-SUN)

GHOST TOWN EXTRAVAGANZA

Celebrate Halloween by visiting ghosts of California's colorful past in eerie desert landscape near Death Valley. Camp near historic ghost town of Ballarat. Saturday, challenging hike to ghost town Lookout City with historian Hal Fowler who will regale us with tales of this wild west town. Return to camp for happy hour and potluck feast, followed by midnight visit to Ballarat's graveyard. Sunday, make quick visit to infamous Riley townsite. Contact leader: Lygeia Gerard, 760-868-2179.

Mojave Group/CNRCC Desert Committee

he misspeaks, they laugh it off now. Tillie also noticed a significant improvement in Darren's mood and demeanor. She even told me how Darren had told her he is looking forward to speaking any chance he gets. Tillie said Darren doesn't know to whom or where he'll speak publicly again, but he knows he just wants to speak. When Tillie asked what he wants to speak about, he said the things I love, like my family and the places we love to enjoy together.

DEADLINE!

SEPTEMBER 1

FOR OCT-NOV-DEC ISSUE

Range of Light Reflections

Range of Light Group



Group News

Message from the Chair

BY DICK HIHN (rhahn@skidmore.edu)

Greetings! One of my first duties as new chair of the Range of Light Group (ROLG) was to attend the Toiyabe Chapter ExCom meeting, held in Winnemucca, NV, on Saturday, April 11. It was a pleasure to meet our Nevada neighbors. I doubt you will find a group of people more devoted to the environment! (See photo on next page.)

This summer, ROLG will host the **Chapter meeting here in Mammoth Lakes on Saturday, July 18**. On Sunday, there will be an opportunity to attend one of our scheduled outings, which will be led by Mike Shore, ROLG ExCom member. Mike will lead a half-day hike to Skelton Lake and an abandoned mining site and stamp mill. For more information on this outing, contact Mike (805-217-5563).

The **ROLG ExCom quarterly meeting** will take place on **Tuesday, July 28** at 6p at my home. All members are welcome to attend. For details, please contact me.

Our **summer outings program** is underway. Some leader injuries have caused changes in our schedule, and the weather has not always cooperated (though the moisture we've had is desperately needed!). Some recent outings have included trips to such places as Mono Lake, led by Jean Dillingham, and Parker Lake, led by Mauriça Anderson.

Our summer schedule, which starts on this page, shows quite a variety of outings for July, August, and September. Please take a look at these, and join us if you can. Our longer hikes are on Sundays, with shorter, local ones on Thursdays. There will also be a few longer backpack trips.

In addition to Toiyabe Trails, the **ROLG also has a webpage** at <www.

sierraclub.org/toiyabe/range-light>.

On this webpage you may sign up to receive our **ROLG digital newsletter**. Past newsletters are also archived here. Also, you can find us on **Facebook** (Google "Facebook Range of Light Group"). Finally, our **ROLG Outings Meetup site** has 95 members, up 18 from April. To find us there, go to <www.meetup.com/ROLG-SierraClub-Outings-Meetup/>.

On May 20 five members of ROLG conducted our **first scheduled cleanup of the season** along I-395 from the Crestview Rest Area to the Scenic Loop Road. Future cleanups will take place on **July 22** and **September 16**. We meet at the Crestview Rest Area at 8a. All required equipment and snacks are provided. For more information on volunteering, please contact either me (760-709-5050), or Mike Shore (805-217-5563).

Some of our outings are dedicated "work" days (fun, really!) to the **ROLG Blue Diamond ski route project**, under the auspices of the Forest Service. This summer we plan to finish the Earthquake Dome loop area, and finalize the route mapping for Earthquake Dome, Knolls, Inyo Craters, and Obsidian Dome. Thanks to Mary K Prentice and Mary and Mike Shore for their contin-

Please see FROM THE ROLG CHAIR, page 5.

Range of Light Group on Facebook!

TO CHECK US OUT, search "Range of Light Group" on Facebook and "Like" us. (Be sure to include "Group.") Check Facebook for updates for group outings, group events, and area conservation news.



ROL Group Website
<<http://nevada.sierraclub.org/rolgroup/>>
&
Chapter website
<<http://toiyabe.sierraclub.org/>>

Range of Light OUTINGS

BY JOANNE HIHN & DICK HIHN

SUMMER OUTINGS

ALL OUTINGS INCLUDE CONSERVATION EDUCATION ACTIVITIES!

All phone numbers are 760 unless otherwise noted.

CST2087766-40. Registration as seller of travel does not constitute approval by State of California.

CHECKING FOR UPDATES. In addition to contact information listed in the *Trails*, check for updates on . . .

- our WEB PAGE at <www.sierraclub.org/toiyabe/range-light>
- on FACEBOOK, search "Range of Light Group"
- on MEETUP at <<http://www.meetup.com/ROLG-SierraClub-Outings-Meetup/>>
- in LOCAL MEDIA (newspapers, etc.), where we submit outings information (note that it does not always get included in their calendar of events and sometimes published information is not accurate).

SATURDAY & SUNDAY SUMMER OUTINGS

Longer hikes varying in difficulty (moderate to strenuous). Descriptions include mileage, gain, terrain, etc. Bring water, lunch, snacks, layered clothing, appropriate hiking footwear, hat, sunscreen, bug spray, working headlamp or flashlight, and desired personal items such as cameras, binoculars, and hiking poles. Contact: leader for permission to bring your dog. Abominable weather cancels.

THURSDAY EVENING OUTINGS

Short Mammoth Lakes area hikes; back before dark. Emphasis on local history, natural history, conservation issues, etc., depending on leader's interests. All skill levels welcome, including beginners. Bring water, snacks, layered clothing, appropriate hiking footwear, hat, sunscreen, bug spray, working headlamp or flashlight, and desired personal items such as cameras, binoculars, and hiking poles. Meet 4:30p, Mammoth Union Bank. Contact: leader for permission to bring your dog. Abominable weather cancels.

JULY 2 (THURSDAY)

CONVICT LAKE. Circumnavigate lake, hoping for bald eagle sighting and certainly seeing some of oldest rock in Eastern Sierra. Well-behaved dogs welcome. Meet 4:30p, Mammoth Union Bank. Contact: Rosemary (760-387-2782, rosemaryjarrett@gmail.com).

JULY 5 (SUNDAY)

GARDISKY LAKE & TIOGA PEAK (11,526 ft). Tioga Pass area. Stunning views and flowers. About 6 mi RT, 1800 ft gain, strenuous, NO DOGS. Meet 9a, Mammoth Union Bank or 9:45a Lee Vining Ranger

Please see ROL OUTINGS, page 5.

You're Invited!

Range of Light Group Monthly Meetings Everyone welcome!

For all potlucks please bring a dish for 6-8 people and your own *non-disposable* table setting. For months with potluck and program, you are welcome to skip the potluck and come only for the program. NO food allowed when we meet at Mammoth Lakes Community Library.

July 21 (Tuesday)

5 pm, Social & Picnic Potluck
McGee Creek Trailhead
Picnic Area

Arrive at 5 pm or earlier to explore McGee Creek Canyon. We'll eat at 6 pm. Please bring a chair. More: Mary 805-217-5563, marymikeshore@gmail.com.

Sept 15 (Tuesday)

6:30 pm, Social & Announcements (no potluck)
7 pm, Program
Mammoth Lakes Library

"Solutions Through Geothermal Energy: Ormat's Story"

August 18 (Tuesday)

5 pm, Social & Picnic BBQ
Hayden Cabin, Mammoth Lakes

BBQ fire will be ready at 6 pm for those who choose to bring something to cook on the barbeque. This is your chance to tour the museum and grounds around Hayden cabin. Please bring a chair. More: Mary 805-217-5563, marymikeshore@gmail.com.



Please submit suggestions for program topics and/or speakers to our program chair, Mary Shore (mary.shore@gte.net). We always need fresh ideas!

Range of Light Group

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Webmaster Emeritus	Owen Maloy	760-934-9511

* Voting ExCom member

** Owens River Watershed Conservation Chair

Range of Light OUTINGS

continued from page 4

Station (along Tioga Rd.) Contacts: Janet & David (760-647-6431, jcarle@qnet.com).

JULY 9 (THURSDAY)

MCGEE CREEK HIKE. Easy to moderate hike along creek with aspen, possibly as far as beaver dam. Well-behaved dogs welcome. Meet 4:30p, Mammoth Union Bank. Contact: Rosemary (760-387-2782, rosemaryjarrett@gmail.com).

JULY 12 (SUNDAY)

TAMARACK/BUCK LAKES. Hike from Rock Creek Lake to beautiful Tamarack and Buck Lakes (11680ft), nestled against Mt. Morgan. About 10 mi RT, 1880 ft gain on moderate to strenuous trail. Meet 8a, Mammoth Union Bank or 9a Rock Creek Lake. Well-behaved dogs OK. Contact: Dick (760-709-5050, rhihn@gmail.com).

JULY 16 (THURSDAY)

WINDY FLATS. Join us for an hour's walk through meadow which once was Arcularius Ranch. See remnants of early day farming in Mammoth. Meet 4:30p, Mammoth Union Bank. Contact: Mike (805-217-5563, marymikesore@gmail.com).

JULY 19 (SUNDAY)

SKELTON LAKE & STAMP MILL. About 3.5 mi RT, 825 ft gain, easy to moderate. This half-day hike follows Duck Pass Trail to Skelton Lake. Explore Skelton Brothers Stamp Mill and enjoy lunch along banks of this beautiful, backcountry lake. Meet 9a, Mammoth Union Bank. Contact: Mike (805)217-5563, marymikesore@gmail.com).

JULY 20-23 (MONDAY-THURSDAY)

MT. WILLIAMSON BACKPACK. Multi-day X-C backpack to explore Wrights Lake Basin, strenuous, 12 mi longest day, maximum gain/loss 5000 ft/day with possible hike up Mt. Williamson (14,375 ft) via Shepherd Pass. Advance signup required. Contact: Rob (760-937-0446, robertbaum99@gmail.com).

JULY 23 (THURSDAY)

EAST FORK ROCK CREEK. Hike along creek from lodge to Rock Creek Lake; wild flowers will abound. Well-behaved dogs welcome. Meet 4:30p, Mammoth Union Bank. Contact: Rosemary (760-387-2782, rosemaryjarrett@gmail.com).

JULY 25 (SATURDAY)

BLUE DIAMOND WORK DAY. Have FUN installing blue diamond signs on X-C

ski routes in Earthquake Dome area. Bring lunch, dress in your grungiest clothes and enjoy giving back to this fabulous place we call home. Meet 10a, 390 Lupin, Mammoth Lakes, weather permitting. Contact: Mary K (769-934-0335, mkp@npgcable.com) or Mike (805-217-5563, marymikesore@gmail.com).

JULY 26 (SUNDAY)

WHITE MOUNTAIN PEAK (14,252 ft). Hike third highest peak in California. Park at Barcroft Station (12,470 ft) after 16 mi drive on dirt road. Hike 10 mi RT to summit. Gain 2710 ft. Strenuous. Weather permitting. Meet 6a, Mammoth Union Bank. Contact: Dick (760-709-5050, rhihn@skidmore.edu).

JULY 30 (THURSDAY)

TWIN LAKES DITCH. Follow ditch built by early day miners to power Mammoth Mine's stamp mill. Along way spot ruins of Hans George Ski Lodge. Meet 4:30p, Mammoth Union Bank. Contact: Mike (805-217-5563, marymikesore@gmail.com).

AUGUST 1 (SATURDAY)

BLUE DIAMOND WORK DAY. Have FUN installing blue diamond signs on X-C ski routes in Earthquake Dome area. Bring lunch, dress in your grungiest clothes, and enjoy giving back to this fabulous place we call home. Meet 10a, 390 Lupin, Mammoth Lakes, weather permitting. Contacts: Mary K (769-934-0335, mkp@npgcable.com) or Mike (805-217-5563, marymikesore@gmail.com).

AUGUST 2 (SUNDAY)

TUOLUMNE RIVER. Start at W end of Tuolumne Meadows. Beautiful, fairly easy hike down river toward Glen Aulin. About 5-6 mi RT. Possibly some X-C and river crossings. Meet 8a, Mammoth Union Bank, No dogs. Contact: Mary K (760-934-0356, mkp@npgcable.com).

AUGUST 6 (THURSDAY)

"AROUND WORLD" WALK. Enjoy tongue-in-cheek, fun walk near Mammoth Lakes. Contact: John (760-934-1767, salt1143@gmail.com)

AUGUST 9 (SUNDAY)

PAIUTE PASS (11,423 ft). Bring along your camera for fantastic views. Hike through aspen, juniper, lodgepole, and Jeffrey pine forests. About 9.6 mi RT, 2200 ft gain at top of Pass. Moderate to strenuous. Meet 8a, Mammoth Union Bank or 9:30 North Lake Parking Lot. Well-behaved dogs welcome. Contact: Dick (760-709-5050, rhihn@gmail.com).

AUGUST 13 (THURSDAY)

SNOW PONDS. In our fourth year of drought, Snow Ponds are now beautiful Snow Meadows. About 3 mi RT, easy to moderate, with short but steep sections at trail's beginning and end. Meet 4:30p, Mammoth Union Bank or 5p, June Mtn parking lot. Contact: Jean (760-648-7109, dillinghamjean@gmail.com).

AUGUST 16 (SUNDAY)

HALL NATURAL AREA RESERVE (bordering Yosemite). Magnificent glacial lakes basin in shadow of Mt. Conness. Moderate 5 mi RT on and off trail, 600 ft gain + optional 200 ft. Meet 8a, Mammoth Union Bank or 8:45a, Lee Vining Ranger Station on Tioga Road. Well-behaved dogs OK. Leash required first 1/2 mi. Contact: Maurica (760-932-7175, Maurica_And@yahoo.com).

AUGUST 18-20 (TUESDAY-THURSDAY)

MT. LANGLEY BACKPACK. Backpack into Cottonwood Lakes with day hike to summit of Mt. Langley (14,042 ft) via New Army Pass. Strenuous, 14 mi longest day, gain/loss

Range of Light SPRING PHOTO GALLERY

Photos by Joanne Hihn



Toiyabe Chapter ExCom, taken at April meeting, near Winnemucca. Photo: Joanne Hihn.



Views of Mono Lake on our descent from Parker Lake in May. Photo: Joanne Hihn.

FROM THE ROLG CHAIR ...

continued from page 4

ued fine leadership of this project.

Our recent monthly ROLG meetings and potlucks have had a number of excellent guest speakers. In April, David Lee spoke on the topic of "Rock Art of the Eastern Sierra: Local Examples of a Global Expression." Patrick Hayes, General Manager of the Mammoth Community Water District, gave a presentation titled "Measuring Water." Our June presentation was given by Fran Hunt, Eastern Sierra Organizer of the Sierra Club, on the topic of "Inyo National Forest Draft EIS and Draft Forest Plan." See "You're Invited" on this page for our future guest presentations. Many thanks to Mary Shore for organizing these events.

Finally, a BIG thank you to Malcolm Clark for assuming the position of Conservation Chair for the ROLG! Look for his report on this page.

3000 ft/day. Bring your fishing pole. Advance signup required. Contact: Rob (760-937-0446, robertbaum99@gmail.com).

AUGUST 20 (THURSDAY)

BLUE DIAMOND ROUTE & EARTHQUAKE FAULT. Follow one of "Blue Diamond Routes," established in 1980s and explore Earthquake Fault (is it fault or fissure?) with local student of geology. Meet 4:30p, Mammoth Union Bank. Contact: Mike (805-217-5563, marymikesore@gmail.com).

AUGUST 23(SUNDAY)

GIBBS LAKE. Hike to beautiful lake under shadow of Mt. Gibbs, from E side. About 6 mi RT, steep ascent up moraine for 1 mi, then easier terrain following creek to lake. Meet 8a, Mammoth Union Bank, well-behaved dogs OK. Contact: Mary K (760-934-0356, mkp@npgcable.com).

AUGUST 27 (THURSDAY)

VISTA POINT. Take slightly aerobic evening walk to vista point overlooking town of Mammoth Lakes. Meet 4:30p, Mammoth Union Bank. Contact: Mike (805-217-5563, marymikesore@gmail.com).

AUGUST 30 (SUNDAY)

MINARET LAKE. Hike to this beautiful lake (9800 ft) at base of Minarets. Strenuous, 16 mi RT, 2200 ft gain. Well-behaved dogs welcome. Bring \$7 for RT bus to Devil's Postpile trailhead. Meet 6:30a, Mammoth Union Bank, Contact: Dick, (760-709-5050, rhihn@skidmore.edu).

AUGUST 31-SEPTEMBER 3 (MONDAY-THURSDAY)

CLIMB MT. BANNER (13,157 FT) & MT. RITTER (12,945 FT). These two beautiful peaks are often viewed from Minaret Vista.

Strenuous, 12 mi longest day, max gain/loss 3000 ft/day. You should be comfortable with X-C travel with full pack. Possible attempt on Mt. Davis (12,303 ft). Advance signup required. Contact: Rob (760-937-0446, robertbaum99@gmail.com)

SEPTEMBER 3 (THURSDAY)

CRYSTALLAKE. Trail overlooks Lakes Basin and passes through beautiful forested area. About 3 mi RT, well-behaved dogs OK, Meet 4:30p, Mammoth Union Bank, Contact: Sally (760-218-0083, sges4d@gmail.com).

SEPTEMBER 6 (SUNDAY)

BENNETTVILLE/FANTAILE LAKE/ SPULLER LAKE/GREEN TREBLE LAKE/MAUL LAKE/LEE VINING CREEK. Moderate hike, 7 mi RT. Meet 8a, Mammoth Union Bank, dogs OK. Contact: Brigitte (760-924-2140, jungberman@mac.com).

SEPTEMBER 10 (THURSDAY)

SKY MEADOWS. Classic hike past Emerald Lake to meadow dominated by breathtaking cliffs. About 4 mi RT, 900 ft gain, well-behaved dogs OK. Meet 4:30p, Mammoth Union Bank. Contact: Sally (760-218-0083, sges4d@gmail.com).

SEPTEMBER 13 (SUNDAY)

CASA DIABLO MT. (7912 ft). Trail and X-C hike, moderate, 5 mi RT. Well-behaved dogs OK (bring extra water). Meet 9a, Mammoth Union Bank. Contact: Brigitte (760-924-2140, jungberman@mac.com).

SEPTEMBER 14-17 (MONDAY-THURSDAY)

CLIMB MT. SILL (14,153 FT). Mt. Sill has best view of any summit in Sierra. Strenuous 11 mi on longest day, max gain/loss 4000

Please see ROL CALENDAR, page 12.

CONSERVATION ROUNDUP

Our invaluable public lands

BY MARGE SILL

The Toiyabe Chapter is so fortunate to have millions of acres of wonderful public lands within its boundaries in Nevada and Eastern California. These are managed by four different agencies: Bureau of Land Management, U.S. Forest Service, Fish & Wildlife Service, and National Park Service. However, these lands are owned by all United States citizens, are open for all visitors, and are also important for our great variety of wildlife and native fish.

However, because of ignorance, some would sell or give away these lands and put up “no trespassing” signs, not realizing how keeping them public is so necessary.

In these days of climate change and extreme drought, public lands are more important than ever. They need to be managed in such a way that water becomes a primary factor in any development. Wildlife must be able to move to higher and cooler places. All streams and springs must be mapped and preserved.

What you can do. As an involved citizen, how can you help take care of our public lands? Here are a few ways:

- if you are able, get out and visit them and take others, particularly

young people, with you

- make sure that when you leave the highway, you drive only on designated roads

- pick up the trash that some have left behind

- volunteer with the many groups who are working on restoration of our lands

- talk to your friends about how important public lands are to people, animals, and plants

- let the decision makers know how much you care about our lands

- take pictures, write letters, and be a strong advocate for our beautiful, precious public lands!

2015 Nevada Legislative Session

Setbacks for clean energy

BY ANNE MACQUAIRIE, CHAIR, TOIYABE CHAPTER LEGISLATIVE COMMITTEE

EFFORTS TO BEEF UP ENERGY EFFICIENCY IN NEVADA were stymied when SB407, which would have established an energy savings goal for NV Energy’s demand-side management programs, failed to reach the Senate floor for a vote.

Tom Polikalas, Nevada Representative for the Southwest Energy Efficiency Project says, “It was tremendously disappointing that this legislature did not pursue the opportunity to create jobs, otherwise improve Nevada’s economy, save water, and reduce pollution. Hopefully, the vital benefits of energy efficiency will be better understood by policymakers in the future.”

Two bills endangering Nevada’s progress as a leader in renewable energy passed late in the session. Neither of these bills got a fair public hearing, leaving clean energy advocates frustrated at a lack of opportunity to meaningfully engage with our elected officials on clean energy.

A low cap on the number of kilowatts provided by net metered (NEM) customers was established in original NEM legislation; in this session, clean energy advocates sought a higher cap that would allow rooftop solar to continue to flourish in Nevada. SB374 kicked the ball regarding NEM to the Nevada Public Utilities Commission (PUC).

We fear new fees for NEM customers will emerge from the PUC ratemaking process, but in a small victory the bill

was amended to clarify language regarding the cap, making it possible for customers to continue to install rooftop solar while the new rates are being set.

AB498 was sneaked in by Republican Speaker of the Assembly John Hambrick; it unanimously passed in the last minutes of the session. Barb Boyle, Beyond Coal campaign manager for Nevada, says the bill “breaks the 2013 legislature’s historic deal on getting off coal power and moving to clean energy.”

The 2013 Legislature passed SB 123 to close Nevada coal plants and replace them with cleaner energy: the bill specified that at least 350 MW of the replacement energy be renewable. Hambrick’s bill requires the replacement renewable energy to be subjected to a “need” test by the PUC, which could delay or even halt projects.

Boyle says, “This bill breaks a deal the Governor and the legislature made with NV Energy and Nevadans to move off coal and replace it with clean, renewable power. If it’s needed, this idea should have been introduced and vetted in the normal process during the session, not raised in a sneaky, back-door maneuver.”

Marge Sill honored with Virginia Cain Progressive Leadership Award

BY JEAN STOESS

OUR VERY OWN MARGE SILL has received yet one more award for her untiring defense of Nevada’s wild spaces, clean air and water, and wildlife.

At the 2015 Jefferson-Jackson brunch of the Democratic Party of Washoe County on May 31st, Marge was presented with the Virginia Cain Progressive Leadership Award.

This prestigious award is presented annually to individuals or organizations with exemplary dedication to progressive causes.



Marge at the podium.

Marge spoke for a few minutes, thanking the many people present who had also worked for progressive and conservation causes, and warning all that we must continue the good fight so that our children and grandchildren

will be able to breathe fresh air and drink clean water and continue to enjoy Nevada’s priceless public lands.

She ended by quoting Sierra Club founder John Muir, asking us to “Climb the mountains, and get their good tidings.”

Marge has been a member of the Sierra Club for over 50 years, and has served as our Toiyabe Chapter’s Conservation Chair and on numerous committees. She currently serves as Chair of the Wilderness and National Parks Committee.

She is fondly known by many as “The Mother of Nevada Wilderness” for her tireless efforts over the years to set aside and protect valued wilderness in Nevada. She helped write the Wilderness Act and was instrumental in its passage in 1964. Marge also was the driving force behind the formation of Great Basin National Park. She is certainly very deserving of this award.

Congratulations Marge, and thank you for all you do!

“Basin & Range,” possibly our next National Monument

BY CHRISTIAN FRANCISCO GERLACH, ORGANIZING REPRESENTATIVE, SIERRA CLUB, OUR WILD AMERICA CAMPAIGN



Christian Gerlach.

Coal and Garden valleys make up “Basin & Range.” These broad valleys are surrounded by mountain ranges and exemplify

the Basin and Range formations that make up the breathtaking expanses of a large portion of the Interior West.

If Basin & Range is designated, it would be Nevada’s largest Monument and among the largest monuments in the lower 48 states. It covers some 1100 square miles – more than 700,000 acres.

The valleys are ecologically important to wildlife and the White River watershed, serving as a wildlife corridor for various protected species and endangered species such as bald eagle, burrowing owl, and red-tailed hawk. The hydrological basins that lie beneath these two broad valleys feed water down the White River watershed, flowing through both

the Key Pittman Wildlife Management area and Pahranaagat National Wildlife Refuge. The basins ultimately drain out into the Overton Arm of Lake.

Coal and Garden Valleys are chock full of not only natural treasures, but also cultural and historical resources that are simply unparalleled. The greater area surrounding the two valleys is on the National Register of Historic Places for its magnificent examples of Native American rock art--such as in the White River Narrows Archeological District. There have even been Clovis points that date back 9000 years found in the washes between Coal and Garden Valleys



Please see BASIN & RANGE, page 7.

Public land grab bills

A bad bill passes, a worse one fails, in NV legislature

BY ANNE MACQUARIE, CHAIR, LEGISLATIVE COMMITTEE, TOIYABE CHAPTER EXCOM

THE SIERRA CLUB WENT INTO THE 78TH SESSION OF THE NEVADA legislature with three priorities: to defend public lands from proposed state takeover; to work for an energy efficiency bill; and to play defense against bills counter to our mission to protect the resources and environment of Nevada.

The upshot: some bad bills passed; some good bills didn't even make it to the floor; an awful bill was defeated.

The session saw two bills introduced to grab our public lands. SJR 1, sponsored by rural Nevada Senator Pete Goicoechea, "urges Congress to enact legislation transferring title to certain public lands to the State of Nevada in accordance with the report prepared by the Nevada Land Management Task Force." Accord-

ing to the Task Force Report, this would eventually include millions of acres of our public lands. SJR1 passed both houses on a party-line vote.

AB408, a radical bill dubbed the "Bundy Bill" after the scofflaw southern Nevada rancher Cliven Bundy, used an obscure clause of the U.S. Constitution to direct Nevada to undertake the control of, and to lease to private businesses all public lands in the state, including parks and wilderness areas. It was trounced in the Assembly, with only eight "yes" votes: many of our legislators apparently decided they didn't want to associate themselves with the lawbreaking rancher.

Sierra Club members worked hard against both these bills, joining a coalition of hunting and fishing groups, wilderness advocates and progressive groups in organizing rallies, attending committee hearings and contacting legislators.

Leaders of the Toiyabe Chapter remain concerned about public land-grab efforts. In its April meeting, the Chapter's Executive Committee prepared a resolution for passage by the Club's California Nevada Regional Conservation Committee (CNRCC) supporting measures to prevent transfer of public lands to the states or to private interests. Excom members Laurel Ames and Anne Macquarie presented the resolution to CNRCC, where it passed unanimously. Look for more on this issue in upcoming editions of *Trails*.

cultural and historical resources, truly merit permanent protection so future generations will enjoy and be inspired by the undeveloped and wild places left in Nevada and the west.

BASIN & RANGE . . .

continued from page 6

in the Golden Gate Ridge Gap. Clovis points are arrow and spear points typical of crafting and design of the earliest peoples of North America, dating from as far back as 13,000 years ago.

The area is also home to the world's largest example of Landscape or Earth art, known as "City" by artist Michael Heizer. Heizer is the son of anthropologist Robert Fleming Heizer, who himself was a native of Lovelock, Nevada. Mr. Heizer was influenced by his father's anthropological field work, which took him to rural California, Nevada, Peru, and Bolivia, and by the work of his geologist grandfather, Olaf P. Jenkins. In 1972, Heizer began construction on a massive installation known as "City" in Garden Valley. The artwork is more or less a testament to the whole of human civilization and society.

It is because of the unique resources in these valleys that Senator Harry Reid has taken notice and helped lead the charge to protect them. He has introduced legislation to withdraw these vast viewsheds from development like mineral and oil drilling with the use of fracking.

In late February, Senator Reid co-hosted with Congresswoman Dina Titus a Las Vegas public hearing in which the community voiced to deputy Interior Department director Mr. Michael Connor their love of public lands, emphasizing the need to protect Gold Butte, and Coal and Garden Valleys.

Since then, there has been a draft of President Obama's proclamation designating Basin & Range a National Monument that was leaked to the press in mid-May by Congressman Crescent Hardy. The proposed designation has drawn the ire of republicans in Congress and has inspired attacks on the Antiquities Act.

The pristine ecology of Coal and Garden Valleys, with its rich bounty of

Forest planning update

Wilderness opportunities for Inyo National Forest!

BY FRAN HUNT, EASTERN SIERRA ORGANIZER, SIERRA CLUB
(FRAN.HUNT@SIERRACLUB.ORG)

WITH KEY DECISION POINTS and the anticipated release of key environmental documents and the Draft Inyo National Forest Plan, 2015 is turning out to be a critical year for the future of the unique and iconic wildlands of the Inyo National Forest in CA and NV.

Most recently, we've seen an exciting opportunity for additional wilderness protections on the Inyo as the Forest Service released the results of its wilderness evaluation process. The Sierra Club is pleased that the Inyo National Forest has recognized the wilderness character of six special roadless areas on the forest and will urge the agency to follow through by recommending each of them for designation by Congress:

- 3 potential new wilderness areas, one each in the Glass Mountains, Deep Springs South (Soldier Canyon), and Deep Springs North (Birch Creek) areas;
- 1 potential addition, at the southernmost end of the Inyo forest, to the eastern side of the existing South Sierra Wilderness;
- 2 potential additions (Blanco and Dead Horse Meadows) to the existing White Mountain Wilderness.

During forest planning, the Forest Service is required by law to identify and evaluate wild and roadless lands that may be suitable for inclusion in the National Wilderness Preservation System and determine whether to recommend any such lands for wilderness designation.

Only Congress holds the authority to create new wilderness. But if the agency recommends new wilderness designations, it will be required to include safeguards in the Inyo's new forest plan to ensure the wilderness character of all recommended areas is not reduced before congressional designations can be enacted.

You can find maps and other information about the six potential wilderness areas the Forest Service has identified by clicking the drop down tab labeled "Evaluations" near the bottom of the agency's web page at: <http://www.fs.usda.gov/detail/r5/landmanagement/planning/?cid=STELPRD3803608>.

While the agency's recognition of these 6 areas (totaling some 72,000 acres) is welcome news, the Sierra Club and our allies, including The Wilderness Society, are concerned that the Forest Service has overlooked other important areas and failed to involve the public in a meaningful way as it evaluated the wilderness potential of the Inyo National Forest's special wildlands.

Specifically, the Forest Service failed to offer a legitimate opportunity for the public to participate and stay informed as the agency evaluated the wilderness

potential of the nearly 792,000 acres of inventoried roadless areas on the Inyo forest. In addition, while the Inyo National Forest is preparing its Draft Forest Plan and Draft Environmental Impact Statement for release sometime this fall, it currently intends to only consider these six areas alone for possible wilderness recommendations. This is troubling indeed, as these six areas constitute less than 10% of the Inyo's considerable wilderness potential.

The Sierra Club will continue to press the Forest Service to abide by the terms and spirit of both the Wilderness Act and the National Environmental Policy Act as it proceeds with forest planning and wilderness evaluation on the Inyo. Our goal will be to have the Forest Ser-



Dexter Canyon as seen from the Glass Mountains.
Photo: Jora Fogg.

vice involve the public in a meaningful consideration of many more deserving wild and roadless areas on this important national forest, including, for example, Dexter Canyon in Mono County, CA.

Dexter Canyon has outstanding scenic, wildlife, and ecological values and comprises a rich and special part of the Glass Mountains, the only east-west mountain range in the eastern Sierra region. Flowing from a large meadow that supports aspen groves, willow thickets, and other native species, Dexter Canyon creek and its tributaries have carved more than 25 miles of deeply incised rim-rock canyons reminiscent of the desert southwest. A unique mix of Jeffrey, pinyon, and limber pine grow on these beautiful canyon slopes and rims, with occasional groves of snowbank aspen. Dexter Canyon's great scenery, notable setting, and high aquatic integrity all contribute to its potential as both an addition to the National Wilderness Preservation System and as a Wild & Scenic River.

What you can do. Sierra Club members and allies who would like to stay up-to-date and learn how they can support additional wilderness and wildlands protections on the Inyo Forest can sign up for the Sierra Club's free monthly e-newsletter, the Inyo Forest News, at <http://tinyurl.com/oxn2rpp> or by emailing/calling me at fran.hunt@sierraclub.org or (703-424-3143).

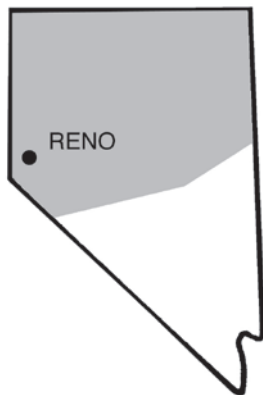


DEADLINE!

SEPTEMBER 1

FOR OCT-NOV-DEC ISSUE

Great Basin Gatherings



Great Basin Group

Message from the Chair

The latest news

BY KATY CHRISTENSEN, GROUP CHAIR

THE GREAT BASIN GROUP offers excellent **monthly meetings** at the Bartley Ranch Center on the 2nd Thursday. The meetings are always planned to meet the interests of our nature loving northern Nevada friends.

In March, Roleigh Martin, GB Group treasurer, offered a lively presentation on the John Muir Trail. Roleigh leads 3-4 hikes each week! He will lead his eighth JMT hike in July 2015.

An **April Gear Swap** was held and raised funds to support the Group's Get Kids Outdoors grants. Grants were awarded this spring to the Truckee Meadows Park Foundation and a local charter school to support outdoor activities for low income youth.

In May, acclaimed author and professor, Dr. Laird Blackwell, offered a **presentation on wildflowers**. He has led wildflower field classes in the Sierra for over 30 years and has written, with his own photos, eight wildflower field guides. The guides include ones for Tahoe, the Eastern Sierra, the Great Basin, Mount Rainier, and the state of

California.

Membership reports continue to show a steady increase in Great Basin Group membership.

In April, three of the GBG ExCom members participated in trainings in the San Francisco area, and will now be able to hold **local trainings for outings leaders**. Outings continue to grow in the GBG area.

A most special thank you goes to Caron Tayloe, who has served as Program Chair during the past year. Due to her commitment and energy, program content improved and attendance grew. We wish her much good fortune in her new job.

Annual Members' Picnic! Sunday, August 23

Join the Great Basin Group for our Annual Members' Picnic at the Galena Creek group picnic area. For details see the GB Calendar, which begins on this page.

Great Basin Group Calendar

All phone numbers are 775 unless otherwise noted.

ALL events include conservation education activities.

CST Nevada Tour Operator – Registration Information, Nevada Tour Operator
Ref. No. 2008-0041 2087766-40. Registration as a seller of travel does not constitute approval by the State of California.

JULY 2 (THURSDAY) 5:30P

Moderate Evening Conditioning Hike. Get in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in and around Truckee Meadows. More info: MeetUp site. DL. Leader: Ridge Walker. Co-Leader: Jeanne Kettler Mod. Easy.

JULY 3-6 (FRIDAY-MONDAY) TBD

Ruby Crest Trail Backpack. The trail traverses Ruby Mountains from Lamoille Canyon to Harrison Pass. Pastbut experience has shown us that this remarkable area is very similar to the Sierra, without crowds. For experienced backpackers only. About 34-37 mi long, around 10-12 mi/day. Plan on leaving later in day on 2nd, stay at motel in Elko area that eve; possibly set up car shuttle then or in morning. We encourage car-pooling to save gas, share cost. On 6th, hike out and drive back to Reno area. This outing will NOT be on our MeetUp site, all participants will need to speak with leaders for approval. Contact us by June 26th if you would like to go on this adventure. Trip limit 10. DL. Leader: Holly Coughlin (775-331-7488; ladyhiker1@att.net). Co-Leader: Jim Call (775-420-6363; freneticmarmot@gmail.com). Mod. Strenuous.

JULY 7 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner and moderate hikers. Each week's trail will be easy, not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <<http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>>. DOK. Leader: David von Seggern (775-303-8461; vonseg1@sbcglobal.net). Easy.

JULY 8 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. Join us on after-work hikes in Truckee Meadows area.

Outings are all about 4-5 mi RT, 600-1400 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs OK; some locations require leash. Info: MeetUp site: www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/. DOK. Leader: Holly Coughlin Co-Leader: Jim Call. Mod. Strenuous.

JULY 9 (THURSDAY) 5:30P

Moderate Evening Conditioning Hike. Get in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in, around Truckee Meadows. More info: MeetUp site. DL. Leader: Ridge Walker. Co-Leader: Jeanne Kettler Mod. Easy.

JULY 9 (THURSDAY) 8A

Showers Lake Loop, Carson Pass/Hwy 88. About 9 mi in loop through wildflowers with scenic views along Meiss Ridge. Return through Upper Truckee River watershed with grassy meadows usually with profusion of wildflowers. Gain about 2000 ft for day. Learn some history of area. Strenuous. Drivers need \$5 cash for parking fee at trailhead, unless you have Pass. ND. Leader: T A Taro (775-530-2935). Mod. Strenuous.

JULY 12 (SUNDAY) TBA

Snow Valley Peak (9214 ft). This peak is on Great Basin Peaks Section list (#17), is situated on east side of Lake Tahoe north of Spooner Summit. From top we'll have beautiful views of Lake Tahoe, Marlette Lake as well as many peaks in all directions. The hike is all on trail but because of distance (~11 mi), gain (~2700 ft) it will be moderately strenuous. Come, learn more about Great Basin Peaks Section, how

Please see GB CALENDAR, page 9.

*GB GROUP WEBSITE: <<http://toiyabe.sierraclub.org/gbgroup/>>

FACEBOOK: <<https://www.facebook.com/groups/scgbg/>> (Sierra Club GBG)

MEETUP: <<http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>>

Great Basin Peak Section News

It's time to work on peak lists!

BY SHARON MARIE WILCOX

As spring approaches, more peaks are snow-free, which increases opportunities to work on the Great Basin Peaks list. Who will be out hiking in the Great Basin this season? The following members have provided their peak numbers to show their current progress:

Robert Stolting 9
Niki Houghton 13
Mitch & Janice Brown-Silveira 21
Laura Newman 22
Kathy Rich 23
Marge Sill 24
Daniel Baxter 24



James Barlow 29
Bob Michael 35
Larry Grant 68
Bob Morrill 35
James Morehouse 36
Al Sandorff 36
Tobi Tyler 46
Howard Steidtmann 49
Dave Porter 54
Randy McNatt 59
Charlie Winger 66
Mary Brooks 66
Daryn Dodge 67
Ken Jones 75
Sharon Marie Wilcox 81
Larry Dwyer 92
John Ide 114

Looks like a new list finish is on the horizon!

We'll check back as autumn ends to see everyone's progress, plus add others that decide to share their

Please see GB PEAK SECTION NEWS, page 9.

GREAT BASIN GROUP

OFFICERS

Chair	Holly Coughlin*	775-331-7488	ladyhiker1@att.net
Vice-Chair	Katy Christensen*	702-755-2267	mabelnv@hotmail.com
Secretary	Sue Jacox*	775-849-1890	suejacox@nvvbellnet
Treasurer	Martin Mace*	775-745-4703	mace.martin@gmail.com
Conservation	Jim Call	775-420-6363	freneticmarmot@gmail.com
Energy	Open		
Membership	Jim Call	775-420-6363	freneticmarmot@gmail.com
Outings	Holly Coughlin	775-331-7488	ladyhiker1@att.net
Political	David von Seggern	775-303-8461	vonseg1@sbcglobal.net
Programs	Caron Tayloe	775-813-3983	crntayloc@gmail.com
Webmaster	Peter Johnson	775-250-2576	peter.j.johnson@charter.net

* ExCom member

Kids appreciate GKO grant!

BY SUE JACOX, SUEJACOX@NVBELL.NET

Sierra Club's Great Basin Group Scares about getting kids outdoors. A successful spring "Gear Up" silent auction to recycle our gently-used outdoor gear netted funds which helped Bailey Charter School sixth graders spend three days on the shore of Lake Tahoe with Great Basin Outdoor School in May.

Some of the children had never visited Lake Tahoe before, and hiking in the forest, learning about the environment, and doing stewardship projects were new experiences for many of them.

Thank yous from students. Students truly appreciated the opportunity and

Please see GET KIDS OUTDOORS, page 9.



Bailey 6th graders had fun at Tahoe with Great Basin Outdoor School in May. GBG "Get Kids Outdoors" donations helped fund their trip.

you can join. Contact Leader for further details. ND. Leader: Larry Dwyer (775-745-6628; kdwyer31@charter.net). Mod. Strenuous.

JULY 14 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner and moderate hikers. Each week's trail will be easy, not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <<http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>>. DOK. Leader: David von Seggern (775-3038461; vonseg1@sbcglobal.net). Easy.

JULY 15 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. Join us on after-work hikes in Truckee Meadows area. Outings are all about 4-5 mi RT, 600-1400 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs OK; some locations require leash. For more information go to our MeetUp site: www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/. DOK. Leader: Holly Coughlin Co-Leader: Jim Call. Mod. Strenuous.

GET KIDS OUTDOORS...

continued from page 8

wrote and illustrated many thank you letters. One girl wrote: "Dear Great Basin Outdoor School, Thank you for having us there getting to explore nature and learn in fun ways... Thank you for teaching us and I never wanted that to end... I loved the lake, it's beautiful, and the trees around us. I liked the activities, they were really creative. I loved that we got to choose our own nature name."

A boy drew a picture of himself in the forest and wrote, "Thank you for letting us come... I had the time of my life! My favorite part was the night hike."

Thank you from teachers. The teachers wrote, "Watching them go through many "first" experiences such as seeing Lake Tahoe, staying in cabins, playing on a beach, and eating "family style" was such an honor. Your amazing program gave them lifelong memories and lessons they will never forget."

Kids need nature! Great Basin Outdoor School is grateful for all community support for schools which helps connect children with nature – children who otherwise have little or no opportunity for such activities.

Even short trips beyond their own neighborhoods are rare for families without cars. Teachers can now register classes for fall, winter, and spring science camps. See photos on the Great Basin Outdoor School Facebook page and details on the website at <www.greatbasin-os.org>.

What you can do. To help more children, support Sierra Club's Great Basin Group "Get Kids Outdoors" fund with contributions sent to P.O. Box 8096, Reno, NV 89507.

GB PEAK SECTION NEWS...

continued from page 8

peaks.

Our Toiyabe Chapter webmaster, Dennis Ghiglieri has our **new website format** done. Check it out on the link below. Thanks Dennis!

We now have a page on **Facebook**. Please add pictures or reports from your trips to share with other hikers.

Join the GBPS! For details on membership, recognition categories, peak list, and trip reports check out Great Basin Peaks Section at: <<http://www.sierraclub.org/toiyabe/great-basin-peak-outings>>.

Great Basin Group Calendar

continued from page 8

JULY 16 (THURSDAY) 5:30P

Moderate Evening Conditioning Hike. Get in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in, around Truckee Meadows. More info: MeetUp site. DL. Leader: Ridge Walker. Mod. Easy.

JULY 20-24 (MONDAY-FRIDAY) TBD

Jarbidge Wilderness Area Peak Climbs: Multi-day Car Camping Trip. Three peaks on Great Basin Peaks Section list are located in Jarbidge Wilderness Area in northeastern Nevada. They include Matterhorn Peak (10,839 ft), Cougar Peak (10,563 ft), Gods Pocket Peak (10,184 ft). The Jarbidge is truly one of Nevada's little known gems. Due to location, area catches lot of precipitation, is beautifully lush (by Nevada standards). It takes a day to drive out, another day to drive back, so we'll have three days out there for peak bagging. Learn about how Jarbidge Primitive Area became Nevada's very first Wilderness Area. Contact leader: Larry Dwyer (775-745-6628; kdwyer31@charter.net). ND.



Pah-Rum Peak hikers. Photo: Sharon Marie Wilcox.

Strenuous.

JULY 21 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner and moderate hikers. Each week's trail will be easy,



Rawe Peak hikers. Photo: Sharon Marie Wilcox.

not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <<http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>>. DOK. Leader: David von Seggern (775-303-8461; vonseg1@sbcglobal.net). Easy.

JULY 22 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. Join us on after-work hikes in Truckee Meadows area. Outings are about 4-5 mi RT, 600-1400 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs OK; some locations require leash. For more information go to our MeetUp site: www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/. DOK. Leader: Holly Coughlin. Co-Leader: James Call. Mod.

Exploring public lands on Great Basin Peaks

BY SHARON MARIE WILCOX

THE GREAT BASIN PROVIDES year-round hiking possibilities. Many peaks are snow-free most of the year so hiking opportunities never end.

In March, Larry Dwyer led a group up Pah-Rum Peak (7608 ft), as a joint Sierra Club/Friends of Nevada Wilderness outing. Pah-Rum is located in the Fox Range Wilderness Study Area and is the range highpoint.

Our route headed up Rattlesnake Canyon for a pleasant, steep hike to the summit for about 2600 ft gain and 6 miles round trip. For those interested in peak lists, Pah-Rum is also a Nevada prominence peak.

Great Basin Peaks promise spectacular summit views. During lunch, we viewed Pyramid Lake to the south, the Smoke Creek Desert, San Emidio Desert, plus many notable surrounding peaks still visible on this cloudy day.

Larry also planned a hike to Rawe Peak (8343 ft) at the north end of the Pine Nut Range. The Old Como Road out of Dayton leads to the hike's starting point. The rough, rocky road passes the old mill ruins and town site of Como, adding a possible exploration of the historical 1860s mining town.

This hike has some minor rock scrambling and brushy areas. These vary in distance depending on your starting point. Our parking spot gave us about 1500 ft gain and 6 miles round trip. Our bonus was a nice black bear track in the mud.

Thanks, Larry, for planning these two enjoyable outings and sharing information on the difference between wilderness, wilderness study areas, and areas with wilderness characteristics.

Support public lands! We can enjoy these hikes because of public lands. Public lands enable us to access the many peaks and outdoor areas we all enjoy. To help preserve and protect our public lands please email the members of the Nevada Senate and ask them to vote No on Senate Joint Resolution 1.

This resolution would transfer a majority of public lands into state and private control, preventing us from enjoying their endless opportunities. Public lands are currently managed by the BLM and US Forest Service, and contain many recreation areas and critical wildlife habitat. Let's work to keep them public!

Strenuous.

JULY 23 (THURSDAY) 8A

Elephant's Back Day Hike. Visit Frog, Winnemucca, Round Top Lakes. Scale Elephant's Back, enjoy sweeping views of high Sierra. Possibly return by Woods Lake, including hiking on part of emigrant wagon train route. Wild flowers should be in full display. Learn about history of area. 9.5 mi, 1,700 ft gain for day. ND. Leader: T A Taro (775-530-2935). Strenuous.

JULY 23 (THURSDAY) 5:30P

Moderate Evening Conditioning Hike. Get in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in, around Truckee Meadows. Info: MeetUp site. DL. Leader: Ridge Walker. Mod. Easy.

JULY 25 (SATURDAY) 9:30A

Round Top Lake Wildflower Day Hike. Fantastic hike to view wildflowers, several high Sierra lakes. About 6 mi RT, 800 ft gain. Lunch at Roundtop Lake. Bring camera for great flower photo opportunities. Dogs required to be on leash at all times, must be well-mannered. Trip limit 12. DL. Leader: Holly Coughlin (775-331-7488). Co-Leader: Jim Call (freneticmarmot@gmail.com). Moderate.

JULY 25 (SATURDAY)

Stevens Peak Day Hike. Forests, flowers, ridges of Sierra Nevada north off Carson Pass. We'll start on Pacific Crest Trail, connect with Tahoe Rim Trail, ascend Stevens Peak. On return, may also bag Red Lake Peak. About 10 mi, 2000 ft gain. Experienced hikers only, with ample X-C experience. Dogs OK. Mod. strenuous. Leaders: David von Seggern (vonseg1@sbcglobal.net, 775-303-8461), Daniel Ellsworth (daniel@danielellsworth.com, 775.741.8384).

JULY 28 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner and moderate hikers. Each week's trail will be easy, not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <<http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>>. DOK. Leader: David von Seggern (775-303-8461; vonseg1@sbcglobal.net). Easy.

JULY 29 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. Join us on after-work hikes in Truckee Meadows area. Outings are all about 4-5 mi RT, 600-1400 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs OK; some locations require leash. For more information go to our MeetUp site: www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/. DOK. Leader: Holly Coughlin Co-Leader: Jim Call. Mod. Strenuous.

JULY 30 (THURSDAY) 5:30P

Moderate Moonlight Conditioning Hike. Get in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in, around Truckee Meadows. More info: MeetUp site. DL. Leader: Ridge Walker. Co-Leader: Jeanne Kettler Mod. Easy.

AUGUST 1 SATURDAY

Devils Oven Lake Day Hike. Join us on full day's hike near Castle Peak off I-80. This hidden lake lies under Basin Peak, towering granite cliffs. Starting on PCT, loop hike will be 12 mi, with nearly 3000 ft gain as we make ups, downs. Numerous spring-fed rivulets feed great summer flower displays. Dogs OK. Mod. strenuous. Leaders: David von Seggern (775-303-8461, vonseg1@sbcglobal.net), Connie Webb (775-772-4187, connie1274@outlook.com).

AUGUST 2 (SUNDAY) 8:30A

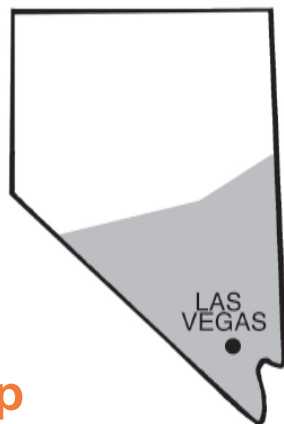
Freel Peak Day Hike (10,881 ft.). Peak back of highest mountain in Carson Range, located on S rim of Tahoe basin. Hiking mostly on Tahoe Rim Trail, except for final X-C assault on summit. Overview, lessons on geologic history of this part of Sierra. About 8 mi RT, 2500 ft. gain. About 25% harder than Mt. Rose. Trip limit 12. DL. Leader: Ridge Walker. (853-8055). Co-Leader: Jeanne Kettler (843-9828). Strenuous.

AUGUST 4 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner and moderate hikers. Each week's trail will be easy, not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <<http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>>.

Please see GB CALENDAR, page 11.

The Mojave Monitor



Southern Nevada Group

Group News

Monthly ExCom Meetings

July 16 & September 16, 2015 (dark in August)

Open to all members, the monthly meetings of our Executive Committee (ExCom) remain on Wednesdays in the 3rd quarter. We will be meeting from 6pm to 8:30pm at the Sierra Club Office, located just off West Sahara near Palace Station at Building C, Suite 109, 2330 Paseo del Prado, Las Vegas, NV 89102. There is plenty of free parking in the surrounding lot. Anyone who would like to participate on the leadership team is invited to attend. The dates are July 16 and September 16. Dark in August.

General Program Meetings

General Program Meetings have been suspended for the 3rd quarter. For details, contact the Group Chair, Taj Ainlay (contact details just above).

Celebrating 50 years in S. Nevada

BY TAJ AINLAY, GROUP CHAIR

That's right; the Sierra Club has been active in Southern Nevada for five decades. We are very proud of our accomplishments over the past half century, and to commemorate this historic milestone, our Group is planning a gala event for the middle of October.

As we all know, Southern Nevada has changed greatly since the 1960s. Our intention is to honor members and friends who have been instrumental in 50 years of efforts to explore, enjoy and protect our remarkable local environs.

Join the Celebration Committee! We invite you to be part of the process. We need volunteers to join our Celebration Committee and assist in organizing and promoting the event. To join in the fun of putting this together, please contact SNG Chair Taj Ainlay (tajainlay@aol.com or 702-906-5741). We need help in a variety of areas, so any time you can contribute will be most appreciated.

Southern Nevada Group Calendar

All phone numbers are 702 unless otherwise noted.

All hikes and service projects are led by certified outings leaders.

(Please use email when leaders state that they prefer email, especially if you have a long distance telephone number.)

ALL EVENTS INCLUDE CONSERVATION EDUCATION ACTIVITIES

Nevada Tour Operator – Registration Information, Nevada Tour Operator Ref. No. 2008-0041.

JULY 5 (SUNDAY)

Cabin at Hidden Forest, Desert NWR. About 11 mi RT, 2000 ft gain. Beautiful walk in forest to historic cabin in Sheep Mtn range. High clearance vehicles needed. Is Forest really hidden? Roger Olsen (702-506-5475). Level 4-5.

JULY 6 (MONDAY)

Upper Bristlecone Trail, Spring Mtns NRA (aka Mt. Charleston). About 5 mi RT, 800 ft gain, strenuous. Take this scenic trail from ski area at Lee Canyon to junction with old road, take switchbacks up to top of ridge, then loop back, reaching an elevation of 10,000 ft. How old are bristlecone pines? Why did President Roosevelt stop construction of road? Leader: geologist Nick Saines (702-896-4049). Level 4.

JULY 11 (SATURDAY)

Lee Canyon Ski Area to Bonanza Trail, Spring Mtns NRA (aka Mt. Charleston). About 5-7 mi, 1500-2000 ft gain, easy going. Will take most of day - bring plenty of water and lunch. Optional short mindfulness walk through a stand of bristlecone pines on way down. What are sources of water in this area? Dogs OK. Bill Marr (702-433-0743). Level 3-4.

JULY 18-19 (SATURDAY-SUNDAY)

Exploration: Proposed Basin & Range Nat'l Monument. Moderate. Jim Boone will give us a tour of this area in Lincoln County. Short hikes, pictograph and petroglyph sites, geological features, and artist Michael Heizer's famous earthen sculpture called "City." See evidence for "Alamo Impact" – when an asteroid hit Nevada during Devonian Period, 367 million years ago. Overnight stay in Alamo motel. What evidence might we expect to see? Leader: geologist Nick Saines (702-896-4049). Level 2.

JULY 26 (SUNDAY)

Bristlecone Loop, Spring Mtns NRA (aka Mt. Charleston). About 6 mi RT, 1200 ft gain. Fantastic hike in alpine forest. Wild horse sightings possible. Why are Bristlecone trees so gnarly looking? Roger Olsen (702-506-5475). Level 4.

JULY 27-28 (MONDAY -TUESDAY)

Beach Break, Laguna Beach, CA. Moderate. Escape heat with a beach break on beautiful California coast. Walk along Laguna Beach and in gorgeous Heisler Park; meals at oceanside restaurants. Visit art museum, Pageant of Masters (optional), intertidal Marine Preserve. How does tide impact ecology? Leave Monday morning, return Tuesday night. Stay in an Irvine motel. Option to stay two nights. Leader: geologist Nick Saines (896-4049). Level 2.

AUGUST 2 -7 (SUNDAY-FRIDAY)

Glacier National Park Service Week. Join us for a week of Service as we participate in Crown of Continent Research Learning Center Citizen Science project at majestically beautiful Glacier National Park on Montana/Canada border. As VIPs (Volunteers In Park) we'll be park guests, tenting at a campground. We'll make daily hikes into somewhat-less-visited east side areas of park to conduct scientific surveys of mountain goats, bighorn sheep, and pikas. Full training on Monday morning, then hit trails remainder of week with all survey tools such as binoculars and GPS units provided for us. Hiking and doing Service in Glacier National Park – it doesn't get much better than this! Contact Par Rasmusson (702-215-9119, parasmusson@gmail.com). Level 2-4 (you decide).

Please see SN CALENDAR, page 11.

ICO youth tackle rock scrambling

BY JEANETTE BUCKLEW

"THE SMILE WILL NEVER LEAVE MY FACE TODAY," was the expression of one young hiker as eleven 6th grade West Prep Academy students, two teacher sponsors, and four ICO leaders hiked to Gateway Canyon in Red Rock Canyon. The route included a 500 foot elevation gain up Five Stop Hill. Playing on a multitude of beautiful rock formations was the highlight of this March 14, 2015 Las Vegas ICO outing, with no one being in a hurry to move on.

Class 3 rock scrambling was a new adventure to most of the students, some of whom eagerly took on the challenge while others were more cautious, needing support and encouragement.

places the movement of the groundwater and the leaching is controlled by the porosity and permeability of the rock, hence the tears and stripes.

The beauty and challenges of nature resulted in several youth encountering and sharing personal issues and challenges. One boy proudly shared that he made up considerable homework in order to be allowed to participate in the outing. Another boy struggled with memories of his deceased father who used to take him hiking, and a young woman talked about missing her mother who is living in Mexico. The opportunity for youth to safely experience and explore feelings in a natural setting with caring adults volunteering their time is a valuable benefit of ICO outings.

Unfortunately, the outing did not conclude before one student stumbled and fell on a buckhorn cholla cactus, leaving a spine stuck in a couple of his fingers. He bravely withstood the

Please see ICO Rock Scrambling, page 11.

All outing participants successfully mastered the journey through Gateway Canyon, negotiating several dry waterfalls and squeezing through rock crevices. The students learned that the beauty of the tear drop and rainbow rocks was created by millions of years of iron being leached out of the red rocks by groundwater moving through the rocks. In



Students gain confidence with rock scrambling.

SOUTHERN NEVADA GROUP

OFFICERS

Chair	Taj Ainlay*	702-906-5741	tajainlay@aol.com
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Secretary	Jane Feldman*		feldman.jane@gmail.com
Treasurer	Desiree Saporito	702-875-2668	
At Large	Open		
At Large	Open		
At Large	Open		
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Conservation	Jane Feldman*		feldman.jane@gmail.com
Endangered Species & Wildlife	Jane Feldman*		feldman.jane@gmail.com
Energy	Jane Feldman*		feldman.jane@gmail.com
Global Warming	Jane Feldman*		feldman.jane@gmail.com
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Outings	Par Rasmusson	702-215-9119	par@mvdsl.com
Outings	Open		
Parks, Refuges	Open		
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Publicity	Open		
Transportation	Jane Feldman*		feldman.jane@gmail.com
Treasurer	Taj Ainlay*	702-906-5741	tajainlay@aol.com
Webmaster	Brian Fadie*	702-265-2644	brianfadie@gmail.com

* ExCom member

S. Nevada Group Calendar

continued from page 10

AUGUST 10 (MONDAY)

New Visitor Center & Cathedral Rock (Spring Mtns NRA, aka Mt. Charleston). About 3 mi RT, 1000 ft gain, mod. strenuous. New Visitor Center is open and Cathedral Rock Trail re-opened this summer. Let's check out new VC and Cold War Memorial, then hike up Cathedral Rock. Great views of Kyle Canyon from top. Also see damage from Carpenter 1 Fire from two years ago. Looking east from Cathedral Rock, why does valley have a U-shape? Leader: geologist Nick Saines (896-4049). Level 3.

AUGUST 16 (SUNDAY)

Bonanza Peak from Cold Creek, Spring Mtns NRA (aka Mt. Charleston). About 6 mi RT, 2800 ft gain. Great hike to top of fifth highest peak in Spring Mtns. Wild horse sightings possible. Roger Olsen (702-506-5475). Level 4.5.

AUGUST 22 (SATURDAY)

Trail Canyon to North Loop, Spring Mtns NRA (aka Mt. Charleston). About 5 mi, 1500 ft gain. Will take most of day -- bring plenty of water and lunch. How has forest been recovered from a fire that occurred in 1940s? Dogs OK. Bill Marr (702-433-0743). Level 4.

AUGUST 24 (MONDAY)

Stanley B. Springs, Spring Mtns NRA (aka Mt. Charleston). About 3 mi RT, 1000 ft gain, mod. strenuous. Great Kyle Canyon hiking trail with a variety of forested terrain from gentle to steep. Why does a spring emerge so high up on mountain? Leader: geologist Nick Saines (896-4049). Level 3½.

AUGUST 30 (SUNDAY)

Rain Tree via North Loop, Spring Mtns NRA (aka Mt. Charleston). About 6-7 mi RT, 1500 ft gain. Beautiful hike through alpine forest to oldest living tree in Spring Mtns: Rain Tree, a 3600 year old bristlecone pine. Roger Olsen (702-506-5475). Level 4.

SEPTEMBER 7 (MONDAY, LABOR DAY)

Fletcher Canyon, Spring Mtns NRA (aka Mt. Charleston). About 4 mi RT, 400 ft gain, Moderate. Very scenic, relatively flat trail in Kyle Canyon that ends in a narrow limestone canyon. What is environment of deposition of limestone? Leader: geologist Nick Saines (896-4049). Level 2.5.

SEPTEMBER 21 (MONDAY)

Pine Creek, Red Rock Canyon NCA. About 4 mi RT, 300 ft gain, mod. strenuous. We return to Red Rock Canyon with an early morning hike to one of most beautiful canyons in Red Rock. We will take either N or S forks at Mescalito Mountain. Some boulder scrambling deep in canyon. Why are there Ponderosa Pines at such a low elevation? Leader: geologist Nick Saines (896-4049). Level 3.

OCTOBER 3, 2015 (SATURDAY)

Cathedral Rock, Kyle Canyon, SMNRA. Family hike. Friendly dogs welcome. Cool Fall temperatures, autumn colors (golden aspen trees), and awesome view of the canyon and surrounding mountains at top of the "Rock." Learn about geology of Spring Mountains. About 2.8 mi RT, 1000 ft gain. Leader: Gary Beckman (648-2983). Level 2-3.

ICO ROCK SCRAMBLING OUTING ...

continued from page 10

paper-wrapped extraction of the spine from his hand with no further complications. Tired, proud and experiencing this challenging outdoor adventure with classmates were common themes among the students at the completion of the outing.

For more info about Las Vegas ICO. Please contact: Betty Gallifent at egallifent@cox.net. Also find us on Facebook at: *Las Vegas ICO*.

Students enjoy a grand view of Gateway Canyon from atop.



DOK. Leader: David von Seggern (775-303-8461; vonseg1@sbcglobal.net). Easy.

AUGUST 5 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. Join us on after-work hikes in Truckee Meadows area. Outings are all about 4-5 mi RT, 600-1400 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs OK; some locations require leash. For more information go to our MeetUp site: www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/. DOK. Leader: Holly Coughlin Co-Leader: Jim Call. Mod. Strenuous.

AUGUST 6 (THURSDAY) 8A

Five Lakes & Two Snow Banks Day Hike. We will be able to touch them all on this hike. Carson Pass area. Hike from ranger station to Frog, Winnemucca, Round Top, Emigrant, Caples Lakes. About 12 mi hike, ONE WAY, with vehicle shuttle. About 1500 ft gain with some X-C/boulder scrambling. Learn a bit about history of emigrant wagon trail. ND. Leader: T A Taro (775-530-2935). Strenuous.

AUGUST 6 (THURSDAY) 5:30P

Moderate Evening Conditioning Hike. Get in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in, around Truckee Meadows. More info: MeetUp site. DL. Leader: Ridge Walker. Mod. Easy.

AUGUST 8 (SATURDAY)

Incline Loop Day Hike. Come join Jeanne, Connie as they lead their first Sierra Club hike. The area is beautiful. About 12 mi, including Incline Lake, Rose Knob, maybe bag peak with Relay. Gain about 2200 ft. Due to length, elevation, this is a "strenuous" hike. Poles, water, lunch, desire to have fun required. Good hiking shoes a must! Dogs on leash OK, just don't forget this will be an all day outing. Leaders: Jeanne Kettler (775-843-9828, Connie Webb, 775-772-4187).

AUGUST 11 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner and moderate hikers. Each week's trail will be easy, not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>. DOK. Leader: David von Seggern (775-303-8461; vonseg1@sbcglobal.net). Mod. Easy.

AUGUST 12 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. Join us on after-work hikes in Truckee Meadows area. Outings are all about 4-5 mi RT, 600-1400 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs OK; some locations require leash. For more information go to our MeetUp site: www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/. DOK. Leader: Jim Call (freneticmarmot@gmail.com). Co-Leader: Holly Coughlin (.). Mod. Strenuous.

AUGUST 13 (THURSDAY) 5:30P

Moderate Evening Conditioning Hike. Get

in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in, around Truckee Meadows. More info: MeetUp site. DL. Leader: Ridge Walker. Mod. Easy.

AUGUST 14 (FRIDAY) TBD

Perseid Meteor Shower Campout in Black Rock. Meet in Reno Friday eve, camp in west part of playa about 20 mi N of Gerlach, 100 mi N of Reno. Learn about Black Rock with experienced visitor! Portapotties, but that's about all. There may be some meals provided. Potluck Saturday night. Meteor shower peaks about 8/12 but there will still be plenty left! New moon will mean good stars! Sign up after 8/1. We'll probably meet up Friday evening, head up. Other activities will likely include visits to nearby natural hot springs, Emigrant Trail. Expect about 100 people at this event sponsored by Friends of Black Rock! ND, easy. Small trailers/RV's OK if you don't mind dust! No sign-ups until after 8/1! ND. Leader: David Book (775-843-6443). Easy.

AUGUST 14-17 (FRIDAY-MONDAY) TBD

Troy Peak (11,298 ft) Backpack. Troy Peak is one of higher, more remote peaks on Great Basin Peaks Section list. Due to major wash out in 2013 it is now more feasible to climb this peak as part of overnight backpack trip. We'll leave early on Friday, drive out to trailhead, backpack about 4 mi up into Scofield Canyon. The next day will also be early start in order to climb peak, then hike back out to cars. Depending on group we may return home on Sunday or do some exploring, drive back Monday. The backpacking part of trip will be moderate, but peak climb will be strenuous (over 3500 ft gain) with some class 2-3 scrambling. Come explore Grant Range Wilderness Area, learn more about Nevada's many other Wilderness Areas. Contact leader for screening, further details. ND. Leader: Larry Dwyer (775-745-6628; kdwyer31@charter.net). Strenuous.

AUGUST 18 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner and moderate hikers. Each week's trail will be easy, not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>. DOK. Leader: David von Seggern (775-303-8461; vonseg1@sbcglobal.net). Mod. Easy.

AUGUST 19 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. Join us on after-work hikes in Truckee Meadows area. Outings are all about 4-5 mi RT, 600-1400 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs OK; some locations require leash. For more information go to our MeetUp site: www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/. DOK. Leader: Holly Coughlin Co-Leader: Jim Call. Mod. Strenuous.

AUGUST 20 (THURSDAY) 5:30P

Moderate Evening Conditioning Hike. Get in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in, around Truckee Meadows. More info: MeetUp site. DL. Leader: Ridge Walker. Mod. Easy.

AUGUST 20 (THURSDAY) 8A

Red Lake Peak, Steven's Peak Day Hike. Scale two peaks over 10,000 ft in elevation on day hike in Carson Pass area. Learn some history of area. Over 2000 ft gain for day in about 6 mi; mostly off trail. Wildflower viewing. For experienced, conditioned hikers. Bad weather cancels. ND. Leader: T A Taro (775-530-2935). Strenuous.

AUGUST 22 (SATURDAY) 6:30A

Mt. Tallac Day Hike. "Tallac" is Native American word for "large mountain." It's the high point on a massive ridge that forms eastern wall of Desolation Valley. About 10 mi, 3300 ft gain. Views of Lake Tahoe, Fallen Leaf Lake, surrounding area. Well-conditioned hikers only, this is a strenuous trip. DL. Leaders: Daniel & Susan Ellsworth (775-741-8384). Co-Leader: Holly Coughlin (775-331-7488). Strenuous.

AUGUST 23 (SUNDAY) 11A

Sierra Club Members' Picnic at Galena

Creek. Join us for day of food and friendship under relaxing pines at Manzanita Group Picnic area at Galena Creek Park. Take 2nd entrance (same as fish hatchery). Picnic, 11-3:30p. Bring potluck dish to share. Hot coals will be available, if you want to grill something. Also, we'll provide cold water, iced tea, paper plates, utensils, napkins. There's a volleyball court for those who want to play a friendly game after eating. Hope to see old and new members alike! DL. Leader: Holly Coughlin (775-331-7488). Co-Leader: Katy Christensen (702-755-2267). Easy.

AUGUST 25 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner and moderate hikers. Each week's trail will be easy, not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>. DOK. Leader: David von Seggern (775-303-8461; vonseg1@sbcglobal.net). Mod. Easy.

AUGUST 26 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. Join us on after-work hikes in Truckee Meadows area. Outings are all about 4-5 mi RT, 600-1400 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs OK; some locations require leash. For more information go to our MeetUp site: www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/. DOK. Leader: Holly Coughlin Co-Leader: Jim Call. Mod. Strenuous.

AUGUST 27 (THURSDAY) 5:30P

Moderate Moonlight Conditioning Hike. Get in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in, around Truckee Meadows. More info: MeetUp site. DL. Leader: Ridge Walker. Mod. Easy.

AUGUST 29 (SATURDAY) 9:30A

Emigrant Lake Day Hike, Mokelumne Wilderness. Meet in Carson City. Great vistas of volcanic peaks, as we wind by Caples Lake, then climb up to Emigrant Lake. About 8 mi+, 1000 ft gain. Learn about flora, fauna along route. Dogs must have leashes, be very well-mannered. Trip limit 12. DOK. Leader: Holly Coughlin (775-331-7488). Co-Leader: Jim Call (freneticmarmot@gmail.com). Mod. Strenuous.

AUGUST 30 (SUNDAY) 8A

Leavitt Peak Day Hike (11,659 ft). Trek from Sonora Pass S along Pacific Crest Trail to 11,659 ft summit of Leavitt Peak. Learn about, see high alpine environment of central Sierra Nevada. Nine mi RT, 2000-ft gain. Mod. strenuous. Trip limit 12. DL. Leader: Ridge Walker. (853-8055). Co-Leader: Jeanne Kettler (843-9828). Mod. Strenuous.

SEPTEMBER 1 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner and moderate hikers. Each week's trail will be easy, not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>. DOK. Leader: David von Seggern (775-303-8461; vonseg1@sbcglobal.net). Mod. Easy.

SEPTEMBER 2 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. Join us on after-work hikes in Truckee Meadows area. Outings are all about 4-5 mi RT, 600-1400 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs OK; some locations require leash. For more information go to our MeetUp site: www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/. DOK. Leader: Holly Coughlin Co-Leader: Jim Call. Moderate.

SEPTEMBER 3 (THURSDAY) 5:30P

Moderate Evening Conditioning Hike. Get in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in, around Truckee Meadows. More info: MeetUp site. DL. Leader: Ridge Walker. Mod. Easy.

SEPTEMBER 8 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner

Please see GB GROUP CALENDAR, page 12.

Range of Light Group Calendar

continued from page 5

ft/day. You should be comfortable with X-C travel with full pack. Also explore Palisades Basin. Advance signup required. Contact: Rob (760-937-0446, robertbaum99@gmail.com).

SEPTEMBER 17 (THURSDAY)

TJ/BARRETT LAKES. Loop trail hike starts at Lake George and swings around Lake Mary. About 4 mi RT, dogs OK. Meet 4:30p, Mammoth Union Bank. Contact: Sally (760-218-0083, sges4d@gmail.com).

SEPTEMBER 20 (SUNDAY)

HISTORICAL TOUR OF FRESNO FLATS TRAIL. Dance with ghosts and listen to stories of days gone by in Mammoth Lakes area. Join historian Robert Joki, president of Mammoth Museum, as he retraces path of 1878 J. S. French (Fresno Flats) Trail as it winds its way down from Mammoth Pass through remains of Pine City and Mammoth City. About 5 mi RT, some easy to moderate X-C hiking. Meet at 10a, Gallery at Twin Lakes parking lot, 2749 Lake Mary Rd, Mammoth Lakes. Contact: Robert, (760-924-7300, Proprietors@TheGalleryAtTwinLakes.com).

SEPTEMBER 24 THURSDAY

MAMMOTH CREEK. Enjoy quiet walk along Mammoth Creek in heart of Mammoth Lakes, well-behaved dogs OK. Meet 4:30p, Mammoth Union Bank, Contact: Sally (760-218-0083, sges4d@gmail.com).

SEPTEMBER 27 (SUNDAY)

BUDD LAKE. Moderate hike, 6+ mi RT, 1600 ft gain. Route is from Tuolumne Meadows along beautiful Budd Creek gorge on unmapped, unmaintained trail, with views of Unicorn, Cockscomb, and Cathedral Peaks. Enjoy forests, granite, and spectacular views. No dogs. Meet Mammoth Union Bank, 8a or 8:45a, Lee Vining Ranger Station on Tioga Road. Contact: Maurica (760-932-7175, Maurica_And@yahoo.com).

SEPTEMBER 28-OCTOBER 1 (MONDAY-THURSDAY)

BACKPACK: MATTERHORN CANYON/CLIMB MATTERHORN PEAK (12,263 FT). Strenuous, 12 mi longest day, max gain/loss 3000 ft/day, 50 mi backpack through jewel of Northern Yosemite, Matterhorn Canyon. Many stream crossings, sub-alpine terrain and glittering lakes. Optional ascent of Matterhorn Peak, Jack Kerouac favorite. Advance signup required. Contact: Rob (760-937-0446, robertbaum99@gmail.com).

and moderate hikers. Each week's trail will be easy, not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>. DOK. Leader: David von Seggern (vonsegl@sbcglobal.net). Mod. Easy.

SEPTEMBER 9 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. Join us on after-work hikes in Truckee Meadows area. Outings are all about 4-5 mi RT, 600-1400 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs OK; some locations require leash. For more information go to our MeetUp site: www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/. DOK. Leader: Holly Coughlin Co-Leader: Jim Call. Moderate.

SEPTEMBER 10 (THURSDAY) 5:30P

Moderate Evening Conditioning Hike. Get in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in, around Truckee Meadows. More info: MeetUp site. DL. Leader: Ridge Walker. Mod. Easy.

SEPTEMBER 10 (THURSDAY) 8A

Thunder Mountain Day Hike, near Carson Pass. About 7 mi RT, with about 2000 ft gain on in-out hike. Scenic views on established trail mostly on ridge line. Learn some history of area. ND. Leader: T A Taro (775-530-2935). Mod. Strenuous.

SEPTEMBER 12 (SATURDAY) 9:15A

Tinker's Knob Day Hike. Fantastic vistas along this part of PCT. About 16 mi RT, 2000 ft gain overall. Pass Sierra Club Benson hut, have lunch on or near peak. Learn about flora, fauna as we trek. Trip limit 12. DL. Leader: Jim Call. (775-420-6363; freneticmarmot@gmail.com). Co-Leader: Holly Coughlin (775-331-7488). Strenuous.

SEPTEMBER 13 (SUNDAY)

Mississippi Canyon Exploratory Hike, Stillwater Mountains. Reschedule of exploratory trip into Mississippi Canyon area at NE end of Stillwater Range. Hikers should be prepared for up to 12 mi RT, as much as 3000-4000 ft gain. (It may be less, but you should be prepared). This canyon is reputed to be one of prettiest places in Stillwaters, home to lovely trout stream. It is also part of Stillwater Mountains Wilderness Study Area (WSA), so we'll learn about its current status and prospects for becoming a Wilderness Area from Friends of Nevada Wilderness. Contact leader for further details. ND. Leader: Larry Dwyer (775-745-6628; kdwyer31@charter.net). Strenuous.

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SEPTEMBER 15 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner and moderate hikers. Each week's trail will be easy, not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>. DOK. Leader: David von Seggern (775-303-8461; vonsegl@sbcglobal.net). Mod. Easy.

SEPTEMBER 16 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. Join us on after-work hikes in Truckee Meadows area. Outings are all about 4-5 mi RT, 600-1400 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs OK; some locations require leash. For more information go to our MeetUp site: <www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>. DOK. Leader: Holly Coughlin Co-Leader: Jim Call. Moderate.

SEPTEMBER 17 (THURSDAY) 5:30P

Moderate Evening Conditioning Hike. Get in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in, around Truckee Meadows. More info: MeetUp site. DL. Leader: Ridge Walker. Mod. Easy.

SEPTEMBER 19 (SATURDAY) 8:30A

Genoa Loop Day Hike. Genoa has a rich history in Nevada and a nice trail system. Hike moderately strenuous trail overlooking city, valley beyond. The trail starts out steep, levels off for couple of mi, then drops back to valley floor. About 8 mi RT, gain roughly 1800. Poles recommended, as there's lots of water. Bring lunch, we'll relax on trail to refuel. Dogs on leash OK. DL. Leader: Connie Webb (7750772-4187). Co-Leader: Jeanne Kettler (775-843-9828). Mod. Strenuous.

SEPTEMBER 22 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner and moderate hikers. Each week's trail will be easy, not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>. Leader: David von Seggern (775-303-8461 DOK. Leader: David von Seggern (775-303-8461; vonsegl@sbcglobal.net). Mod. Easy.

SEPTEMBER 23 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. Join us on after-work hikes in Truckee Meadows area. Outings are all about 4-5 mi RT, 600-1400 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs

OK; some locations require leash. For more information go to our MeetUp site: www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/. DOK. Leader: Holly Coughlin Co-Leader: Jim Call. Moderate.

SEPTEMBER 24 (THURSDAY) 8A

Machado Post Piles: Fire & Ice? Day hike in Carson Pass area. Existence and location of these natural hexagonal basalt columns were not confirmed until about 1990. They are similar to, but believed to be millions of years older than, Devils Postpiles near Mammoth. That's 'fire'. 'Ice' is evidenced by numerous large erratics near beginning of hike, with glacial striations. About 5 mi on in, out with about 800 ft gain. Not on trail. ND. Leader: T A Taro (775-530-2935). Mod. Strenuous.

SEPTEMBER 24 (THURSDAY) 5:30P

Moderate Moonlight Conditioning Hike. Get in shape after work with evening conditioning hike of 4-6 mi at brisk pace. Gain up to 1000 ft. Discover trails, learn about nature, geology in, around Truckee Meadows. More info: MeetUp site. DL. Leader: Ridge Walker. Mod. Easy.

SEPTEMBER 29 (TUESDAY) 5:30P

Tuesday Evening Hike. Geared to beginner and moderate hikers. Each week's trail will be easy, not much gain. Time in 1-2 hour range, distance will be 2-4 mi. Check our MeetUp site for details every week: <http://www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/>. Leader: David von Seggern (775-303-8461 DOK. Leader: David von Seggern (775-303-8461; vonsegl@sbcglobal.net). Mod. Easy.

SEPTEMBER 30 (WEDNESDAY) 5:30P

Wednesday Conditioning Hike. This is our last after-work hike this fall. Outing will be about 4 mi RT, 500 ft gain. Bring plenty of water, clothing for weather; good trail shoes recommended. Well-mannered dogs OK; some locations require leash. For more information go to our MeetUp site: www.meetup.com/Sierra-Club-Hiking-Reno/events/calendar/. DOK. Leader: Holly Coughlin Co-Leader: Jim Call. Moderate.



DEADLINE!
SEPTEMBER 1
FOR OCT-NOV-DEC ISSUE



Toiyabe Chapter ExCom Meetings

July 18, 2015
Mammoth Lakes, CA
For details, contact the Chair,
DAVID VON SEGGERN
vonsegl@sbcglobal.net
775-303-8461

All Toiyabe Chapter members are welcome to attend these meetings, which usually begin at 9 am. We reserve a time slot for input from members; if you have an issue on which you want to address the ExCom, please attend. For ExCom members' contact info, see the Chapter Directory on page 2.



Strengthen Salmon

Wild salmon and steelhead of the northwest coast are a treasure to our nation. In the early 19th century, salmon were so abundant that the Columbia River system saw 16 million salmon returning each year alone. Habitat destruction, dams, over-fishing and pollution are threatening the survival of the salmon. Only one percent of wild salmon return to these vulnerable waters today. Help Sierra Club fight to protect wild salmon.

Swim Up & JOIN Sierra Club

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Membership Categories	Individual	Joint
Special Offer	<input type="checkbox"/> \$ 15	N/A
Standard	<input type="checkbox"/> \$ 39	<input type="checkbox"/> \$ 49
Supporting	<input type="checkbox"/> \$ 75	<input type="checkbox"/> \$ 100
Contributing	<input type="checkbox"/> \$ 150	<input type="checkbox"/> \$ 175
Life	<input type="checkbox"/> \$ 1000	<input type="checkbox"/> \$ 1250
Senior	<input type="checkbox"/> \$ 25	<input type="checkbox"/> \$ 35
Student	<input type="checkbox"/> \$ 25	<input type="checkbox"/> \$ 35
Limited Income	<input type="checkbox"/> \$ 25	<input type="checkbox"/> \$ 35

Contributions, gifts & dues to Sierra Club are tax deductible; they support our effective, citizen based advocacy and lobbying efforts. Your dues include \$ 7.50 for a subscription to SIERRA magazine and \$ 1.00 for your Chapter newsletter.



Join today and receive a FREE Sierra Club Weekend Bag!

Enclose a check and mail to: Sierra Club, PO Box 421041, Palm Coast, FL 32142-1041 or visit our website: www.sierraclub.org