

Up Close And Personal


WTC Newsletter
Newsletter of the Wilderness Training Committee

www.angeles.sierraclub.org/wtc
Vol 20, No. 3 / Summer 2009

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See page 8 for contact info

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The WTC Newsletter is published quarterly for students and staff of the Wilderness Training Committee and delivered via U.S. mail or distributed at class sites. It's also available in color on the WTC website:

www.angeles.sierraclub.org/wtc as a download in PDF format. All questions, copy and photo submissions should be directed to Kay Novotny, WTC Newsletter Editor at (562) 860-4078, or emailed to: knovotny27@gmail.com

WTC Info Line 310-967-2029

On The Cover

Photos by Gary Novotny



Gary Novotny explores the finer points about taking great photographs in the wilderness.

Graduations

Graduations are currently scheduled for October 17 and 18. This schedule is subject to change, and additional information will be available in the next WTC newsletter. Stay in touch with your group leader for more info.

Trips Liability Notice

Liability Waiver Notice To participate in a Sierra Club outing, you will need to sign a liability waiver. To see a copy of this waiver prior to attending the outing, please see www.sierraclub.org/outings/chapter/forms, or contact the Outings Department at (415) 977-5528 for a printed version

Transportation Notice In the interests of facilitating the logistics of some outings, it is customary that participants make voluntary carpooling arrangements. The Sierra Club does not have insurance for carpooling arrangements and assumes no liability for them. Carpooling, ride sharing or anything similar is strictly a private arrangement among participants. Participants assume the risks associated with this travel.

California Sellers of Travel Disclaimer: CST 2087766-40. Registration as a seller of travel does not constitute approval by the State of California.

Headline Deadline

For publication in the Fall 2009 WTC Newsletter:

Aug 20 Last day for trips to be submitted to the WTC Outings Chair for inclusion in the next WTC newsletter (Volume 20: Issue 4 - Sept.). Provisional trips and leaders should already have an LTC review. Restricted trips should prepare a Mountaineering Application.

Nov 15 Last day for trips to be submitted to the WTC Outings Chair for inclusion in the next WTC newsletter (Volume 21: Issue 1 - First Class.). Provisional trips and leaders should already have an LTC review. Restricted trips should prepare a Mountaineering Application

Jul 9 Last day for trips to be submitted to the WTC Outings Chair for publication in next Angeles Chapter Schedule 312 (Nov 1 - Feb 28). Provisional trips and leaders should already have an LTC review. Restricted trips should prepare a Mountaineering Application

Nov 9 Last day for trips to be submitted to the WTC Outings Chair for publication in next Angeles Chapter Schedule 313 (Mar 1 - Jun 30). Provisional trips and leaders should already have an LTC review. Restricted trips should prepare a Mountaineering Application

Up close and personal

Wilderness photography - Text and photos by Gary Novotny

This article is the first in a series in which I will discuss photographic techniques that can be used in the wilderness. I will assume that you own or have access to a digital camera that you take along while hiking. These series of articles will be of interest to those of you who wish to improve the current quality of your photographs. By following these recommendations, you will be able to start taking many more "good" pictures and even some occasional "great" pictures. This first article is about capturing your subject using an extreme close up shot.

Please note that the photographs shown in this article may lose some clarity due to the limitations of embedding photos in a PDF document. If you wish to see the originals from any of these pictures, just email me at knovotny27@gmail.com. All of these photos (except for the "Camera Types") were taken by me using my Canon PowerShot.

Why talk about extreme close ups? Well, these types of photographs show a whole new world. Let's start with a photo taken a few feet away from the subject. This is a very nicely composed photo showing a Coast Prickly-pear (*Opuntia littoralis*) with a web off to the side. This is about as close as most photographers will go.







Continued on page 11...

Outings

To reserve your place on an outing, follow the instructions listed in the trip description and provide all information requested by the leader. If a sase (self addressed stamped envelope) is requested, send a 9.5 x 4 inch envelope along with your other information. Typical requested information includes name, address, home & work phone numbers, WTC leader's name, name and date of outing you wish to join, your experience and physical conditioning. You may be placed on a waiting list if the number of persons interested in the desired trip is large. If you change your plans, it is very important that you contact the leader to let them know your revised plans, even if you are on the waiting list.

Please see Outings Leader Directory on page 8 for SASE and contact information. **NEW!** - Indicates a new trip not published before.

-  Trips which qualify as WTC experience trips are identified by a backpack logo.
-  Outings of interest will be identified by binoculars. These do not qualify as WTC experience trips, but they are very interesting.
-  Training opportunities are identified by a book. WTC students should find many of these trips within their abilities. Snow travel training will require prior experience.
-  Last, but not least, the gnarly trips are identified by an ice-axe and crampons. These are technically challenging trips - typically not suited to WTC students. Strong WTC students with prior mountaineering experience may qualify.

June

Jun 20-21/Sat-Sun Sierra Peaks, WTC MR/Mt McAdie (13,799')

Sat. hike 3880' elevation gain to Consultation Lake at 11,680'. Sun climb to Arc Pass 13,120'. From pass climb McAdie, 3rd class rock near summit. Return to camp and out to cars. June could be a snow climb. Restricted to SC membership, experience with 3rd class rock, ice ax and crampons, waiver and medical questionnaire. Send sase or email with experience and conditioning, H&W phones, rideshare info to Ldr: Barbee Tidball. Co-Ldr: Kathy Rich.

Jun 19-21/Fri-Sun **NEW!** WTC MR/Mt Shasta (14,179')

Adventuresome trip to one of California's premier 14,000' peaks in the southern Cascade range. Thursday afternoon hike in a short distance from Bunny Flat trailhead (6,900') to Horse Camp (7,900'). Friday hike in 2 miles and 2,500' gain to camp at Helen Lake (10,443') via Avalanche Gulch (John Muir Route). Saturday alpine start and climb of Mt. Shasta, 3 miles and 3,700' gain. Saturday afternoon pack out to cars. Restricted to Sierra Club members with ice axe and crampon experience. Helmet, ice axe, and crampons required along with snowshoes and other snow gear. Medical information forms also required. Strict Leave No Trace (LNT) ethics will be followed, including pack out of human waste. Summit success dependent on snow conditions and weather. \$20 climbing summit permit fee required at trailhead. Send climbing resume, recent conditioning, altitude experience, sase/esase, H&W phones, rideshare info to Ldr: Gerard Lewis (ahumada@aol.com). Asst: Anne-Marie Richardson.

Jun 20/Sat **NEW!** Long Beach, WTC O/San Bernardino Pk (10,649')

Enjoy hiking a gradual although unrelenting but otherwise nice and usually well-maintained scenic trail in our local San Gorgonio Wilderness. Moderately-paced, but 16 miles total, with 4700' gain and maybe snow near summit. We'll also visit the 1852 survey monument. Permit limits group size. Forest parking permit required. Contact Ldr: John Hinz, or Co-Ldr: Jeff Kenyon.

June continued

Jun 20-21/Sat-Sun WTC I/Jean Pk (10,670'), Marion Mtn (10,320'), and Tahquitz Pk (8846')

Moderately paced 15 mi rt, 1824' gain for San Jacinto Mountains Peak Bagging: From Humber Park in Idyllwild climb the Devils slide Trail to Saddle Junction, drop packs at our camp site location near Saddle Junction. With day pack climb Tahquitz Pk. Return to packs and set up camp for Sat night happy hour and overnight. Sun morning climb Marion and Jean. Return to campsite to pick up packs and return to Humber Park via the Devils Slide Trail. Send email with experience to Ldr Bill Payne at leakycanoe@yahoo.com. Asst: Mark Roberts.

Jun 26-28/Fri-Sun WTC, Sierra Peaks I/Angora Mtn (10,198'), Coyote Pk (10,892')

Strenuous 37 mile backpack to the Great Western Divide to two seldom visited peaks. Friday start at Lloyd Meadows trailhead north of Johnsonville and pack in to camp (11.2 mi, 3,300' gain). Sat climb class 2 Angora and Coyote in 16 mi and 5,000' of gain, on trail and cross country. Sun head back to the cars and well earned foot massage. Send email (preferred) or SASE with conditioning/experience to Ldr: Paul Garry. Asst: Tina Bowman

Jun 27/Sat WTC O/Leave No Trace Workshop

Join us for a short hike in Griffith Park to learn more about using Leave No Trace ethics in your outdoor activities. The workshop strives to educate all those who enjoy the outdoors about the nature of their recreational impacts as well as techniques to prevent and minimize such impacts. Material will be provided. Includes Environmental Awareness credit for prospective I rated leaders. Meet 8:30 am at Griffith Park Ranger Station, 4730 Crystal Springs Drive. All day workshop, will end at 4:00 pm. \$5 fee for materials. Space limited, contact Ldrs for reservation. Bring water, lunch, notebook and pen. Rain cancels. Contact Ldr: Gerard Lewis Co-Ldr: Melody Anderson

Jun 27/Sat Long Beach, WTC I/Dragon's Head (10,866'), Bighorn Mountain (10,997')

Enjoy our local San Gorgonio Wilderness, learn of its flora and fauna. Moderately-paced hike, but 11 miles on trail, 4 miles cross-country, with 5600' total gain. Permit limits group size. Contact Ldr: John H. with resume of recent hiking experience. Co-Ldr: Sherry Ross

June continued


Jun 27-29/Sat-Mon  **WTC, HPS, Long Beach**
I/San Gorgonio Mtn (11,490'), Big Horn (10,997'), Dragon Head (10,866')

Bag the highest peak in Southern California and a couple of its neighbors at a saner pace than usual. Backpack via Vivian Creek 4.8 mi, 3360 ft gain to High Creek. Enjoy Happy Hour and a good night's sleep before tackling our peaks on Sun, approximately 13.5 mi, 2900 ft gain on and off trail over steep, rocky terrain, then pack out on Monday. Permit limits group size. email/esase leader with recent conditioning, experience, and your WTC Group Leader's name if applicable. Ldr: Sharon Moore, Co-Ldrs: Jane Simpson, Bruce Michaels.

Jun 27-28/Sat-Sun  **WTC**
I/Mt Goode (13,085')

Sat backpack from South Lake to Saddleback Lake (5 mi, 1500' gain); Set Camp and hike to Bishop Pass to enjoy the panoramic view. (3.5 mi rt 900' gain) Sat evening happy hour at camp. Sun climb Goode (4 mi rt 2000' gain) return to camp and hike out 5 mi. Send email, phones, address, experience, current conditioning, rideshare info and \$5 permit fee to Ldr Rod Kieffer. Co Ldr Jack Kieffer, K.C Reid.

July

Jul 10-11/Fri-Sat  **100 Peaks, PV - South Bay, WTC**
O/Palm Springs Tram (8450'), Mt San Jacinto (10,804') Moonlight Hike

Strenuous hike, 10 mi, 8300' gain to tram with additional 10 mi rt, 2400' gain to the peak. We'll start hiking before midnight Friday. With the advent of the moonlight aspect of the hike, we've been getting many more successful peak baggers, so we'll attempt to have two groups, hopefully both SJ bound, one faster, the other naturalizing along the way. Of course, any who wish can head back down at the tram after a mere 8300' gain. Bring money for tram ride and taxi back to cars. Send email (preferable - bholchin@cox.net) or sase with carpool info, cond/exper to Ldr: Barry Holchin. Co-Ldrs: Wayne Vollaie, Kent Schwitkis. [Please note that this is an extremely difficult hike. Discuss your preparation with the leader. - WTC Outings Coordinator]

Jul 10-12/Fri-Sun  **WTC, 20s&30s**
I/Mt Goode (13,085')

This is why we take WTC! Join us for a Sierra high altitude adventure with spectacular lakes, waterfalls, stunning vistas, wildflowers, some nav practice, swimming, time to relax as well as bagging a 13'er for good measure. Frid backpack to Saddlerock Lake, 5 mi, 1400 ft gain. Sat enjoy gorgeous views with climb of Mt Goode, 4 mi rt, 1900 ft gain via class 2 route, and return to camp for legendary happy hour. Sun pack out. \$10 trip fee. Will serve as an experience trip for WTC students. Send WTC group and leader (if applicable), recent conditioning and experience, H&W phones, email address, and rideshare info to leader(s). Ldr: Steven Berson. Co-Ldr: Sridhar Gullapalli.

Jul 10-12/Fri-Sun **NEW!**  **WTC, Sierra Peaks**
MR/Mt Ritter (13,143')

Friday backpack 6 miles gaining 1,200' from Agnew meadows to camp at Ediza Lake. Saturday climb 3,700' to the summit of Mt Ritter and back to camp, 4.5 mi rt. Sunday hike out. Participants must be Sierra Club members with experience with ice axe and crampons. Send recent experience and conditioning to Ldr: Daniel Kinzek. Asst: Ron Campbell.

July

Jul 11/Sat **NEW!**  **WTC**
O/Echo Mtn (3207')

Join us for short and educational hike to the historic railway and resort site at Echo Mountain. 5 mi rt, 1400' elevation gain. Meet 7 am at N end of Lake Ave in Altadena with minimum 1 liter water, snacks, lugsoles, hat, & 3 historical facts about the mountain. Ldr: Gee Nam, Asst: Ann Pedreschi-Shields.

Jul 11-12/Sat-Sun  **Long Beach, WTC**
M/Jepson Pk (11,205'), Charlton Pk (10,806'), Little Charlton Pk (10,696')

Enjoy our local San Gorgonio Wilderness; gain experience on class 3 rock; climb So. Calif's 2nd-highest pk. Sat, comfortably paced trail hike from South Fork to base camp, 6.5 mi, 2600' gain. Sun bag Charlton via class 3 route then hike the others, 2 mi xc, 2300' gain. WTC/equiv. reqd. Send 2 sase, phone & carpool info, and name of SC leader as reference to Ldr: John H., Asst: Mike Adams.

Jul 11-13/Sat-Mon  **Sierra Peaks**
I/Red Slate Mtn. (13,123')


SPS Intro trip geared to WTC students and prospective SPSers. Relaxed, causal, and enjoyable. Sat backpack up McGee Creek to McGee Lakes at 11,040', 6 1/2 mi, 2900' gain. Sun climb class 1 Mountaineers Peak, 4 mi rt, 2,200' gain, considerable cross country. Mon hike out. Legendary community happy hour Sat and Sun eve. Send sase with \$5.00 permit fee, recent conditioning and high altitude experience, H, Cell & W phones, ride share info to Ldr: Patty Kline. Asst: Jim Fleming.

Jul 14/Tue **NEW!**  **WTC**
O/Nike Base Rendez-Vous Hike #1

WTC Introductory Hike: Westridge Rd to Nike Base; Caballero Cyn to Nike Base: Learn about the Wilderness Travel Course on this 7 mi rt, 1000 feet gain hike in the Santa Monica Mts. The hike will include info on the ten essentials of safe mountain travel. Bring headlamp or flashlight. Westsiders Meet 6:30 pm end of Westridge Rd (Sunset Blvd to Mandeville Cyn Rd, N 1/4 mi to Westridge Rd, L to end); observe street parking restrictions. Valley-ites meet at Cabellero Cyn trailhead on Reseda Blvd. at 6:30 pm (from 101 Ventura Fwy take Reseda Blvd 1.9 mi south across from Braemar County Club); free street parking. Ldrs: Robert Myers, George Denny, Marc Hertz, Jane Simpson.

Jul 17-19/Fri-Sun  **WTC**
I/Arrow Pk (12,958')

Strenuous and challenging backpack to climb an SPS Mountaineer's Peak. Fri: backpack from trailhead, over Taboose Pass to Bench Lake (11.5 miles, 6200' gain). Sat: climb class 2 route to Arrow Peak (6 miles, 2600' gain). Sun: pack up and return to trailhead (11.5 miles, 1100' gain). Must be comfortable with altitude and significant mileage (29 miles and 10,000' gain total). Send email with conditioning, recent hiking experience and WTC leader name (if applicable) to Ldr. Regge Bulman, Co-Ldr Sarah Myers.

Jul 18-19/Sat-Sun  **WTC**
I/Muriel Pk (12,937')

Enjoy southern Humphries Basin and a climb of Muriel Peak via Alpine Col. Geared toward WTC students. Total distance for the weekend about 18 mi round trip, elevation gain/loss about 3,800'. Permit limits group size. Send name, contact & conditioning information, \$5 check made out to "WTC" to Ldr: Sherry Ross. Co-Ldr: Kent Schwitkis.

July continued

Jul 18-19/Sat-Sun



WTC

I/Tyee Lakes, Table Mountain, Thompson Lake and Peak 12,744'

Introductory Sierra backpack in an alpine lake area. On Sat we will backpack from Bishop Creek to the Tyee Lakes, about 2.5 miles and 1800' gain to make our camp near one of the lakes. We will then continue on the trail to the top of Table Mtn to explore the land features, flora and fauna and practice our navigation skills. Return to base camp to swim, fish, relax and have a happy hour and potluck dinner. On Sun morning we will hike cross-country 2.5 miles and 2200' to Thompson Lake and Peak 12,744'. Return to break camp and pack out to the trailhead. WTC or equivalent experience required. Send email with WTC info and group, recent experience to Ldr: Charles Irving Co-Ldr: Jane Simpson

Jul 24-27/Fri-Mon



WTC, Sierra Peaks

MR/Mt Ruskin(12,920'), Cardinal Mtn (13,296'), Striped Mtn (13,179'), Goodale Mtn (12,772')

From basecamp near Taboose Pass, climb four SPS list peaks. Friday, strenuous hike to Taboose Pass (6,000' gain) and camp near pass. Sat ascend Ruskin via east ridge route, class 3. Return to camp. Sun ascend Cardinal Mtn, then over to conquer Goodale and Striped before ending the day back at camp on Taboose. Monday brings a long descent back to trailhead. Helmet and class 3 rock experience required. Restricted to Sierra Club members. Completed medical form required. \$5 permit fee at trailhead. Send email/sase with experience/conditioning and SC# to Ldr: Bob Draney. Asst: Dan Richter.

Jul 25-26/Sat-Sun **MOVED TO AUG 8-9**

WTC

I/Mt. Gould (13,005'), Mt Rixford (12,887')

Enjoy a challenging overnight backpack in the Sierra 13 mi rt, 5700' gain. Hike from Onion Valley to below Kearsarge Pass (3.2 mi, 2000') on Sat, then rest and acclimatize. Early start Sun, over Kearsarge Pass to Mt. Rixford, then Mt. Gould (but not summit blocks) and back to camp. Return to the trailhead by sundown. Must be comfortable with strenuous Class 2 hiking at elevation. Send email with contact information, experience and conditioning to Ldr: Regge Bulman. Co-Ldr: Robert Myers.

Jul 25-26/Sat-Sun



Sierra Peaks, PV - South Bay, WTC

I/Mt Baldwin (12,615')

Pack in 5 mi, 2200' gain to Mildred Lake via spectacular Convict Canyon and set up camp. We'll then decide whether to ascend the peak (2 mi, 2200' gain), or wait till next a.m. Happy hour Sat eve. in any case. Send email (preferable - bholchin@cox.net) or sase with carpool info, recent cond/exp to Ldr: Barry Holchin. Co-Ldr: Neal Robbins.

Jul 25-26/Sat-Sun



WTC

I/Mt Stanford (N) (12,838')

Moderately paced 15 mi round trip, 4000' elevation gain. Sat backpack from Rock Creek to Hilton Lakes, 5 mi 1500' gain. Good fishing at Hilton Lakes and a great location for our Sat night happy hour. Sun it's up before dawn for a long day including a climb to the moonscape of Mt Stanford (5 mi rt xc, 2500' gain) followed by a 5 mi pack out to our cars at Rock Creek. Send email with experience to Ldr Bill Payne at leakycanoe@yahoo.com. Asst: John Cyran.

July continued

Jul 25-27/Sat-Mon



Sierra Peaks

I/Cirque Peak(12,900')

SPS introductory trip in eastern Sierra geared to prospective SPSers and WTC students. Relaxed and enjoyable pace. Sat. Backpack from Horseshow Meadows at 10,000' to Long Lake at 11,160' (6 mi, 1200' gain). Sat evening legendary community happy hour. Sun climb class 1 Cirque Peak (5 mi rt, 1800' gain). Sun evening legendary community happy hour. Mon hike out 6 mi, 1200' loss. Send sase with \$5.00 permit fee, conditioning and high altitude experience, home, cell & work phones, ride share info to Ldr: Patty Kline. Asst: Joe Wankum.

Jul 31 - Aug 2/Fri-Sun



WTC

I/Mt Stanford (N) (12,836')

Fri leisurely paced hike from Rock Creek to camp at Hilton Lakes, 5 mi, 1500' gain. Relax and enjoy Hilton Lakes...and happy hour! Sat, boulder hop and talus climb our way to the summit, 5 mi rt, 2500' gain, then back to lakes for another group happy hour. Sun pack out, 5 mi to cars. Send email experience/conditioning to Ldr: Nicole Bunni. Asst: Kim Homan.

Jul 31-Aug 2/Fri-Sun



WTC

I/Mt Pickering (13,485')

WTC experience trip, eastern Sierra out of Lone Pine. Strenuous long days, excellent conditioning a must with some recent high altitude experience. Fri hike over Cottonwood Pass approximately 11 mi, 1600' gain to base camp near Rock Creek Lake, Fri. evening happy hour. Sat early start for Mt Pickering, up slab and talus on east ridge, 4 mi rt, 1800' gain. Must be comfortable with class 2 climbing. Return to camp for some r&r. Sun hike out to cars. Send resume, experience and WTC leader name/group to Ldr: Cheryl McMurray. Asst: Ron Campbell.

August

Aug 1-3/Sat-Mon



WTC

I/Sawtooth Pk (12,393'), Needham Mtn (12,520')

Sat backpack to 4.2 mi, 2580 gain to Monarch Lakes, set up camp, Sun climb Sawtooth Pk and Needham Mtn, 8 mi rt, 2880 gain. Mon break camp and backpack back to trail head. Send sase/email, conditioning/experience, phones, rideshare, info to Ldr: Jack Kieffer. Co-Ldrs: Rod Kieffer, KC Reid.

Aug 2/Sun **NEW!**



LTC, WTC, HPS

I/Mt. Pinos Navigation

Navigation noodle in Los Padres National Forest for either checkout or practice to satisfy Basic (I/M) or Advanced (E) level navigation requirements. Send email/sase, contact info, navigation experience/training, any WTC, leader rating, rideshare, to Ldr: Robert Myers. Asst: Kim Homan

Aug 7-9/Fri-Sun **NEW!**



WTC

I/Mt Davis (12,311')

Fri moderate backpack 8.5 mi via River/Low Trail from Agnew Meadows to camp at picturesque Thousand Island Lake (9840') in Ansel Adams Wilderness near Mammoth Mtn, total gain 1500'. Sat climb class 2 route to Mt Davis from North Glacier Pass in 6 mi rt, 2,500' gain cross country for pretty alpine views of Banner Peak and Lake Catherine along the way. Sun pack out via beautiful scenic High/PCT (Pacific Crest Trail) with great views of the Minarets and many wildflowers. WTC or equivalent required. Shuttle bus fee of \$7 from Mammoth Mt ski area to trailhead required. Send sase or email (preferred), H&W phones, recent experience and conditioning, rideshare info to: Ldr: Gerard Lewis. Co-Leader: Bruce Michaels.

August continued

Aug 8-9/Sat-Sun



Wilderness Adventures, WTC

I/Cloudripper (13,465')

Experience trip for WTC students or equivalent. Join us to visit the South Lake area and climb Cloudripper peak in the summer time. Enjoy the grand views of the North Palisades and other peaks in the nearby John Muir Wilderness. Sat backpack from South Lake area to camp, 3+mi, 1750' gain. Sun climb Cloudripper peak 4 mi rt, 2500' gain. Then pack out late afternoon. Sun climb will be moderately paced, but is a strenuous high elevation hike with rock hopping and scree debris to pass thru. Good conditioning is a MUST. Send sase or email with recent experience & conditioning, H&W phones, and rideshare info to Ldr: Doan-Trang Tran. Asst Ldr: David Coplen.

Aug 8-9/Sat-Sun



WTC, Hundred Peaks

I/Grinnell Mtn (10,284'), Lake Pk (10,161'), 10,000 Ft Ridge (10,094')

Moderate backpack to three peaks in the San Geronio Wilderness. Sat hike 7 mi, 2700' gain to Dry Lake and set up camp. Sat evening happy hour. Sun 6 mi, 1800' gain xc to peaks, then pack out. Send experience/conditioning, phones, email, rideshare, email to Ldr: Victoria Overbey. Asst: Jack Kieffer.

Aug 8-9/Sat-Sun



WTC, Sierra Peaks

MR/Mt Robinson (12,967')

Tired of peaks on lists? Join us as we climb the nether regions of unlisted Sierra Peaks. Sat backpack 8.5 mi, 2800' gain to Sam Mack Mdw. Sun climb 1 mi, 2000' SE Face to summit, then back to camp and pack out. This is a 3rd class rock climb requiring Sierra Club membership, waiver and medical questionnaire. Send esase or 2sase, resume, recent experience and conditioning, phone to Ldr: Eric Scheidemantle. Asst: Ron Campbell.

Aug 8-9/Sat-Sun *MOVED FROM JUL 25-26*



WTC

I/Mt Gould (13,005'), Mt Rixford (12,887')

Enjoy a challenging overnight backpack in the Sierra 13 mi rt, 5700' gain. Hike from Onion Valley to below Kearsarge Pass (3.2 mi, 2000') on Sat, then rest and acclimatize. Early start Sun, over Kearsarge Pass to Mt. Rixford, then Mt. Gould (but not summit blocks) and back to camp. Return to the trailhead by sundown. Must be comfortable with strenuous Class 2 hiking at elevation. Send email with contact information, experience and conditioning to Ldr: Regge Bulman. Co-Ldr: Robert Myers.

Aug 8-10/Sat-Mon



Sierra Peaks

I/Four Gables (12,720')

SPS introductory trip in eastern Sierra geared to prospective SPSers and WTC students. Relaxed and enjoyable pace. Sat backpack from North Lake over Piute Pass to Lower Desolation Lake at 11,157', 8 mi, 2000' of gain. Sun do Four Gables in 8 mi rt, 1500' of gain with use trail and x-country, some class 2 on pk. If time, for those interested a possible climb of Pilot Knob North. Legendary community happy hours Sat and Sun evenings. Send sase with \$5.00 permit fee, recent conditioning and high altitude experience, H, Cell & W phones, ride share info to Ldr: Patty Kline. Asst: Kent Schwitkis.

Aug 14-16/Fri-Sun



WTC, Sierra Peaks

I/Mt Langley (14026')

Relaxed but moderately strenuous backpack to bag the southernmost 14er in the United States. Late Fri morning backpack to Upper Cottonwood Lake from Cottonwood Lakes Trailhead, 6 mi, 1200' gain. Summit on Sat, 7 mi rt with 3000' gain, followed by celebratory happy hour. Relaxed hike out to reach TH early afternoon Sun. Send esase/sase, email, phone, recent conditioning/experience, & altitude experience (WTC leader if applicable) to Ldr: James Montross, Asst: Gary Bickel.

August continued

Aug 14-16/Fri-Sun



WTC

I/Thousand Island Lake, Peak 10,571'

Friday backpack 8 mi, 2000' gain to camp at picturesque Thousand Island Lake in Ansel Adams Wilderness near Mammoth. Saturday climb cross country, class 2 route to Peak 10,571', 6 mi rt, 800' gain. Sunday pack out. Shuttle fee of \$7 from Mammoth Mountain to Agnew Meadows trailhead required. Send email (preferred) or sase, with contact info & recent conditioning to Ldr: Robert Myers. Co-Ldr: Sarah Myers.

Aug 14-16/Fri-Sun



Wilderness Adventures, WTC

I/Lake Sabrina to Dingleberry Lake (10,489') Backpack

Start Fri AM for moderate 5 mi backpack (1800' gain) to camp at Dingleberry Lake. Sat xc exploratory of spectacular lakes in glaciated Sabrina Basin followed by group Happy Hour. Sun, a relaxed departure out. Send 2 checks (Payable Wilderness Adventures: \$5 for permit fee, and \$15 -returned at trailhead - to hold reservation), 2 SASE or email with recent backpacking/conditioning info, H, C & W phones to Ldr: George Denny. Co-Ldr: Adrienne Benedict

Aug 14-16/Fri-Sun *NEW!*



WTC

MR/Whorl Mtn (12,033'), Matterhorn Pk (12,264')

Fri meet at Mono Village trailhead & backpack up Horse Creek, 3500' gain. Strenuous, trail-less, bushwhack to camp at around 10,600' elevation. Fri pm climb Matterhorn, about 1550' of gain from camp. Sat climb Whorl approximately 1400' gain from camp. Sun backpack out to cars and home. These 2nd and 3rd class rock climbs require Sierra Club membership, experience with rock, waiver and medical questionnaire. Send e-mail with experience and conditioning, \$5 permit fee, H&W phones and rideshare information to Ldr: Allison Dryden. Asst: Tom McDonnell.

Aug 15-16/Sat-Sun



WTC

I/Mt Silliman (11,188')

Sequoia NP backpack. Sat pack in from Lodgepole, 3.5 mi, 2000' gain to Silliman Lake. Climb class 2 granite friction slabs en route to lake, comfort with friction hiking on steep granite slabs is required. Set up camp, climb pk 4 mi rt, 2400' gain, return to camp for group happy hour. Sun pack out. Send sase/esase, H&W phones, recent backpacking and conditioning info to Ldr: Linda Campbell. Asst: Neal Robbins.

Aug 16-22/Sun-Sat



Mule Pack, Sierra Peaks, WTC

O/I/Bernice Lk Mule Pack, Vogelsang Pk (11,516'), Mt Florence (12,561')

Use Bernice Lake your base camp. Hired packers carry 50 lbs of your gear from Tuolumne Meadows trailhead to camp. Sun morning hike 11mi, 2600' gain with your day pack over Tuolumne Pass (9992') and Vogelsang Pass (10,670') to camp at 10,200'. This will be a superior peak bagging opportunity with Vogelsang Peak, Mt Florence, and possibly others. Many streams, lakes, a few trails, and many cross country options in area for strong hikers. Mon-Fri hike, climb peaks, photo, fish, or relax in camp. Enjoy nightly organized potlucks with wine provided. Sat hike out. \$270. Due to logistics of obtaining backcountry permits in Yosemite National Park, date of this trip is subject to change. Note reserve/cancel policy at http://angeles.sierraclub.org/mps/Reservation_Policy.htm. To apply, complete Participant Medical Form found at <http://angeles.sierraclub.org/ltr/forms.html> and email your recent high altitude and distance conditioning to Co-Ldr: Sandy Sperling. Co-Ldrs: Peter Lara, Laura Joseph.

Outings Leader Directory

Please contact the newsletter editor, Kay Novotny, at knovotny27@gmail.com, or call the WTC info line at 310-967-2029 for leader contact information.

August continued

Aug 19/Wed NEW!



WTC

O/Nike Base Rendez-Vous Hike #2

WTC Introductory Hike: Westridge Rd to Nike Base; Caballero Cyn to Nike Base: Learn about the Wilderness Travel Course on this 7 mi rt, 1000 feet gain hike in the Santa Monica Mts. The hike will include info on types of maps used in wilderness travel. Bring headlamp or flashlight and refreshments to share. Westsiders Meet 6:30 pm end of Westridge Rd (Sunset Blvd to Mandeville Cyn Rd, N 1/4 mi to Westridge Rd, L to end); observe street parking restrictions. Valley-ites meet at Caballero Cyn trailhead on Reseda Blvd. at 6:30 pm (from 101 Ventura Fwy take Reseda Blvd 1.9 mi south across from Braemar County Club); free street parking. Ldrs: Robert Myers, George Denny, Marc Hertz, Jane Simpson.

Aug 21-23/Fri-Sun



WTC, Sierra Peaks

I/Mt Conness (12,590')

Leaving Friday morning from Tuolumne Meadows, we'll hike 5 miles, gaining 1200 ft to Young Lakes. Saturday will be spent climbing Mt. Conness via its southern flank. We'll climb to the uppermost Young Lake, then head northeast to gain the summit plateau. The route involves cross-country and some class 2 scrambling. (7 miles round trip, 3000ft gain). Return to Young Lakes for happy hour and spend the night. Sunday, group will pack out. Send email to rrdraney@yahoo.com (joshuahibbard@hotmail.com) for RSVP along with recent conditioning and experience. Ldr: Bob Draney. Asst: Josh Hibbard.

Aug 21-23/Fri-Sun Wild. Adventures, Sierra Peaks, PV So. Bay
I/Mt Goode (13,085), Mt Agassiz (13,893)

Climb two peaks near Bishop Pass. Fri, moderate 4 mi, 1400' gain trail backpack to camp near Saddlerock Lake. After set up camp, steep xc 2.8 mi, 2000' climb of Mt Goode. Sat, strenuous 5 mi, 2800' climb to Bishop Pass and then xc up Mt Agassiz. Sun, return to cars. Must be comfortable with steep, off-trail hiking. Send \$10 permit fee (payable Wilderness Adventures), 2 SASE, H&W phones, email, recent conditioning, experience, rideshare to Ldr: Mark Mitchell. Co-Ldr: Keith Martin

Aug 21-23/Fri-Sun NEW!



WTC

I/Mt Davis (12,311')

Fri backpack 8 miles, 2000' gain to camp at picturesque Thousand Island Lake in Ansel Adams Wilderness near Mammoth. Sat climb xc, class 2 route to Mt Davis over N Glacier Pass, 6 miles rt, 2500' gain. Sun pack out. Shuttle fee of \$7 from Mammoth Mtn to Agnew Meadows TH. Wilderness permit fee of \$5 collected at trailhead. Send e-mail with contact and any WTC info, recent conditioning to Ldr: Bruce Vogt. Asst: Anne Marie Richardson.

Aug 21-23/Fri-Sun



WTC

I/Mt Silliman (11,188')

Fri backpack 4 mi, 2000' gain on a use trail from Lodgepole, Sequoia NP to Silliman Lake area. Sat climb peak for incredible views of the Great Western Divide, 4 mi rt, 2500' gain and return to camp for group happy hour. Sun pack out. Comfort on class 2 granite slab required. There will be a permit fee of approx \$3 each collected at the hike. Send email with contact and rideshare info, recent backpacking and conditioning experience to Ldr: Kay Novotny (knovotny27@gmail.com). Asst: Gary Novotny.

August continued

Aug 22-23/Sat-Sun



WTC

I/Chocolate Pk (11,862')

Practice navigation and get a peak on this easy-paced backpack in the Eastern Sierra. Sat backpack from South Lake 2 mi, 1000' gain to camp. Afternoon cross country exploration of lakes in the area (3 mi, 600' gain), returning to camp for shared gourmet happy hour. Sun, climb peak (3 mi, 1000' gain), then pack out. \$5 permit fee. Send email with experience/ conditioning, rideshare, contact info to Ldr: Adrienne Benedict. Co-Ldr: Ann Pedreschi Shields.

Aug 22-23/Sat-Sun NEW!



Sierra Peaks, WTC

I/M/Three Sisters (10,572'), Dogtooth (10,302')

Gourmet Backpack! Join us for Decadent Wilderness Weekend VII. Sat backpack 5 mi, 1200 ft gain from Courtright Reservoir to Cliff Lake for 5-star dining experience. Sun work off those calories with 1.5-mi, 1200' gain to Three Sisters. If the spirit moves us, we'll also climb Dogtooth and its 3rd class summit block, an additional 2.5 mi and 750' gain. Send email (preferred) or sase with H&W phones, recent conditioning and your most outrageous culinary ideas to Ldr: Ron Campbell. Assts: Georgette Rieck, Ed Cottone.

Aug 22-23/Sat-Sun NEW!



WTC, Sierra Peaks

I/Mt Morgan #1 (13,748')

Sat backpack from Tamarack Lakes Trailhead (Rock Creek area), 3.5 miles, 1200' gain to camp at Francis Lake (10,900'). Spend afternoon relaxing by the lake, fishing and/or easy walks. Sunday hike to summit on a 6 mile, 2800' class 2 route with much bouldering. Enjoy magnificent views from peak, return to camp and pack out. Send email with recent hiking experience and day/evening phone and rideshare info and \$5 permit fee to Ldr: Marlen Mertz, Co-Leaders: Will McWhinney, Wayne Vollaie.

Aug 28-30/Fri-Sun NEW!



WTC

I/Mt Agassiz (13,893')

Friday backpack 3 miles, 1,900' gain from South Lake trailhead west of Bishop to Saddlerock Lake. Sat climb Mt. Agassiz, via Bishop Pass, 5 mi rt, 2,600 gain for one of the best views of the Sierras and the Palisades. The Palisades Glacier is the largest glacier in the Sierra and the southernmost glacier in the western hemisphere. Return to camp and celebrate happy hour. Sunday easy packout to trailhead at South Lake. WTC or equivalent required. Send sase or email (preferred), H&W phones, recent experience and conditioning, rideshare info to Ldr: Gerard Lewis. Co-Ldr: Kim Homan

Aug 29-31/Sat-Mon



WTC, Sierra Peaks

I/Four Gables (12,720'), Pilot Knob N (12,245')

Saturday meet at North Lake trailhead and pack in 8 miles and 2,500 feet of gain over Piute Pass to camp at Desolation Lake. Sunday climb via xc Four Gables 3 miles, 1,300 feet gain, Pilot Knob 5.5 miles and 1,900 feet gain and return to Desolation Lake base-camp 3 miles. Monday pack out to trailhead. WTC or equivalent experience required. Send e-mail with WTC info and group, recent experience to Ldr: Charles Irving Co-Leader: Daniel Kinzek

August continued

Aug 30/Sun NEW!  **WTC**

I/Marion Mtn (10,320'), Drury Pk (10,160'), Jean Pk (10,670')

From top of Palm Springs Tram, moderately strenuous but very scenic hike to San Jacinto area peaks. 10 mi rt 3000' gain, on trail to Wellman Divide, then 3.5 mi x-country to peaks. Bring 10 essentials, water, lug soles, lunch, \$22.50 for tram. SASE or email, H & W phones, recent experience and conditioning to Ldr: Joan Rosenburg, Asst: Gary Novotny

September

Sep 4-7/Fri-Mon  **Wilderness Adventure Section, WTC**

O/I/Boothe Lake, Rafferty & Johnson Pks Backpack Bus trip

Join us for a backpack to these seldom climbed peaks in the Yosemite High Country. Leave Fri evening on chartered bus shared with 2 other backpack groups. Sat morning moderately paced 7 mi, 1200' gain backpack from Tuolumne Meadows to less-visited Boothe Lake, starting Sat morning. Sun xc day hike to Rafferty (11,096') & Johnson (11,064') Peaks, 6 mi rt, 2200' elevation gain, at a moderate pace, but with some rock scrambling and slab walking to reach both summits. Mon morning break camp and trek downhill 7 mi to Tuolumne Meadows to catch the bus. Cost \$190 w/SC#, \$210 non-member, include bus, bus snacks, all fees, dinner on way home. After Aug 3, 10% cancellation penalty; balance refundable only if trip is full and suitable replacement is found. To sign up, send check (payable Wilderness Adventures), recent backpacking experience, contact info, email address (or 2 SASE) to Ldr: David Coplen. Co-Ldr: Doan-Trang Tran.

Sep 4-7/Fri-Mon  **Wilderness Adventures Section, WTC**

O/May Lake to Glen Aulin Backpack Bus trip

Camp at 2 of the wonderful High Sierra Camps on this backpack in the High Country of Yosemite NP. Leave Fri evening on our chartered bus with 2 other backpack groups. Sat morning backpack 3 mi, 1100' gain to camp at May Lake High Sierra Camp. After lunch day hike to Mt Hoffman (10,850') 4 mi rt, 1450' gain, or explore the local area. Sun, backpack 9 mi, 600' gain/2100' loss to camp at serene Glen Aulin near Tuolumne Falls & the White Cascade. Mon morning pack out 7 1/2 mi, 1000' gain to meet the bus. Cost \$190 w/SC#, \$210 non-member, include bus, bus snacks, all fees, dinner on way home. After Aug 3, 10% cancellation penalty; balance refundable only if trip is full and suitable replacement is found. To sign up, send check (payable Wilderness Adventures), recent backpacking experience, contact info, email address (or 2 SASE) to Ldr: Adrienne Benedict. Co-Ldr: George Denny.

Sep 4-7/Fri-Mon  **Wilderness Adventures Section**

O/I/Young Lakes, Mt Conness Backpack Bus trip

Leave Fri evening on our chartered bus shared with 2 other backpack groups, for a 3-day high altitude backpack in Yosemite's High Country. Sat backpack 8 mi, 1200' gain to Young Lakes (10k'). Sun optional xc day hike to Mt Conness (12,590'), 6 mi, 2500' gain/loss with fabulous views on both sides of the Sierra Crest. (While not for beginners, this day hike is suitable for people who already have some xc trips under their boots, and recent high altitude experience.) Otherwise, relax & enjoy the lakes and explore the local area. Mon morning backpack out to Tuolumne Mdws to meet bus. Cost \$190 w/SC#, \$210 non-member, include bus, bus snacks, all fees, dinner on way home. After Aug 3, 10% cancellation penalty; balance refundable only if trip is full and suitable replacement is found. To sign up, send check (payable Wilderness Adventures), recent backpacking experience, contact info, email address (or 2 SASE) to Ldr: Brent Costello. Co-Ldr: Harvey Ganz.

September continued

Sep 5-7/Sat-Mon NEW!  **WTC**

I/Four Gables (12,720')

Relaxed, enjoyable pace. Sat backpack from North Lake over Piute Pass to Lower Desolation Lake at 11,180', 8 miles, 2100' gain. If there's time on Sat, we'll explore other lakes in the area. Sun climb Four Gables via use trail and xc in 8 miles rt, 1500' gain. Mon pack out to trailhead. Send e-mail with contact info, any WTC info, conditioning and recent altitude experience to Ldr: Mary Holle. Asst: Anne Marie Richardson.

Sep 12-13/Sat-Sun  **WTC, Hundred Peaks**

I/Lake Pk (10,161) 10K Ridge (10,094')

Two great peaks in the nearby San Geronio Wilderness. Saturday we'll pack to camp and happy hour at Fish Creek Camp (5 mi, 1800'). Sunday we'll climb 7 mi., 2500' gain cross country in a loop to our peaks, then pack out. Send experience, conditioning, phones, email, rideshare info via email or sase to Ldr: Edd Ruskowitz. Asst: Melissa Kane.

Sep 12-13/Sat-Sun  **WTC**

I/Kearsarge Pinnacles (11,680')

Strenuous backpack to explore some rarely visited pinnacles in the High Sierras. Sat backpack from Onion Valley to Bench Lake (3 mi, 1800' gain). Sun early start with a cross-country route to Pinnacle 10 (and possibly others) before returning to camp in time to pack up and return to trailhead by sundown. Must be comfortable with 10,000'+ altitude and cross-country hiking over rugged terrain (13 mi and 6000' gain total rt). Send email with conditioning, recent hiking and altitude experience and WTC leader name (if applicable) to Ldr: Monica Suua. Asst: Eric Scheidemantle.

Sep 12-13/Sat-Sun  **WTC**

I/Mt Stanford (N) (12,838')

Experience trip for WTC students and leaders. Sat backpack to western most Hilton Lake, 6 mi, 1400'. Sun climb Mount Stanford, 5 mi rt, 2500', then pack out. Send 2 sase or 1 sase and email, \$5 permit fee, recent experience and conditioning, H&W phones, and rideshare info to Ldr: Neal Robbins. Co-Ldr: Mike Dillenback.

Sep 12-13/Sat-Sun NEW!  **WTC**

I/Mt Langley (14,927')

Sat backpack from Cottonwood Lakes Trailhead to upper Cottonwood Lake, 6 mi 1,200' gain. Sun climb Langley, 7 mi rt, 2000' of gain. From the peak of this southernmost 14'er in the Sierra, enjoy spectacular views in all directions, from Whitney to the north, to the Great Western Divide, to Owens Valley, 10,000' below. Pack out Sunday after peak climb. Mail \$10 permit fee to M. Mertz, and email to same recent hiking experience and conditioning, best phone #(s), and rideshare info. Ldrs: Will McWhinney, Marlen Mertz, Wayne Voltaire

Sep 13/Sun NEW! **WTC, 20&30s Singles, LB Group, PB South Bay**

O/WTC Introductory Hike - Mt Wilson/Manzanita Ridge

Invigorating conditioning hike at a moderate pace. 10-mile r/t, 4000' gain. Leaders will provide an overview of the Wilderness Travel Course (WTC), which begins January '09. Subjects include safe mountain travel, map & compass and wilderness first aid. This is a residential neighborhood so be mindful of parking regulations and resident's quiet enjoyment of their neighborhood. Meet 9 am at trailhead. Mira Monte Ave and Mt Wilson Trail Dr. Take I-210 to Baldwin Ave exit, take Baldwin N to Mira Monte, Right to trailhead. Bring hiking boots, 3 ltrs water, snacks to share. Ldr: David Meltzer, Co-Ldr: Gary Novotny

September continued

Sep 18-20/Fri-Sun



WTC

I/Twin Lakes-Silliman NavPack Sequoia NP

Improve your navigation skills, get a peak and get happy on a moderately paced 6.5 mi, 2600' gain backpack to beautiful Twin Lakes. Sat xc explore both sides of Silliman Crest, and climb a no-name peak, 1400' net gain via 7 mi loop. Return to camp for shared treats and gourmet quesadillas. Sun head home. Comfort on class 2 climbing required. No tigers please. Send check for \$5 permit fee (payable to WTC), 1 sase (or email preferred), contact & rideshare info, recent backpacking & conditioning experience to Ldr: Jane Simpson. Co-Ldrs: Adrienne Benedict, Ann Pedreschi.

Sep 18-20/Fri-Sun



WTC

I/Cloudripper (13,525)

Climb the highest peak in the Inconceivable Range and be consoled by views of some of the most beautiful peaks and basins in the Eastern Sierra. Fri hike from Glacier Lodge to Fifth Lake to setup base camp (6.5 mi 2800'). Sat hike to Seventh Lake and then go cross country up a steep challenging scree slope, then take the ridge over to the peak. This has much class 2 terrain and a short (optional) section of class 3 at the summit (6 mi 2900'). Hike out Sun and have ice cream at Glacier Lodge! Email contact info with conditioning and experience. Ldr: Gary Novotny. Asst: Mike Adams.

Sep 19/Sat



LTC

Deadline for Leadership Training Seminar

Last day for receipt of application and payment by LTC. Register for Oct 3 seminar. Next seminar: Spring 2010.

Sep 19-20/Sat-Sun



Desert Peaks, WTC

O/Glass Mountain Ridge (11,140') and Mount Patterson (11,673')

First day, pitter patter up Patterson with Tina and Mary Mac for 5 miles and 1600' gain. Day #2, climb the black obsidian peak for 3 miles and 1900' gain. Evening potluck will add to our merriment. E-mail Leader: Tina Bowman. Assistant: Mary McMannes.

Sep 24/Thu

NEW!



WTC

O/Nike Base Rendez-Vous Hike #3

WTC Introductory Hike: Westridge Rd to Nike Base; Caballero Cyn to Nike Base: Learn about the Wilderness Travel Course on this 7 mi rt, 1000 feet gain hike in the Santa Monica Mts. Bring headlamp or flashlight. The hike will include info on the best compasses for wilderness travel. Westsiders Meet 6:30 pm end of Westridge Rd (Sunset Blvd to Mandeville Cyn Rd, N 1/4 mi to Westridge Rd, L to end); observe street parking restrictions. Valley-ites meet at Cabellero Cyn trailhead on Reseda Blvd. at 6:30 pm (from 101 Ventura Fwy take Reseda Blvd 1.9 mi south across from Braemar County Club); free street parking. Ldrs: Robert Myers, George Denny, Marc Hertz, Jane Simpson

Sep 25-27/Fri-Sun



Wilderness Adventures, WTC

I/University Pk (13,632)

Climb a classic with great views above Onion Valley. Fri, strenuous 5.5 mi, 2700' gain trail backpack over Kearsarge Pass and then down to the Kearsarge Lakes. Possible ramble to Bullfrog Lake. Sat, strenuous xc 5 mi, 2700' climb of University. Sun, return to cars. Must be comfortable with steep, off-trail hiking. Send \$10 permit fee, 2 SASE, H&W phones, email, recent conditioning, experience, rideshare to Leader: Mark Mitchell. Co-Ldr: David Coplen

September continued

Sep 26/Sat

NEW!



Desert Peaks, WTC

MR/McFarland Peak (10,742')

An "exploratory" climb of McFarland Peak - a beautiful, rugged and imposing limestone peak hidden deep within the northern portion of the Spring Mountains of southern Nevada. We will climb the peak via the Bristlecone and Bonanza Trails (13.5 miles roundtrip, 4,500' gain). Class 3 rock experience required. Restricted to Sierra Club members. Medical form required. See entry below for Asher Waxman's list finish on Spirit Mountain the next day. Send e-mail/sase and detailed resume including class 3 rock experience to: Leader: Dan Richter, Assistant: Asher Waxman

Sep 27/Sun

NEW!



Desert Peaks, WTC

I/Spirit Mountain (5,639')

Join us for Asher Waxman's list finish on this sacred and magical peak above Christmas Tree Pass. The peak overlooks Lake Havasu and Laughlin. We will climb the mountain from the pass by a beautiful cross-country route. See the schedule for our "exploratory" climb of McFarland Peak the day before. (3 miles round trip, 2,000' gain). Send e-mail and sase: Leader: Asher Waxman, Assistant: Dan Richter

Sep 27/Sun

NEW!



LTC, WTC, HPS, DPS, SPS

I/Grinnell Ridge Navigation

Navigation noodle in San Bernardino National Forest for either checkout or practice to satisfy Basic (I/M) or Advanced (E) level navigation requirements. Send email/sase, contact info, navigation experience/training, any WTC, leader rating, rideshare, to Ldr: Robert Myers. Asst: Harry Freimanis.

Sep 30/Wed

NEW!



LTC, WTC

M/E/Advanced Mountaineering Program - Basic Safety Systems

First of 4 climbing workshops. Today's indoor evening workshop of 4 hours reviews ropes, knots, harnesses, helmets, and basic climbing gear and will take place in Pasadena. Based on book: "Mountaineering Freedom of the Hills, 7th edition"; today: Chapter 9. Open to climbers who are SC members and have some climbing experience. As space is limited, priority will be given to participants who commit to all 4 workshops. Send or e-mail SC#, resume, phones to Ldr: Dan Richter. Asst: Pat McKusky.

October

Oct 3/Sat

NEW!



LTC

Leadership Training Seminar

Become a qualified Sierra Club leader. Deadline for receipt of application and payment is Sep 19. No registration after this date or at door. Next seminar: Spring 2010.

Oct 3/Sat

NEW!



LTC, WTC

M/E/Advanced Mountaineering Program - Belaying

2nd of 4 climbing workshops. Today, at Stoney Point in Chatsworth, focus is on belaying and principles of anchor building. Based on Chapter 10 of the book: "Mountaineering Freedom of the Hills, 7th edition". Open to climbers who are SC members and have some climbing experience. As space is limited, priority will be given to participants who commit to all four workshops. Send or e-mail SC#, resume, phones to Ldr: Dan Richter. Asst: Pat McKusky.

Oct 3-4/Sat-Sun



WTC

I/Marion Mtn (10,362'), Jean Pk (10,670'), Cornell Pk (9750')

8.5 mi. rt, 3100' gain overnight backpack. A "last chance" outing before graduation! Take Palm Springs Tram up to San Jacinto Wilderness. Hike 2 mi to Round Valley, set up camp. Then 4 mi trail and xc to Marion and Jean. Back to camp for happy hour. Sunday break camp, bag Cornell and return to tram via 2.5 mi xc route. Send esase with telephone, recent experience, ride share info to Ldr: Jeffrey Zinn (jeffreyzinn@lordleider.com). Asst: Rod Kieffer

Up Close and Personal, continued

We could stop a few feet from the flower, but let's get even closer. For example, have you seen the pollen of a flower before? You can clearly see in the photo below that the tiny white specs of pollen are scattered on the interior petals of the flower.



Now, let's get even closer. We are now diving down to the views that are typically reserved for insects. In this world, small becomes large and we can start counting the individual bits of pollen stuck to the pistil of the flower. Welcome to the world of extreme close ups!



Continued on next page

Up Close and Personal, continued



In the extreme close up world, common items may be difficult to identify. For example, can you identify what this picture shows? If you are having trouble, I will give you a few clues:

- A) You have seen it hundreds of times.
- B) You will typically see it when it is warm outside.
- C) You will see it on a warm rock.
- D) It has a tongue.
- E) It has 4 legs.

Give up? Well this is the back leg of a common lizard. Notice the scales that overlap each other. Once again, this is a prime example of an extreme close up.

Camera Types

There are three basic digital camera designs. The first type is the "Compact Digicam". These are easily identifiable by their size - being able to fit into your shirt pocket. Since many of these models have limited zoom and macro capabilities, it may be difficult to perform some of the techniques presented in this article.

The second type of camera is the single-lens-reflex (SLR). These are easily identifiable by their large size and their ability to change the lens to a smaller or greater magnification. These tend to be full feature cameras that are capable of taking magnificent photographs. Unfortunately, these are bulky and heavy, so most people who are hiking for any lengthy amount of time, often do not bring along this camera type.

The third type of digital camera is a "SLR like" camera. These are identified by their medium size (you can't put these in your pocket, but their case can hang conveniently from your belt or backpack) and the fact that they can't swap out lenses. These are a compromise between the Compact and the SLR - they weigh less and are less bulky but usually have a full set of features. This is the type of camera that I take out on trips and is the type used for the photographs presented in this article and all previous WTC newsletters.

Compact Digicam



SLR Like



SLR



Getting Started

I use a small set of rules that should be followed in order to capture the best photographs possible.

1. **Take many pictures.** This is my #1 rule! Unless you are a professional, your chances of capturing that "great" photograph increases dramatically as you take more photos. On any given photo, your focus might be a little off, or the light may not be right, or your composition could be faulty. The point is, as you continue to capture additional images, you increase your chance of getting everything perfect. It is not unusual for me to take several hundred pictures per day. You will see several prime examples of this rule in this article.

Continued on next page

Up Close and Personal, continued

2. The corollary to #1 is to **purchase a large memory chip**. You can't take 300, 400 or 500 pictures on a small memory chip. Memory is cheap nowadays, spend the money to be able to capture this many photos.
3. **Use the highest resolution available in your camera.** Most cameras offer an option to choose the resolution of the picture, so pick the option with the largest numbers. For example, you would want to choose the 3264 x 2468 instead of the 640 x 480.
4. Most cameras will offer compression choices such as High Quality, Medium Quality and Low Quality (or perhaps Super Fine, Fine and Normal) for JPEG images. **Always choose the highest quality setting available.** If you are using an expensive camera, there may be an option to use RAW or TIFF. These options are usually only used by experienced photographers who are going to do some post processing in Photoshop.
5. **Don't use digital zoom.** Many cameras offer an optical zoom and a digital zoom. The digital zoom attempts to create details in the picture that don't really exist. If you continue to zoom out, you will get to a point where you really notice squares of color all over your picture. These are the areas that the camera can't see, so it has just filled in a color. Consult your owner's manual on how to avoid using digital zoom.
6. **Pay attention.** Look at everything that is taking place in the photo. If there are people in your shot, are there branches directly behind a head making it appear as though this person has antlers? Is there a distracting shadow hitting an important area? Is your finger over part of the lens? There are hundreds of ways to ruin a photo, so always spend the time to take a quick review the entire area, subject and background.
7. **Be patient.** You won't be able to create a "great" photograph at every moment. Try take shots from unusual angles or move left, right, up or down to get better composition. Wait for the wind to die down or pick up, depending on the story that you are trying to capture. Experiment in any way that comes to mind. Once you learn some secrets to taking better pictures, your patience will be rewarded.

Lesson 1

This lesson deals with getting extreme close up photographs of your subject. There are two methods for getting these extreme shots.

A) Get your lens really close to your subject. This sounds simple, but if you have ever tried it, you may have become frustrated. You probably achieved less than stellar results because you were not using the proper tool available on your camera. The proper tool is the "macro" setting. The focus mechanism on cameras only allows you to get a certain distance from your subject. Once you get closer than this point, you will not be able to focus properly. The macro lens allows you to overcome this problem. You can get very close to your subject once in the macro mode. Some cameras even offer a "super macro" mode to get the lens even closer.

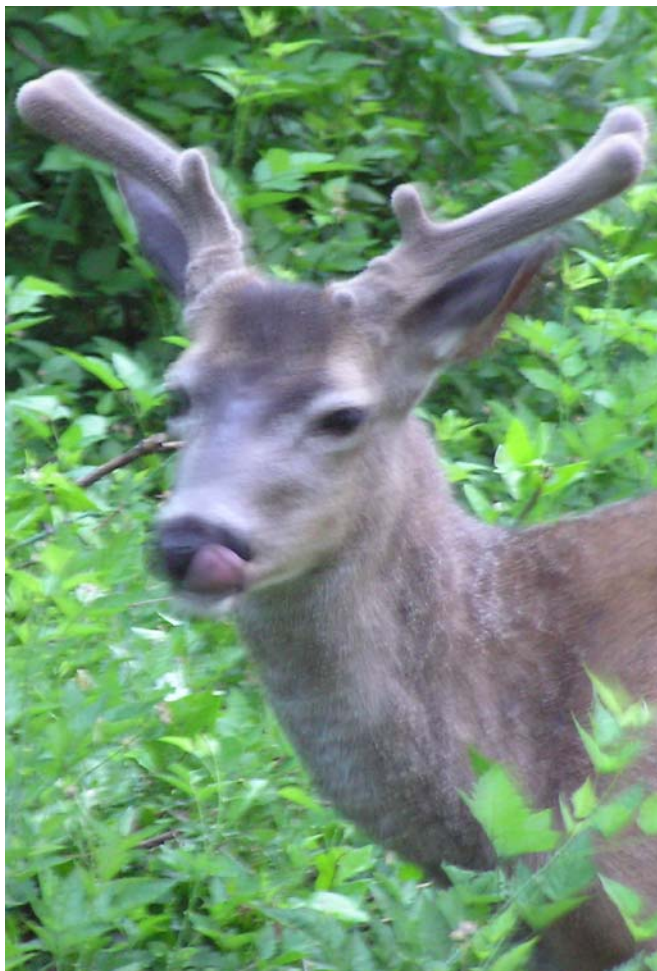
B) Use the telephoto setting on the camera. This is also known as zoom. On "Compact Digicams" and "SLR like" cameras, the zoom is designated as an "x" factor. For example, my camera has a 12x optical zoom. This indicates that I can get 12 times closer to my subject when I am in full telephoto mode. When comparing cameras, only compare the optical zoom, never the digital zoom (which is a marketing ploy to make a camera seem better).

Some of the following techniques are applicable to both methods, while others are more important for one of the methods. I will note the techniques that are more useful for one particular method.

Camera Shake

When taking extreme close up photos, your camera must remain perfectly still. In particular, this problem plagues shots using an extreme telephoto. The slightest movement will ruin this type of photograph. As you review your pictures, if you notice that they are slightly blurry (as seen on the right), the most likely culprit is that your camera was moving as the shutter released. Here are several techniques for keeping your camera still:

A. Mount your camera on a tripod. This is often required to capture a quality photo when using an extreme telephoto. There are several different models available for hikers. This is the second best choice for eliminating camera movement.



Continued on page 15

October

Oct 9-11/Fri-Sun



WTC

I/Basin Mtn (13,181')

Fri backpack from trailhead to Horton Lake (4 mi, 2200' gain). Sat climb peak (5mi, 3200' gain). Bring appetizer or dessert to share Fri. and Sat night. Sun break camp and return to cars. WTC or equiv required. Send sase or email (preferred) with recent experience and conditioning, phone and rideshare info, and WTC leader to Ldr: KC Reid. Asst: Mike Dillenback.

Oct 10/Sat **NEW!**



LTC, WTC

M/E/Advanced Mountaineering Program - Rappelling

3rd of 4 climbing workshops. Today, at Stoney Point in Chatsworth, focus is on rappelling. Based on Chapter 11 of the book: "Mountaineering Freedom of the Hills, 7th edition". Open to climbers who are SC members and have some climbing experience. As space is limited, priority will be given to participants who commit to all four workshops. Send or e-mail SC#, resume, phones to Ldr: Dan Richter. Asst: Pat McKusky.

Oct 10/Sat **NEW!**



LTC, WTC, Hundred Peaks

I/Mt Lowe (5603') Beginning Navigation Clinic

4 mi, 500' gain. Spend the day one-on-one with an instructor, learning/practicing map and compass. Beginners to rusty old-timers welcome. Not a checkout, but it will help you prepare. Many expert leaders will attend; many I-rated leaders started here in the past. Send sase, phones, \$25 deposit (Sierra Club, refunded at trailhead) to Ldr: Diane Dunbar. Co-Ldr: Richard Boardman

October

Oct 10-11/Sat-Sun



WTC

I/Joshua Tree "Really Last Chance" Graduation Trip

Easy paced backpacking trip in scenic Joshua Tree National Park. We will take exploratory cross-country routes in the Queen Valley area, taking in a peak along the way. Learn about the Wilderness Travel Course or satisfy WTC requirements on this "really last chance" graduation trip. 9 mile rt, 1000' gain. Send email (preferred) or sase, with contact info & recent conditioning to Ldr: Robert Myers. Co-Ldrs: Chi Choi, David Meltzer.

Oct 17/Sat **NEW!**



LTC, WTC

M/E/Advanced Mountaineering Program - Rock Climbing Techniques and Anchors

4th of 4 climbing workshops. This weekend completes the series of AMP workshops, at Joshua Tree National Park, and focuses is on climbing and anchors. Based on Chapters 12 & 13 of the book: "Mountaineering Freedom of the Hills, 7th edition". Open to climbers who are SC members and have some climbing experience. As space is limited, priority will be given to participants who commit to all four workshops. Send or e-mail SC#, resume, phones to Ldr: Dan Richter. Asst: Pat McKusky.

Oct 18/Sun **NEW!**



LTC, WTC, HPS, DPS, SPS

I/Indian Cove Navigation

Navigation noodle at Joshua Tree National Park to satisfy the Basic (I/M) level navigation requirements. Send email/sase, contact info, navigation experience/training, any WTC, leader rating, rideshare, to Ldr: Robert Myers. Asst: Phil Wheeler.

Oct 24/Sat **NEW!**



WTC

O/Nike Base Rendez-Vous Hike #4

WTC Introductory Hike: Westridge Rd to Nike Base; Caballero Cyn to Nike Base: Learn about the Wilderness Travel Course on this 7 mi rt, 1000 feet gain hike in the Santa Monica Mts. The hike will include info on wilderness first aid. Westsiders Meet 8:00 am end of Westridge Rd (Sunset Blvd to Mandeville Cyn Rd, N 1/4 mi to Westridge Rd, L to end); observe street parking restrictions. Valley-ites meet at Caballero Cyn trailhead on Reseda Blvd. at 8:00 am (from 101 Ventura Fwy take Reseda Blvd 1.9 mi south across from Braemar County Club); free street parking. Ldrs: Robert Myers, George Denny, Marc Hertz, Jane Simpson.

Oct 24/Sat **NEW!**



WTC

O/Leave No Trace Workshop

Join us for a short hike in O'Melveny Park to learn more about using Leave No Trace ethics in your outdoor activities. Material will be provided. Bring notebook and pen. Includes Environmental Awareness credit for prospective I rated leaders. Meet at 8:30 am in parking lot of O'Melveny Park, 17300 Sesnon Blvd. just west (.6 miles) of Balboa Blvd. in northern San Fernando Valley above Granada Hills. All day workshop, will end at 4:00 pm. \$5 fee for materials. Space limited, contact ldrs for reservation. Bring water and lunch. Rain cancels. Contact Ldr: Gerard Lewis Co-Ldr: Melody Anderson.

Oct 30 - Nov 1/Fri-Sun **NEW!**



LTC, Harwood Lodge, WTC

C/Wilderness First Aid Course

Runs from 8 am Fri to 5:30 pm Sun. Fee includes lodging, meals and practice first aid kit. Proof of CPR within previous 4 years required to enroll. Fee \$205 with SC#/\$215 non-member (full refund through Sept 25). For application contact Ldr: Steve Schuster.

What has a cool logo, wicks moisture like crazy, is anti-bacterial and can be worn on any of your hiking adventures?



The new WTC performance shirt!

The advantages of performance shirts like Coolmax® are well known to all of us. The new WTC performance shirts take moisture management to the next level by using Intera®. Intera® yarn is the only patented moisture wicking technology built right into the fabric instead of being applied as a coating afterwards. In addition, we use UV resistant dyes for the WTC logo.

But wait, there's more! These WTC shirts are custom made to your exact requirements. You get to pick the shirt style, size and logo type that matches your specific needs. There are even shirt styles specific for you ladies!


Visit <http://angeles.sierraclub.org/wtc> and click on the shirt link at the bottom of the page for details.

November and Beyond

Nov 7-8/Sat-Sun NEW!  **I/Quail Mtn (5814')**

WTC

Easy paced but mod strenuous backpack to Quail Mtn, 14 mi rt 1800' gain, approach from east by mostly x-country route. 4 mi hike to camp Sat, rest and happy hour at camp. Sun 6 mi x-country rt to Quail, will encounter some rough, rocky sections. Return to camp and pack out. Bring 10 essentials, min 6 liters water (dry camp), lug soles, layered clothing. Sase or email, H & W phones, recent experience and conditioning to Ldr: Joan Rosenberg. Asst: Gary Novotny.

Nov 14/Sat  **PV - South Bay, Hundred Peaks, WTC I/Slide (7841'), Keller (7882'), possibly Mill (6670') and Deep Creek Hot Springs (5' deep)**

19th semi-annual Deep Creek HS hike/soak/swim with some more peaks. Moderately paced 9 mi, 2000' gain (maybe more depending on road conditions) w some dirt road driving - Adventure Pass rd. Bring lunch, water, rain gear, lugs (swim suit optional). No beginners. Plan on spending full day - it's near Hesperia. Rain cancels. Send email (preferable - bholchin@cox.net) or sase, along with carpool info, cond/expert to Ldr: Barry Holchin. Co-Ldr: Wayne Vollaie.

November 14-15/Sat-Sun NEW!  **LTC, WTC, HPS, DPS, SPS I/ndian Cove Navigation**

Navigation noodle at Joshua Tree National Park to satisfy the Basic (I/M) level navigation requirements. Sat for practice, skills refresher, altimeter, homework, campfire. Sun checkout. Send email/sase, contact info, navigation experience/training, any WTC, leader rating, rideshare, to Ldr: Robert Myers. Asst: Harry Freimanis

Nov 15/Sun NEW!  **WTC, 20&30s Singles, LB Group, PB South Bay O/WTC Introductory Hike - Echo Mtn, Inspiration Point and Muir Peak (4688')**

Hike the Sam Merrill trail to the historic railway and resort area at Echo Mtn, then up Castle Canyon to Inspiration Point and on to Muir Peak. We will return by the Middle Merrill trail. Trip is a total of 12 miles with 2900 ft of gain. Leaders will provide an overview of the Wilderness Travel Course (WTC), which begins January '09. Subjects include safe mountain travel, map & compass and wilderness first aid. Meet 9:00 am at the North end of Lake Street at the corner of Lake and Alta Loma Street in Alta Dena by the "Gate". This is a residential neighborhood so be mindful of parking regulations and residents' quiet enjoyment of their neighborhood. Bring 2-3 liters of water, lunch, lugsoles, hat and layered clothing. Ldr: David Meltzer, Co-Ldr: Gary Novotny.

Dec 6/Sun NEW!  **WTC, 20&30s Singles, LB Group, PB South Bay O/WTC Introductory Hike - Mt Wilson/Manzanita Ridge**

Invigorating conditioning hike at a moderate pace. 10-mile r/t, 4000' gain. Leaders will provide an overview of the Wilderness Travel Course (WTC), which begins January '09. Subjects include safe mountain travel, map & compass and wilderness first aid. This is a residential neighborhood so be mindful of parking regulations and residents' quiet enjoyment of their neighborhood. Meet 9 am at trailhead. Mira Monte Ave and Mt Wilson Trail Dr. Take I-210 to Baldwin Ave exit, take Baldwin N to Mira Monte, Right to trailhead. Bring hiking boots, 3 ltrs water, snacks to share. Ldr: David Meltzer, Co-Ldr: Gary Novotny.

Up Close and Personal, continued

B. Use the timer for the shutter. Some cameras now offer 24x zoom. At this amount of telephoto, the mere act of pressing the shutter button will produce shake in the lens. When you use the timer, the camera must already be perfectly stationary - you are only eliminating the movement due to the button press. When used in conjunction with a tripod, this is the best possible choice to eliminate all camera movement.

C. Place your camera on a solid surface, such as a rock. This is just as stationary as a tripod. Unfortunately, aiming the camera properly may be difficult.

D. Hold the camera up to the side of a large tree. Very good results may be obtained using this method.

E. Hold the camera on top of a trekking pole. Since the pole can still move, this choice is not as good as a tree.

F. If your camera offers a viewfinder (instead of just an LCD screen on the back), place the viewfinder firmly against your right eye, hold the right side of the camera with your right hand, hold the front of the camera with your left hand, jamb both elbows into your body. After making this structure as solid as possible, breathe in and hold your breath. While your breath is held, press the shutter button.

G. You can reduce the amount of time that the shutter is open. This can be accomplished by using one of two basic methods. If your camera has an Aperture Priority mode (sometimes denoted by "Av" for aperture value or simply "A"), then go into this mode and select the smallest number available (e.g. 2.6). If you do not have this mode available, then most cameras have a series of automatic modes. One of these is often a Sports mode (often denoted by an icon of a runner) or Portrait mode (often denoted by a profile of a person's head). When Aperture Priority mode is not available, you can try one of these automatic modes.

Focus

Getting the proper focus is critical for any photograph. Most people will use the Auto-Focus mechanism in their camera. When using this feature, place the subject in the center of the view and press the shutter button half way down. Keep holding the button half way down until you are ready to take the picture. While the button is half way down, the focus will be "locked" based on the object in the center of the screen at lock time. You can now move the camera to reposition your subject out of the center if desired.

The Auto-Focus will want to focus on the spot in the center of the screen. When taking a panoramic shot, the exact spot of focus usually is not important. With extreme close up photography though, it becomes critical. Look at the two photos on the following page. The first was shot with the focus on the head, while the second with the focus on the rear leg. This difference was due to a minute change in aim. While in telephoto mode, these miniscule camera movements can cause dramatic changes in focus.

Continued on next page

Up Close and Personal, continued



The focus here is clearly on the head of the lizard.

Now the focus has changed to the rear leg of the lizard. Obviously, this is not what was intended when the picture was taken.



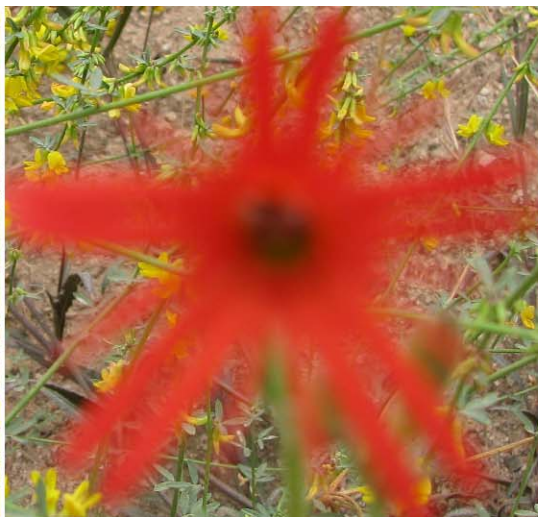
Up Close and Personal, continued

If you move closer or further away from your subject while the focus is "locked", you may get poor results. If you are 12 feet from your subject and move 1 inch closer, you will not notice a problem. If however, you are 2 inches from your subject and move 1 inch closer, you may as well just delete the picture from memory immediately. The next two pictures show this principle. The first picture has crisp focus since the camera did not move between the Auto-Focus step and the shutter releasing. In the second picture, the Auto-Focus step was done, but then the camera was moved slightly closer to the Cliff Dandelion (*Malacothrix saxatilis*).



When taking pictures of flowers, you will usually be using the Macro setting of your camera. Because of this, you will be very close to the flower. As already discussed above, you must make sure that the distance to the flower does not change after the Auto-Focus step has been completed. Unfortunately, when taking pictures of flowers, you will have to contend with the wind. Even the gentlest of a breeze can cause a flower to move ever so slightly, causing an out of focus result. So how do you resolve this issue? Here are a few options:

- A) If the breeze is gentle, you can try to stand upwind of the flower to block the breeze from hitting your subject.
- B) If the breeze is gentle and the stem of the flower is long, you can hold the part of the stem that is out of the frame of the picture.
- C) You can use my #1 Rule. Take many shots of the same flower. If you take 10 shots, your chances of getting a picture that is focused properly increases by 10 fold. This is the method that I find to be most reliable, as demonstrated below with an Indian Pink (*Silene Laciniata*).



Up Close and Personal, continued

Lighting

Light is a topic so important; I left it for my final discussion. The quality and color of light can change at any moment. A camera is a tool that lets us capture this light as it reflects off of our subject and transforms that light into an image. Therefore, proper lighting is a critical component when trying to create a "great" photograph.

"Ansel Adams," wrote John Szarkowski, of the N.Y. Museum of Modern Art, "attuned himself more precisely than any photographer before him to a visual understanding of the specific quality of the light that fell on a specific place at a specific moment. For Adams, the natural landscape is not a fixed and solid sculpture but an insubstantial image, as transient as the light that continually redefines it. This sensibility to the specificity of light was the motive that forced Adams to develop his legendary photographic technique."

Light has a variety of personalities that change due to time of day, intensity and direction. Professional photographers consider the early morning a late afternoon the prime time to capture a great photograph. During these hours, the light casts a "warm" color cast to the environment that is very pleasing to the eye. If you are able to take advantage of this wonderful light, you can capture some amazing shots, such as this shot taken at the sand dunes in Death Valley shortly after sunrise. The orange glow of the sand will dissipate into an bland grey once the sun has a chance to extend above the horizon.



Unfortunately, most of the time when we are hiking, we have to deal with the light that is available at that given moment. When you are dealing with the current available light, an average picture can still become a good picture by following my tips.

Continued on next page

Up Close and Personal, continued

Let's take the example of trying to take a picture of a flower in the harsh light of a bright noon time sun. The following photograph (top) of a Milk Thistle (*Silybum marianum*) has a major problem. Can you determine what I did wrong?

Well, the focus is okay, the composition does not have any major problems and the camera was not shaking, so those are not the issue. This picture violated my Rule #6 – I was not paying attention. Hopefully, you are paying attention and noticed that my shadow was being cast along the lower portion of the subject. Actually, this is something that you need to be constantly aware about when using the Macro mode in bright sunlight. You are so close to the subject, an errant shadow is often present when you are not paying attention.



Let's compare this to another picture of the same subject, but without the shadow problem:

In the original picture, the shadow completely masked out the beautiful purple stalk on this thistle. This purple gives the picture some wonderful contrast and moves this up from a common picture to a good picture. By the way, I was able to remove the shadow by moving to my left (since the sun was over my right shoulder) and lowering my camera. Sometimes in these conditions, you will also have to move the camera further away from your subject to avoid the shadow from the camera itself.



Continued on next page

Up Close and Personal, continued

Now let's look at another example. This next photo was once again taken during the harsh light of a bright noon time sun. It also has a problem, although it may not be as obvious as the previous example. Can you figure out what is wrong with this photo?



If you can't tell what the problem is, perhaps the picture below of the same flower will help in the problem determination.

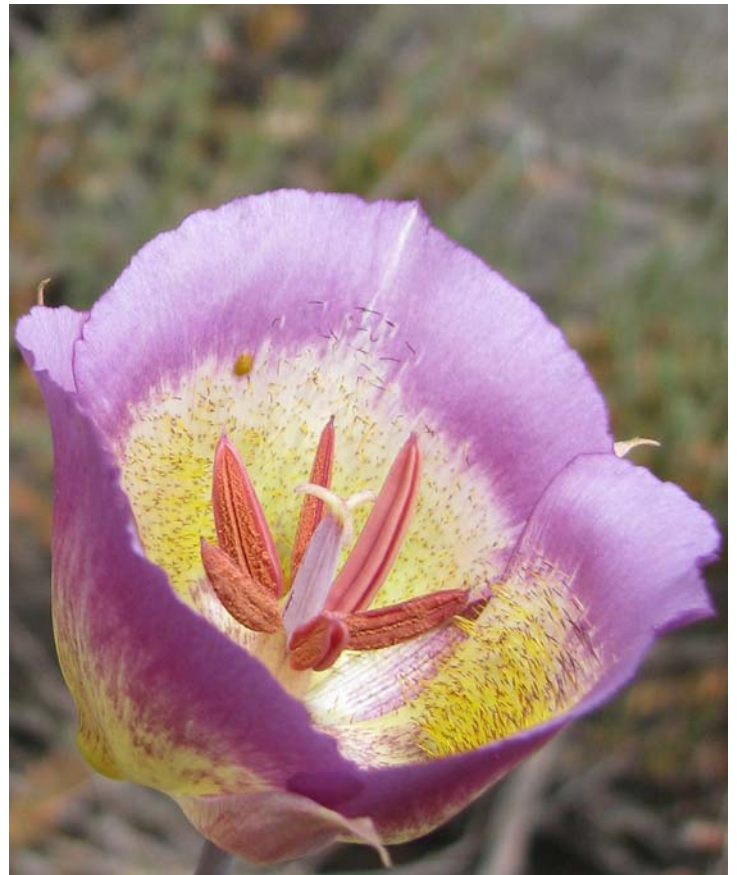
Notice how the flowers jump out at you in the photo below? The reason for this phenomenon is that the background is now dark, thus providing a subtle, yet dramatic change in contrast. In the prior photo, the light flowers were getting lost in the light background. This made it difficult for your eyes to get drawn to the subject. So, how did I make the background darker? It was as simple as asking my wife to move over and cast her shadow on the background area while avoiding putting a shadow on the flower.



Now this has gone from a typical flower shot to a good flower photo. So, how can we make it "great"? It is as simple as using my #1 rule. I had been trying all day to get a really nice picture of a flower with a bee. I might have taken close to 50 shots with bees around flowers, but none turned out as well as I had expected. You might have noticed that I did indeed capture a bee sitting on the flower on the photo above. At the time that I was taking the photograph to the left however, I had no idea that a bee was approaching my subject flower for a landing. But, thanks to the fact that I had taken so many photos, I finally captured the perfect picture.

Up Close and Personal, continued

What if the sun is not shining? What if the weather is overcast and dreary? Do you pack away your camera until the sun comes out again? Absolutely not! Look around, and find a subject that actually benefits from the current conditions. For example, if it is overcast, you can get wonderful diffused lighting that masks the harsh shadows of direct sunlight. To make a comparison easier, I took photos of the same Plummer's Mariposa Lily (*Calochortus plummerae*). The first photo was during the late afternoon when the sun was shining brightly. The second was taken in the early afternoon while the sun was still hidden in the dense overcast conditions. Notice that the flower in direct sunlight has shadows being cast from its stamen and from the lower petals. The second picture has the same vibrant colors, but no distract-



ing shadows. In addition, notice that the tops of the upper petals are not washed out and that there is now additional detail available in each of the stamen. All of this is due to the indirect sunlight on the subject.

I hope that you enjoyed this article and learned several helpful techniques. Lesson #2 will be published in the following newsletter. I am going to end this lesson with one final photograph. Now that you know the secrets to creating great photos, you should be able to duplicate this shot on your next outing. I will let you decide if this is another run-of-the-mill hiking photo, or an up close and personal "keeper"



Genista Broom Moth caterpillar (*Uresiphita reversalis*), on a Spanish Broom (*Spartium junceum*) plant