

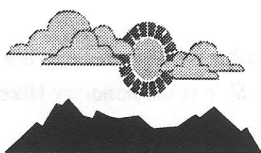
# Hiking Horizons

"Taking you to new heights"

A Publication For Adventure Hikers of the San Diego Peaks Club

Vol 5, No 6 ( Issue 30 )

June-July 1996



## Views from the Top

**H**ELP! I'm getting laid off from UCSD Medical Center at the end of the month. Time for networking. Anyone know of any jobs out there? Call me 583-0266!

**DUES ARE DUE!!** Don't forget the multi-year deal: two years for \$28, and three years for \$38 (What a bargain!).

I would like to thank the members who have sent kind notes with their renewals (See "letters"). It's nice to receive feedback.

As if we needed it, we have a new list! This is a list of 146 benchmarks found in and around Anza-Borrego State Park. This is a fun list. Lorin and I went to bag some around Clark Dry Lake and they were tough, since there is absence of distinctive features around each of them. We used techniques such as compass bearings, pacing and catching features to find the elusive markings. What a great time.

Welcome to new members Stace Beaulieu ( a delightful woman who graduated college at 19), Virginia Calimlin (a strong hiker with Al Holden's Monday group), Mike Tollas and Reema Sanghvi (Reema's an anesthesiologist with a two year old daughter), Laurie Ann Domingo (likes weekend moderate-hard hikes), and Penelope May from Laguna Beach. The club has 140 members.

## DANGER TO HIKERS

by Lucy Rosenau

The ironies are ineluctable. We go to the wilderness to escape the travails of everyday life. So do they. We seek solitude. So do they. We understand the importance of migration corridors. So do they.

"They" are illegal immigrants and drug smugglers who are now using two Southern California wilderness areas in such numbers that the Forest Service is warning recreationists who choose to visit Hauser or Pine Creek wilderness in the Cleveland National Forest not to confront anyone suspicious. An internal Forest Service report put it more bluntly: "The entire Hauser Wilderness is in the control of the smugglers. The public should not use that part of the forest because of the dangers associated with trafficking drugs and smuggling aliens."

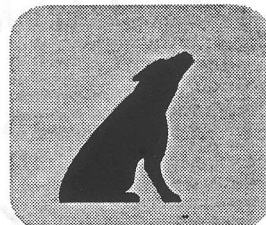
Because of their proximity to the California - Mexico border, the wilderness areas have been used by immigrants and smugglers in the past. But stepped-up enforcement at other parts of the border are driving illegal immigrants and drug smugglers into ever more remote wildlands. In 1995, the Forest Service apprehended 511 of the 774 illegal immigrants sighted in the forest and seized 160 pounds of cocaine and almost 1,000 pounds of marijuana, according to the report. The increase is also attributed to the recent collapse of Mexico's economy.

The rugged terrain of the wilderness areas and budget limitations mean that despite increased enforcement by the Forest Service and Border Patrol, the smuggling will not easily be stopped so long as there is an economic incentive to reach the United States. The Forest Service report details the economics and logistics of the smuggler's trade: "Alien and drug smuggling is very lucrative. The aliens that are smuggled into the United States already have some family members living here. A fee is charged for each alien, approximately \$400 per male and \$600 per female. Females cost more because they are considered slower for the smuggler.

"If they get into the United States, they are taken to a safe house where the smuggling operators call the family...and advise them they may come pick up [their relative] for a price. The family ... usually makes payment. If no payment is made, the person is basically put out on the street.

"When the smuggling occurs [in] the forest, members of the party that fall behind are left behind. This usually includes the very old, very young,

**SMUGGLERS (AKA COYOTES)**, continued on page 8



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# HIKER OF THE MONTH

On May 6, 1996, **SKIP RULAND**, hiker, author, artist, founder of the San Diego Hiking Club (formerly: San Diego Backpacking Club) passed from this world. He died of natural causes after several years of ill health. He is survived by family and many appreciative friends.

Skip was not a Peak Bagger, he referred to himself as a Meadow Meanderer. Indeed, the motto he chose for the Hiking (Backpacking) Club was to reflect this attitude: "a gentle leader into the Wilderness". He founded the Backpacking Club in 1980 to afford people the opportunity to trek into the local back country in small groups. After interest grew in dayhiking, the name was eventually changed to the San Diego Hiking Club. A not-for-profit corporation was formed, The Wilderness Association of San Diego, originally intended to be an educational/informational organization. For many years his knowledge of the San Diego back country was unsurpassed. He knew much of the obscure history and lore and legends of the out-of-the-way places in San Diego County. Skip, your stories have been missed at our campfires.

I'd like to close this tribute with the last journal entry made by Skip a few days before

his death.

"May 1, 1996

Thank you Father God for creating the heavens and earth for us to enjoy. Your creation is beyond anything that I could ever understand. The sound of music, voices, the wind, rivers, birds and animals.



The forms and colors of mountains, deserts, trees and flowers. The taste of potatoes and onions and eggs. The touch of another human being. The smell of cooking. The feel of the weather, pain and pleasure, accomplishment and defeat. It's impossible for me to imagine a place where

these experiences do not exist. It's beyond my understanding that so many people deny your existence and your creation. Their other beliefs deny them the enjoyment of your presence and your creation."

By D. Guy Harris

Guy is a Board member with SDHC and is a member of SDPC. Skip is the honorary Hiker-of-the-Month for June.

The Hiker-of-the-Month of July goes to 4x winner **JOHN STRAUCH**. John previously won the HOTM for completing all the hikes in Afoot and Afield in San Diego County, first edition, completing the SDPC list, winning the National Championships of the American Contract Bridge League, and now for completing all the hikes in the second edition of Afoot and Afield. Yes, he started from scratch and completed all 192 hikes. John gets some of his bridge buddies to bag all the one and two star hikes (and a few of the three star) and hikes with the SDPC or on his own to do the four and five star hikes. Hey, do you think John likes to hike?!

## TRAIL TALK

•**STEVE ECKERT** writes, "A friend of mine wrote me this line: 'I know my knee is getting better because now when I have knee pain, it's the other one.'

Reminds me of back before I had surgery on both knees... I was bitching about the pain when I rounded a corner of the trail from North Lake, and almost ran down a guy with two strap-on canes. He said "The good news is that my knees no longer hurt" and smiled. Then I realized that he had artificial legs from mid-thigh down, both legs. He was still carrying a backpack!

I stopped complaining. My life seemed a little better than I had realized, and I had someone to admire.

See you in the mountains, pain and all."

•After 35 years working for the Navy Department, **GAIL HANNA** (272-5141) is retiring on July 3. Among her many goals are the completion of the SDPC list and more great adventures with her hiking buddies. She is looking for companions for "serious" midweek hikes. (Hey, Gail, when are you going to trade in your 1942 Volkswagen for a 4WD truck?!

•New member **STACE BEAULIEU** had a tough first hike. John Strauch noted it was the "generation hike." Lorin is in his 60's, John is in his 50's, I am in my 40's, Jerry Higgins is in his 30's, and Stace is in her 20's! We did a lot of bushwacking, down Tule Canyon and up Nance Canyon in Anza-Borrego near the top of Coyote Canyon. It wasn't that it was difficult, but 5 out of 6 hikers got poison oak and Stace adds, "You can probably call me a whiner now, too: POISON OAK SUCKS." You're now, too: Stace, that was a nasty -but interesting - hike, and yes, poison oak sucks!

•Sorry to hear that **JO-ANN MARTIN**

broke her arm April 19th. She was leading a hike, less than a minute into it, when she slipped and all the weight of her 40 pound backpack fell on her arm. It hasn't slowed her down one bit though. She hikes with her arm in a cast, hiking up and down steep terrain. Kudos to you, Jo-ann.

•**JERRY SCHAD** will have a new hiking book out next month, 101 Hikes in Southern California. This book will feature the Outlaw Trail (Palm Springs to the tram) in detail.

**SUZANNE BOOKER** reports that two weeks ago near Borrego Visitor center (presumably en route to Ode and Kay) she was the victim of a dry rattlesnake bite. She kept on hiking. She never heard or saw the snake. The bite left the traditional "two fanged" scar. She is healing OK and did not receive any medical attention. Since there was no residual pain or numbness, she assumed the bite was dry. Statistically, 80% of all rattlesnake bites are dry, lucky for her.--Mark

Recently, **WYNNE BENTI** of LA saw a huge mountain lion NEXT TO THE ROAD as she "car-bagged" Hot Springs Mountain.



# GOING LIGHT

**O**K...you've signed up for an exciting trip, but the leader's told you to be sure to "go light," probably because of some combination of 1) a lot of miles, 2) a lot of cross-country travel, 3) a lot of elevation gain, or 4) a lot of days. Packing light also becomes crucial when you're carrying several pounds of technical gear for a difficult back-country climb.

While Norman Clyde is said to have carried a 90 pound pack, many PCSers routinely carry less than 20 pounds for weekend trips in the summer. By going light, we free ourselves to climb high and fast instead of acting as pack animals. Hopefully it will also extend the service life of my knees. Everyone has their own opinions on the subject, but here's my two cents worth on going light in the mountains.

The fundamentals of going light are simple: eliminate from your pack what is not essential, and reduce the weight of that which is essential. As part of this exercise, you must consider your tolerance for physical discomfort and your desire to be prepared for emergencies. You may also want to check the size of your wallet, though much weight can be saved without spending a wad of money. The process should become easier with experience.

When I was transitioning from backpacker to climber, I saw food and clothing as the areas where I could make the most progress. I was originally told to bring plenty of food because of the thousands of calories I burn when in the mountains. In reality the altitude always reduced my appetite and I'd come home from weekend trips with 2 pounds of uneaten food. I probably carried more than 500 pound-miles of uneaten food before tackling this problem. This involved analyzing what I really ate, plus realizing that underestimating my food requirements a little bit is no big deal. My goal now is to return from a trip with no food in my pack. I usually carry no lunch for the last day if it's just a hike out. Sure, I've burned more calories than I've eaten, but it doesn't affect my performance (which is more dependent on conditioning), and I can make it up at the Sizzler on the way home. There is a limit to this calorie deficit, however. After a few days on the trail, my appetite returns and my food intake goes up.

A good way to save weight on short trips is to leave the stoves at home. This means not taking dried (i.e. lighter) foods, but the net effect is less weight. On multi-day trips, when carrying a lot of food, it is probably lighter to carry dried foods and a stove.

At this point, many readers are probably saying "but what about food for an emergency?" On most trips I don't carry any. I may be complacent because I've never faced such an emergency, the worst of which is probably having a bear destroy your food. This is my thinking: 1) an emergency will not extend a trip by more than a day, 2) no one will be harmed by going for a day without food, and 3) everyone else always has too much food anyway. At least one PCS member frequently carries too little food on purpose, yet has never gone hungry.

A quick side note on being prepared for mountain emergencies. It is far better to avoid subjective hazards by exercising good judgment than to base one's safety on a pack full of "just in case" gear and food. It often holds true in climbing that "speed is safety," implying that being too "prepared" can be as much a liability as an asset. For objective hazards (where good judgment is of no help), I don't carry much more than a first-aid-kit.

**Clothing.** The key here is that the Sierra has the best weather of any major mountain range in North America (though every rule has its exceptions). For weekend trips in particular, it's usually easy to predict the weather, so I don't bother preparing for unlikely scenarios.

*GOING LIGHT, continued on page 6*

# Foot Notes

## SDPC LIST FINISH

**E**ver had a perfect day? Being where you want, doing what you want, and enjoying the experience with friends. I do a LOT of solo hiking, but last Saturday (5/4/96) I had a "perfect" day. Not only was I in the mountains, climbing a peak, I was with fifteen close hiking/climbing "associates". Light years away from the Internet, flames, diatribes and "drivel", we were climbing Combs Peak here in San Diego in pursuit of my simul-finish of the Hundred Peaks Section's 276 peaks and the San Diego Peaks Club's 117 peaks lists which coincidentally "share" 6,193' Combs Peak.

I was worried it would be too hot; it wasn't. I was worried people would get lost finding the elusive trailhead; they didn't. I was apprehensive someone might get seriously hurt as happened on my DPS list finish; a few scratches at worst. Although I had planned a ten AM departure, we didn't get going until closer to eleven. Hey, this was a casual stroll, mostly along the PCT, time was not an issue as it had been on numerous peaks before. An hour into the hike along the PCT and we were at the saddle just east of Combs' eastern slope. From here, the use-route looked thick with brush, but then, this is an HPS peak and was an all-too-familiar sight. The views from here had opened up into the desert to the east and to the north to Anza and the Desert Divide. After a short water break at the saddle, I led the group up the final 500 or so feet, hiking on a semi-brushed and ducked use-trail, over a five foot pitch of low-class three rock, then a few more feet of brush to where I arrived at USGS benchmark COMBS, my 276th HPS and 117th SDPC summit, at around 11:30 AM Saturday morning amidst cheers, hugs, and handshakes. It wasn't long before the corks started to pop and the cold Champagne was flowing. I usually don't drink before noon, but this was an exception.

The cool summit breezes forced some to wear wind breakers, but the chilling air felt good against my damp shirt. From Combs Peak I think you can literally see at least 100 HPS peaks and another 50 SDPC peaks within the sweeping 360-degree panorama. Many nostalgic memories came to mind, the most memorable being my NDA (near death adventure) hiking the Santa Rosa Ridgeline (from Toro Peak SE over Rabbit, Villager, Mile High, and Rosa to S-22). There were more peaks than I could name, at least after several glasses of Champagne. The views extended from northern Anza-Borrego State Park and Santa Rosas to Mount Baldy and San Geronio; out beyond the San Jacinto and Desert Divide to the Little San Bernardino (JTree), over to Santiago and Modjeska, Palomar and a swath of San Diego County from Cuyamaca Peak to El Cajon Mountain.

We lounged on the summit for what seemed like an hour pointing out peaks and recollections of their ascents. Then there was more Champagne, pictures and signing in the new register and can (did someone leave that there just for ME!). After all this, I was really surprised when Terry Flood called everyone's attention to read "his" list of "Top 10 ways to know that Mark is delusional about peak-bagging and has spent way too much time at altitude!". To cut to the chase, "the #1 way to know that Mark has gone completely maniac, nutso, wacko, off the deep end, and totally crazy about peak-bagging; is that he thinks that people with jobs should GET A LIFE!!". With that truth said, it was time to leave Combs and go get started (continue) on another list which several of us have affectionately dubbed the "Obscure Peaks List" or, OPS. This list primarily consists of otherwise unlisted range highpoints mainly contained in, but not limited to, mountain ranges in

*LIST FINISH, continued on page 6*



## WEEKEND OUTINGS



Paul is going to lead a series of easy, 4-5 hour "maintain-your-fitness" hikes throughout June, July and August.

**JUNE 22 SAN JAC DAYHIKE.** Al 273-2494. This hike will attempt to go crosscountry from Suicide Rock to Marion Mountain.

**JULY 1-11 PUERTO VALLARTA AND A COLONIAL CITY LOOP.** Carl Johnson 448-8542. Fly to Puerto Vallarta, local bus transportation to Guadalajara, Guanajuato, Morelia, Queretaro, and San Miguel de Allende. Spend most of trip at 6000 feet.

**JUNE 30 MAINTAIN-YOUR-FITNESS HIKE. PAUL 583-0266. IRON MTN.** Meet at Ellie Lane at 7 am, so we can get through before it gets too hot.

**JULY 4-6 SAN JAC BLOWOUT BACKPACK.** Al 273-2494. Get all seven peaks in the San Jacinto area on this superb trip. I went on it last year and it is a great, great hike.

**JULY 14 MAINTAIN-YOUR-FITNESS HIKE. PAUL 583-0266. CUYAIPAPE AND OTHER GOODIES.** Meet at 6:30 am in Mission Valley so we can be at the trailhead by 7:30.

**JULY 20 EL CAPITAN DAYHIKE.** Carl Johnson 448-8542. Sierra Club. Tough hike with 4000 feet of elevation gained by end of trip.

**JULY 20-25 ROCK CREEK CAR CAMP.** Tom's Place, Sierras. BBB members Terri Sutor and Terri Astle (571-0471) are leading five days of dayhikes. This event was very well received last year.

**AUGUST 4 MAINTAIN-YOUR-FITNESS HIKE. PAUL 583-0266. SUNSET TRAIL LOOP.** See ya at 6:15 am in Mission Valley.

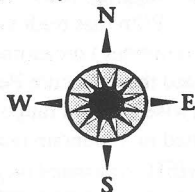
**AUGUST 3-11 COPPER CANYON.** Carl and Nancy Johnson 448-8542. Special private charter bus trip \$500.

**AUGUST 31 SILL HILL WATERFALL.** Cuyamaca area. Carl Johnson 448-8542. Sierra Club. Limited to ten hikers.

**OCTOBER 26 OUTLAW TRAIL.** PAUL 583-0266. I wanted to do it the next weekend, but this date has a full moon! If you want to do back-to-back trips you can join the DPS next weekend.

**NOVEMBER 9-11 MELING RANCH.** Veteran's Day weekend. Carl Johnson 448-8542. Call for details.

**DECEMBER 28-JANUARY 4 COPPER CANYON.** Enjoy New Years the right way! This fills up quickly. Carl Johnson 448-8542.



## SAN DIEGUITO RIVER PARK SATURDAY HIKES

All hikes require a reservation. Call 235-5440 x5. Reservations should be made within 48 hours of activity. This is a partial list of events, edited by the Peaks Club.

**JUNE 22 Saturday. 9-12. Piedras Pintadas Trail Hike.** Join Chris Khoury for an educational walk. Learn about habits and lifestyles of the Kumeyaay. From I-15 to W Bernardo Dr/Pomerado exit. Head west off freeway for 1/4 mile. The site is directly across the street from the Casa de las Campanas Retirement Center. Park in dirt lot.

## SAN DIEGUITO RIVER PARK NEWS

Special thanks to Supervisors Pam Slater, Ron Roberts and Greg Cox for taking action on January 30, 1996 to unfreeze the County's share of the San Dieguito River Park budget. The Supervisors also voted to approve changes made by the JPA Board in the Park's Focused Planning Area, and take steps toward transfer of the 1,164.5 acres purchased with San Dieguito River Valley Proposition 70 funds to the JPA. (Excerpt from RIVERSCAPE, Spring 1996).

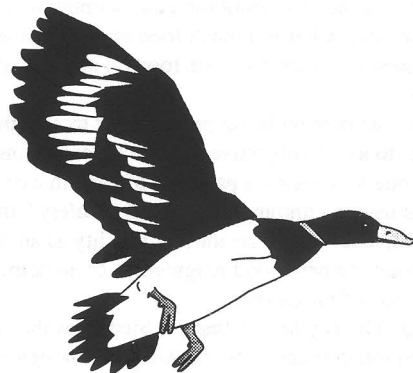
## ANZA-BORREGO FOUNDATION REPORT

In 1995, a total of 462 acres were acquired. Two parcels of 160 acres each were donated by the Kuhrts-Burnand family and another 10 acres from the Beegle estate. Total cost of acquisitions for 1995 was \$45,942.02....

"At the close of 1995, our first ever annual appeal had raised \$8,339 from 90 donors...."

"For the fourth consecutive year, ABF participated in Adventure 16's Annual Swap Meet and Sale in May. ABF gained 69 members... and earned \$1,706 from the proceeds of the sale.

Beginning in 1995, the major effort for ABF is the quest to acquire the wetland-riparian habitat at Sentenac Canyon and Cienega and property north of Scissors Crossing...." (Excerpts from DESERT UPDATE, Spring 1996).





# WEDNESDAY WALKABOUT

## HIKES with JIM SUGG

**J**im leads hikes for Walkabout International every Wednesday. His hikes vary in length and time from 8-16 miles and from 5-8 hours hiking time. They cover all areas of the county within 1 1/2 hours driving time. Many of the hikes are unique to this group! Al Holden frequently leads the first and third Wednesdays. Call 224-7895. Currently, every hike divides into two groups, average pace and faster pace.

**JUNE 19 MONUMENT PEAK. AL**  
**26 DESCANSO—GREEN VALLEY FALLS**

**JULY 3 OAKZANITA PEAK. AL**  
**10 PENNY PINES TO LAGUNA LAKES**  
**17 JAPACHA PEAK AND WEST MESA**  
**24 CUYAMACA PEAK—NORTH APPROACH**  
**31 AZALEA SPRINGS LOOP**

**AUGUST 7 WOODED HILL LOOP. AL**  
**14 COLD SPRINGS—GREEN VALLEY FALLS**  
**21 MIDDLE PEAK LOOP**  
**28 KELLY DITCH**

Kelly Ditch on August 28 represents the 474th lead and the 10th year for Jim Suggs and the Walkabouts!!!! Congratulations, Jim.

## The Happy Wanderers

### Run or Speedwalk

**Call for info-- Donna and Edwin Gookin 286-7958**  
**Gail and John Hanna 272-5141**

**The Happy Wanderers** run and speedwalk each **Tuesday or Wednesday from 6-7 pm. Meet at 5:45.**

**JUNE 19 Wed Pt Loma Lighthouse Run.** Corner of Dupont St and Catalina Blvd (on west side).

**JUNE 25 Tues Bayside Biathlon.** Ventura Cove parking area, just east of Bahai Hotel.

**JULY 3 Wed East Mission Bay Stride.** Meet just south of the Msn Bay Info Ctr.

**JULY 9 Tues NTC Channel Caper.** Enter NTC off Harbor Dr at the Admiral Kidd Club entrance. Park on bay side of the tennis courts.

**JULY 17 Wed Shepard Canyon and Beyond.** Tierrasanta Rec Ctr, approx 2 miles east of I-15 on Clairemont Mesa Blvd.

**JULY 23 Tues Mission Valley Overlooks.** Linda Vista Park, Genesee and Osler.

**JULY 31 Wed SDTC 3 Mile Fun Run.** Hospitality Point. Take Quivira Rd east from West Msn Bay Dr.

**AUG 6 Tues Rose Canyon Exploration.** Doyle Park, off Regents Rd at Berino Ct.

**AUG 14 Wed Coronado Shoreline Run.** Coronado Ferry Landing in Coronado (You can take the 5 pm ferry from foot of Broadway).

**AUG 20 Tues Waterfront Stride and Beach Party.** La Jolla Shores at the ocean end of Calle Frescota.



I enjoy renewal time, because I get to hear from everyone. The notes are greatly appreciated, especially from those people I don't see on hikes.

•Dear Paul,

Thanks for sending me your newsletter this past year. I really enjoy reading it. Enclosed is my check for \$38. Sign me up for another three years.

Maybe I'll be able to make it to a future hike someday. Leading trips for the San Diego Hiking Club keeps me pretty busy. That plus work and the Navy. The articles are informative and fun to read. Keep up the good work. Many of your hikes give me ideas for dayhikes with the SDHC. Thanks.

Keep on trekkin'. Doug [Trinder]

•From: Sue Holloway <shollowa@mail.sdsu.edu>  
Subject: SDPC

I just wanted to let you know that, in my opinion, the latest "Hiking Horizons" is the best ever. Yes, the print is smaller, but it's loaded with information since you were able to fit more on each page! It is well worth the effort of having to put my bifocals on to read it. Keep up the good work!

You can bet I'll be taking advantage of the multi-year dues plan. I've got my two hiking buddies, Judy Hummerich and Virginia Calimlin, joining also so you should be hearing from them in the near future.

•The latest newsletter (April-May 1996, pp 6) mentions that Jerry Higgins doesn't think the register is correctly placed on Mile High according to Schad's book. The register is currently on point 5260, unless some scoundrel has moved/stolen it. Schad says it's (Mile High) 5340, or two bumps NW of 5260, and claims it to be the highest bump "in the area". I have probably done them both since I did the traverse. Maybe both bumps deserve registers ala Gordon MacLeod. I think that the register should stay on 5260 because it is technically closer (in elevation) to 5280' (an EXACT mile, ergo the name) than is 5340. Mile High isn't "labeled" on the USGS map, so it's a matter of local "convention" that the register is on 5260.

In summary, I don't think the register is "misplaced" per Higgins' assessment. Rather, I think Jerry Schad is incorrect with his (Mile High) "labeling" of 5340. Let 5260 "stand" as the TRUE Mile High. Furthermore, if hikers like Jerry Higgins and Al Holden think 5340 is deserved of a register (as Al clearly points out in his report), then let them put one there and call it "Just Over A Mile High". You could even consider it for SDPC list inclusion ala HPS style (YARB — Yet Another Ridge Bump).

P.S. Note there is also a discrepancy regarding (nearby) Marble Peak (Schad says this is 3300') and the "same" Marble Peak as denoted by ABDSP maps which reveals it's over 4000'. No disrespect to Schad, but he may be in "error" here, or he's simply making his own conventions and/or peak names.

Mark [ADRIAN]

[I agree with you, Mark, regarding 5260.—Paul]

•Patty Kline renewed early, saying she enjoyed reading about Mark's testosterone [My word, not hers] adventures.



**AUG 28 Wed Lake Murray Runaround.** Ballfields near intersection of Murray Park Dr and Casselberry Way.

**SEPT 3 Tues Old Town Trolley Trot.** Trolley parking area off Taylor St at Congress St.

**SEPT 11 Wed Crown Point Jogging Paths.** Crown Pt Shores at the foot of Lamont St.

Raingear often stays at home, and there's rarely a need for duplicate clothing. Daytime temperatures are usually mild and nights are spent in sleeping bags, so the really warm stuff can usually be left at home as well. Stick to the tried and true layering system, and keep each layer light. When conditions are at their worst, you wear everything simultaneously. For shells, a very light material can provide a significant amount of protection, and it rarely needs to be waterproof. Linings and zippers and pockets just mean extra weight. Fleece, while bulky, is pretty efficient for its weight. We all get stinky together, so don't bother with a change of shirt on a 2- or 3-day trip.

**Sleeping bags** are pretty obvious. At about 2 pounds, a good (and generally expensive) summer down bag weighs a fraction of what my first sleeping bag weighed. Cheaper bags are also available that still weigh 3 pounds or less. I was going to advise against Thermarest pads because even the lightest ones weigh more than the heaviest closed-cell foam pad. Certainly the standard model Thermarest is too heavy, but the latest generation (Ultralight II?) is not too bad in the weight department.

**Tents** are another area to save pounds, and here too remember how good the weather tends to be in the Sierra. Leave it at home if you're not expecting wet weather or insects. If you think some sort of protection is prudent, consider a bivy sac. At 1 to 1-1/2 pounds each, two bivy sacs weigh less than any tent. Sometimes a tent is required, but I won't give any advice here since each person must make his own difficult purchasing trade-offs between weight, cost, and 4-season versus summer.

Once I had cut back in these other areas, I realized I could get by with a smaller and lighter backpack. Here, however, I do not value low weight above all else. A pack must carry my load

comfortably, and I will happily choose a heavier pack if it carries better by being well balanced and taking more weight off my shoulders. This becomes less critical, however, with lighter loads. Good luck in picking a good carrying pack at the store. Rent first if you can. A summit pack should weigh less than 2 pounds (1 pound is ideal), but can be eliminated entirely if your main pack is small enough - the main pack can be emptied out at camp, and used as a summit pack.

Though I still carry around a 2 pound ice axe when required, there are new light weight axes that weigh less than a pound. They're not appropriate for serious climbing, but can be just the ticket for crossing a slippery snow slope. I hear that there are also some very

light crampons to be had, though I can't comment on their durability.

**Iodine tablets** or solution are lighter than a filter, but the trade-off lies in not being able to taste the cleanness of the water. Or you can do like Kai and take none of the above and take your chances instead.

At this point we're down to the little things, and it's difficult to make specific recommendations because each person has their own set of goodies. For eating, I carry just a light bowl and spoon. I put my drink in my bowl, so I don't need a mug. Also no latrine trowel - that's what the heel of your boot is for. Well cared-for quality gear rarely breaks, so I don't bother with a repair kit. Arrange your meals so that you don't need more than one pot per stove. In the summer you typically don't need spare head lamp batteries.

An oddly overlooked way of reducing pack weight is to share stoves and tents. This might seem obvious, but I'm amazed at the number of times I've seen multiple individuals on a trip with their own stoves and 2-person tents. Though the trip leader usually coordinates this sort of thing, don't count on it. Don't be afraid to ask around to see who you can team up with.

If at the end of this exercise your pack still exceeds your target weight, try again, remembering that the ounces add up quickly. **QUESTION EVERYTHING!** Don't bring something just out of habit. As you gain more experience, rely more on that experience and less on what other people tell you, but remain open to new ideas.

- **Kelly Maas** (used with permission from the author and ESCREE, the electronic newsletter of the Peak Climbing Section, edited by Steve Eckert)



## LIST FINISH, *continued from page 3*

CA. But there is also the SPS list, the 193 AZ range highpoints, the CO 14ers, the 50 State highpoints and of course the Seven Summits (one down, six to go by the way) and I haven't even begun to research NV yet. However, no matter how many mountains you climb or lists you finish, as my good friend Richard Carey has profoundly stated: "There are still more peaks to climb".

About 1:30 PM, it was time to move on and we departed the summit groping back down through the brush to the saddle. Of course I had to take an obligatory slip and then get off the preferred route and into someless-than-appealing brush. Back at the trucks around 2:30 PM, I was presented with several more gifts including a guide book to

the Munros in Great Britain (thanks Richard), a guide book to the Swiss Alps (thanks Ken) and a bottle of Australian Merlot wine (thanks Eric and Lori). I hang out with a world-class crowd.

By 3:30 PM, with good-byes and well wishes said, many headed back to town. Meanwhile, the remainder of us camped nearby Warner Springs just off of Forest Service road 9S07 amongst a cluster of huge oak trees and grassy meadows. We spent the rest of the afternoon relaxing in the "lazy cool shade" of the oaks. After a few more celebratory beers, wine, hors d'oeuvres and engaging conversation, we were all off to sleep by 8:30 PM. The end of a perfect day.

Mark

P.S. Thanks to those who accompanied me on this hike and many others along the way: Terry Flood, Carol Snyder, Jerry Higgins, John Strauch, Gail Hanna, Richard Carey, Bill Stevens, Fred Bright, Debra Salus, Paul Flashenberg, Nancy Freeman, Dennis Richards, Eric Beck, Ken Olson (and his new dog Buster), and friend Donna.

## BIG PICACHO DAYHIKE

On April 28th, myself, John McCully, Ron Hudson, Jim Brown, and Maria Giles day-hiked Big Picacho from the west. It took 16:45 (starting at 4:45 am) round trip, including a whole 40 minutes on the summit. This is one of the hardest hikes I've ever done.

We spent most of the previous day negotiating the roads from LA; it takes about 8 hours from the South Bay to the trailhead at the "Shack". After a comfortable night's sleep, we started hiking by flashlight and made it to Blue Bottle Pass (el. 9200) about 6:15 (?). After a rest, we descended to Campo Noche (el. 6200), and started up the peak proper just before 9am. Our route was the standard Night Wash / Slot Wash / Wall Street route. This route is VERY well ducked. John, Jim, and Maria had tried the "Teapot" route last year and failed, although I expect they will return to try this less-used route in the future.

We encountered one other group, a party of four from Colorado who reached the summit just ahead of us. They had come up Diablo Canyon from the east and were camped at Campo Noche. We reached the summit about 12:40, and after partaking of the standard summit activities, we headed back down, reaching Campo Noche again about 4:20. A large group (15 or so) from a Mexican climbing club had arrived from the eastern ap

*Continued on page 7*



Continued from page 6

proach during the day, and we dazzled (?) them with tales of our exploits.

The climb back to Blue Bottle was a nightmare. John, Ron, and I reached the saddle around 7:25pm, but Jim and Maria had fallen back about 90 minutes (as we later found out). The three of us moved as fast as we could in the remaining light, and using flashlights and the moon, and got back to the cars about half past nine, but Jim and Maria spent the night out in the confusing and difficult terrain around Blue Bottle, not getting to the cars until late the next morning. They had spent most of the time walking slowly, but also had stopped to catch a few hours sleep.

There is plenty of water in the canyon at and above Campo Noche, but that is all. Except for a few small fetid pools, there is NO water anywhere else along the route, even including a "reliable" spot near 8000 ft. on the main peak. I drank about 4 quarts during the hike, plus more before and after. The weather was great - perfectly clear, just a bit warm in the afternoon.

All in all, a spectacular, and tough, way to get the DPS emblem!

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## TRIPLET ROCKS (6,151') & TWIN PEAKS (7,761')

May 21, 1994

Forget Iron Mtn, Rattlesnake Pk, Ross Mtn. The definitive local deathmarch is Triplet Rocks. Strikingly similar in terrain and appearance to the top of El Picacho del Diablo in Baja Mexico, this is the most remote and also the most difficult peak in the San Gabriel Mtns range. It is the rocky outcropping at the end of the prominent rugged ridge extending southeast from Twin Peaks. Clearly visible from Twin Peaks as well as from along Angeles Crest Hwy, it bears its moniker for its three massive summit boulders (twin, triplet...get it?). Infrequently climbed for good reason, it involves about 16 miles and 6000' + rt from Buckhorn, taking our party 13 hours (without my west Twin sidetrip). The route unknown, we brought a rope which went unused. The combination of repeated ups and downs, dense brush, loose broken ridge, exposed cl 3, and a fine summit block made for a satisfying and tiring adventure.

Bob Sumner, Asher Waxman and I set out on trail at 7:00 A.M., reaching the top of Twin Peaks two hours later. Don't even think about Triplet Rocks if it takes you longer to

get here; you'll use the remaining daylight on the ridge. The objective appeared nearby, at <3.0 miles hence. Asher and Bob graciously waited as I ran over to the top of west Twin Peak (they'd been there before). We then dropped towards Triplet Rocks, generally staying just to the east of the trailless ridgetop. The ridge is dense with brush on its west side, and steep and crumbly on its east. At first, our progress went quickly, but soon slowed near 7000' as the terrain became yet more rugged.

Three areas on the ridge merit attention. About halfway, before point 6834', is the first class 3 move: a short, exposed 20' downclimb on solid rock. The next, further on at the east end of point 6300'+, is a steep, loose, very brushy gully that drops off to the south side to avoid sheer northern cliffs and high class 5 ridgeline boulders; this large gully is seen on the topo as an indentation at the 6000' contour line. The final hurdle, found straight up from the last notch, is a pleasant class 3 scramble of a steep chute (ala Wall Street) contouring left to the summit ridge.

We reached the summit at 1:30 P.M. Our satisfaction was tempered by knowing it would be another seven hours, and more than half the total gain, back to the trailhead. The first of the summit blocks is attained by a friction move. It appears that a register had once been here. The middle and highest summit block barely tops the first; however, a 'Tyrolean traverse' seemed necessary to get to it! The vista of the wild interior of Angeles Forest was superb. Returning up the ridge, we surprised a pair of bighorn. We crossed over Twin Peaks a second time at 6:30 P.M. (heck of a pathfinder...). After a refreshing pause at the trailside spring, we hiked out to well-deserved chips and dip that were eaten at the moonlit roadside.

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## Grand Canyon "Marathon Hike"/RIM-TO-RIM-TO-RIM

by Sue Holloway

May 18, 1996 was the date a group of individual hikers attempted a Grand Canyon South Rim to North Rim and return hike. Due to Park Service rules and regulations (ie. "bureaucracy"! ), no organization is behind the hike...there is no sign-up or check-in, no mass start, no tabulation of results, no insurance and no trailguide. The Arizona Hiking Club does annually set a date and then the word gets out to those who may be interested. The hiking route follows, from the South Rim, the Bright Angel Trail to the Tonto Junction to the "Tip Off" to the South Kaibab Trail to the North Kaibab Trail to the North Rim. The return route follows, from the

North Rim, the North Kaibab Trail to the Bright Angel Trail to the South Rim. The hike is billed as 50 miles (though my figures show it as 48+ miles). The goal is to complete the hike in 24 hours.

I learned about this annual "event" from two of my regular hiking companions, Lora Hisquierdo and Judy Hummerich. Lora had participated in the past and both had trained for it last year, though, due to the closure of the North Rim Trail, the "event" wasn't held. We decided to train and participate this year. This is a recap of my experiences.

I started at 4:00 a.m. and made my first stop at 5:18 a.m. at Indian Gardens Campground (at mile 4.6). About 1/4 mile past the campground, I took the Tonto Trail turn-off and by 7:00 a.m. I was at the South Kaibab Trail junction (at mile 9). My second stop for water, food and a short rest was at Phantom Ranch at 8:05. (So far: total descent-4,720'/total ascent-710'.) From here the trail levels out and in the next 7 miles (to the next marker, Cottonwood Campground) the elevation gain was only 1,500'.

The seemingly endless stretch was between Cottonwood and the North Rim. In anticipation of this, I took a long (20 minute) break at Cottonwood, refilling my water, eating and sitting to rest my feet. A short time later (1.8 miles from Cottonwood) was "Aiken's Cabin". This looked like an oasis...shade trees, a small green lawn and, of course, a water faucet. Since I had rested so long at Cottonwood, I bypassed this stop, but decided this would be my major stop on the way back.

At this point (about 11:30 a.m.), the heat became an issue. The steady switchbacks on the trail seemed to go on and on. Two miles from the top (mile 24) the water faucet at Supai Tunnel was on so I made another very brief water and food stop. Knowing I was only 2 miles from the North Rim, gave me a boost and I quickly reached that goal at 1:55 p.m. Total elevation gain at this point was 6,370'. I took a leisurely 20 minute break, taking my shoes off to try to relieve my feet, which, at this point, were already sore and tired. (Damn!!)

I left North Rim at 2:15 p.m. and after I'd hiked about 30 minutes I saw Judy. It was great to see her...we gave each other a few words of encouragement and went on our way. Approximately 20 minutes behind her, I passed Lora. It was a great feeling to know that all three of us were most likely going to complete the hike within the 24 hour period.

What was an intermittent breeze in the morning became a very strong and extremely dry wind in the afternoon. There were numerous times between 2:00 p.m.-7:00 p.m. that I was almost blown over by the wind. Hiking down, I was facing into the wind so, what should have been a pretty easy downhill hike,

Continued on page 8



**GRAND CANYON**, *continued from page 7*  
 was made a bit more difficult by the wind. I was glad I had my hiking poles as they gave me much needed stability. I took a short break at Aiken's Cabin (6.2 miles from the North Rim trailhead) and enjoyed the grass and shade. I did put my jogging shoes on at this point because I knew the trail was pretty gentle all the way to Phantom Ranch. Though my feet were really sore I felt the change of shoes would be good. (Note on Aiken's Cabin: A guy lives there and is the caretaker of the pump/power station. I talked to him for a few minutes and found out he's had this job since 1973 and, not suprisingly, loves living in the canyon. He welcomes all hikers and on most days has cold lemonade out for them in the afternoons. He told me "quite a few hikers" had gotten in trouble today from the heat and were being cared for at Phantom Ranch. Two needed to be helicoptered out, but, due to the high winds, the helicopters were grounded until tomorrow when the conditions would be reevaluated.)

Once again, the stretch back down to Phantom Ranch was long. Though my feet were killing me I was glad I had changed to the lighter shoes as the pain hadn't gotten any worse. The high winds remained a factor and, even though it was downhill, I was sipping on Goodkinaid constantly as it was so hot and dry. I got to Phantom Ranch at 7:05 p.m. I took another long break (30 minutes)...ate, drank, relaxed and changed back into my hiking boots. There were a lot of people at the Ranch...guests as well as other hikers. I talked to eight other Rim-to-Rim-to-Rim hikers and, of those, only two were going to try to hike out that night. Of those two, only one had made it to the North Rim; the other hiker only got to the 6,000' level and turned around because his hip was really hurting. He was hiking very slowly and figured he'd be back up at the South Rim by dawn. I wished them both luck and left at 7:35p.m.

Going across the Silver Suspension Bridge it hit me that I was going to be hiking at night alone. I can't say why, but it had never occurred to me that this might be a problem. As if I could somehow postpone the darkness, I didn't turn my flashlight on until it was absolutely pitch black. It was very, very lonely.....there was no moon and, believe me, the canyon is very, very, VERY dark. I had a mental talk with myself...telling myself to stay with my game plan; that it didn't matter, day or night, it was just hiking-one foot in front of the other-and to concentrate on what was in my "bubble" (ie. within the beam of my flashlight) and not to worry about the darkness, the night sounds and the aloneness. Since I had never been on this part of the trail before, I had to pay particular attention to where I was going. With the darkness, parts of the trail were hard to pick-up and there were several water crossings. At one point I knew I couldn't be on the trail

anymore so I retraced my steps to where I was positive it was trail and picked up the correct turn and continued. This part of the hike seemed long....it was pretty much a constant uphill and I was tiring and going pretty slowly. However, I did start to see little flashlight beams ahead of me and, strangely enough, that gave me great comfort. I finally made it to Indian Gardens Campground at 9:40 p.m. (5.2 miles from Phantom Ranch and 4.6 miles to go!!). There were two hikers sleeping right by the trail, but my stop was only to refill my water and make more Gookinaid and I left within 10 minutes. Now I was back on the same trail I'd been on in the morning...more familiar territory. Within 30 minutes I passed several more hikers and at the 3 Mile Resthouse there were others who were stopped. I decided to keep going as I thought I could make it to the 1 Mile Resthouse though I ended up having to stop about 3/4 mile before to drink another liter of Gookinaid. I didn't see anyone at the 1 Mile Resthouse as I hiked by. Though I could see lights from the buildings at the top of the South Rim, I didn't have the extra energy to hike any faster. The last several miles seemed to take forever and I told myself to stop looking at my watch so often! There were two people on the trail with a lantern that seemed to be waiting for hikers. One guy said I was "almost there....300 yards to the rock tunnel and another 300 yards to the top". Those 600 yards seemed like miles, but, finally, at midnight I was on top at the trailhead. It was very cold and windy so I quickly put my warm clothes on, found my car and drove back to the Yavapai Lodge.

The next morning, I drove to Mather Campground to see Lora and Judy. They had both completed the hike also....Judy in 22 hours and Lora in 23 hours! (Sue finished in 20 hours—ed.). Judy and I compared our altimeters and noted our total gain had been 11,060' and total loss had been 10,820', a "record hiking day".

All in all, this hike was both brutal and awesome and everything in between. I was very surprised at how very sore and tired my feet were. However, the pain from about 20 miles on, while bad, didn't get any worse...it was just always there. (I need to figure out how to toughen my feet more. Distance hiking while in training obviously wasn't enough.) The other aspect was the darkness, but I dealt with that and will always anticipate that as a factor from now on. Ideally, it would be great to do this hike with someone, but, because of the distance and conditions, it would be extremely difficult to have a companion on the same "schedule". Personally, if I had hiked faster to stay up with someone, I think I would have worn myself out. And, if I had hiked slower, I might have burned out.

Will I do this again? Absolutely....next spring, but I'll schedule it to coincide with a full moon!

All in all, I have had a terrific two months of hiking. God, I love hiking...(Can you tell???)



## **SMUGGLERS**, *continued from page 1*

or sick. We will probably be locating bodies of those that didn't make it.

"Smugglers are in it for the money. If one or more in the party cannot keep up, it jeopardizes the entire group. When groups of 25-100 are being smuggled through the forest, one or two that are left behind are no worry for the smuggling operation.

"Each smuggler knows the terrain and how long it takes to get to the pick-up points. Since the initiation of the Border Patrol checkpoints, smugglers know what parts of the forest they can use, ... which routes to take, and how many days it takes to get to their first destination. The wilderness areas are prime routes for the smuggler for both drugs and aliens." The human toll of the smuggling is accompanied by an environmental toll. According to the report, "resource damage continues to increase with each group that is smuggled across the Cleveland National Forest. With each group, more trash is strewn, more items are left, more one-gallon plastic containers are thrown about, more sanitation problems develop, more unauthorized trails are made, and those that are constantly being used are widened and deepened." Only when smuggling is under control and the danger to Forest Service personnel lessens will the agency turn its attention to rehabilitating the "tremendous amount of resource damage" in the wilderness areas.

If you're considering a trip to either wilderness area or neighboring portions of the Cleveland National Forest, check with the Descanso Ranger District (3348 Alpine Blvd, Alpine, CA 91901; (619) 445-6235) for current information.

{Thanks to Wes Shelberg for bringing this report to my attention, and thanks to the California Wilderness Coalition (CWC) for granting permission to use the article. This story appeared in their newsletter, **WILDERNESS RECORD**, April 1996. CWC was formed to promote the preservation of wild lands as legally designated wilderness areas throughout California. They may be reached at 2655 Portage Bay East, Suite 5, Davis, CA 95616, (916) 758-0380 or [cwc@wheel.dcn.davis.ca.us](mailto:cwc@wheel.dcn.davis.ca.us). }

**O**h, boy, another list! This is a fun orienteering list, since a lot of the benchmarks are not highpoints. Yes, you have to know how to navigate (or have a weenie machine do it for you). Even if you have a weenie machine to navigate, by the time you finish the list you should be skilled enough to bag the benchmarks without aid. "Biff and Skippy" are alias. The use of real names would embarrass the owners. NOTE: The name of the BM is listed as it appears on the map and doesn't take into account any misspellings or variations on the actual benchmark. The actual benchmark spelling is listed in parenthesis. These are USGS benchmarks only, not Parks and Beaches or various other BMs.

## BENCHMARK LIST IN & AROUND ANZA-BORREGO STATE PARK

by Biff and Skippy

April, 1996

	7.5 MINUTE MAP	BENCHMARK	ELEV.	LOCATION	COMMENTS
1.	BUCKSNORT MOUNTAIN	SAND	4,560	R.5E/T.8S/Sec 18	
2.	BUCKSNORT MOUNTAIN	COMBS PEAK	6,193	R4E/T.9S/Sec 7	
3.	BUCKSNORT MOUNTAIN	COLLINS	4,559	R5E/T9S	
4.	BUCKSNORT MOUNTAIN	KNOB	3,431	R5E/T9S	
5.	COLLINS VALLEY	ELDER	3,433	R5E/T9S	
6.	COLLINS VALLEY	PALMS	3,121	R5E/T9S	
7.	COLLINS VALLEY	WASH	1,402	R5E/T9S/Sec 21	
8.	COLLINS VALLEY	HOUSE	2,040	R6E/T9S/Sec 18	
9.	CLARK LAKE NE	CLEO	1,596	R6E/T9S/Sec 9	
10.	CLARK LAKE NE	SARG	1,890	R6E/T9S/Sec 10	
11.	CLARK LAKE NE	CORP	979	R6E/T9S/Sec 11	
12.	CLARK LAKE NE	SHACK	726	R6E/T9S/Sec 13	
13.	CLARK LAKE NE	WYE	907	R7E/T9S/Sec 18	
14.	CLARK LAKE NE	CUTE (Cut)	1,337	R7E/T9S/Sec 17	
15.	RABBIT PEAK	RABBIT PEAK	6,623	R7E/T9S	BM is not the highpoint.
16.	RABBIT PEAK	DAWN	2,795	R8E/T8S/Sec 31	
17.	RABBIT PEAK	RUTH	5,070	R7E/T9S	
18.	RABBIT PEAK	ZOSEL	4,853	R7E/T9S	
19.	RABBIT PEAK	CRAB	4,485	R7E/T9S	
20.	RABBIT PEAK	ALICE	3,594	R8E/T9S	
21.	OASIS	TUFF	202	R8E/T8S/Sec 35	
22.	OASIS	NUT	(32)	R9E/T8S/Sec 31	
23.	OASIS	POINT	394	R8E/T9S/Sec 2	
24.	OASIS	ROCKS	655	T8E/T9S/Sec 11	
25.	OASIS	TOUR	172	R9E/T9S/Sec 6	
26.	OASIS	COOLIDGE	2,242	R9E/T9S/Sec 19	
27.	SEVENTEEN PALMS	ABE	1,410	R8E/T9S/Sec 35	
28.	SEVENTEEN PALMS	SLIP	832	R8E/T9S/Sec 36	
29.	SEVENTEEN PALMS	LOW	423	R9E/T9S/Sec 32	
30.	SEVENTEEN PALMS	HIGH	1,833	R8E/T10S/Sec 11	
31.	SEVENTEEN PALMS	COOL	857	R8E/T10S/Sec 12	
32.	SEVENTEEN PALMS	HOT	469	R9E/T10S/Sec 5	
33.	SEVENTEEN PALMS	TEEN	512	R8E/T11S/Sec 1	
34.	SEVENTEEN PALMS	SUGAR	371	R8E/T11S/Sec 2	
35.	SEVENTEEN PALMS	MESA	293	R9E/T10S/Sec 28	
36.	SEVENTEEN PALMS	CLUMP	251	R9E/T10S/Sec 27	
37.	SEVENTEEN PALMS	DUSTY	314	R9E/T10S/Sec 15	
38.	SEVENTEEN PALMS	BOYER	158	R9E/T10S/Sec 14	
39.	SEVENTEEN PALMS	TIPY	137	R9E/T10S/Sec 22	
40.	SEVENTEEN PALMS	HAVEN	121	R9E/T10S/Sec 22	
41.	FONTS POINT	ROSA	5,038	R8E/T9S	

42.	FONTS POINT	LUTE	1,172	R7E/T10S/Sec 12
43.	FONTS POINT	PAINT	973	R7E/T10S/Sec 15
44.	FONTS POINT	FONTS POINT	1,294	R7E/T10S/Sec 34
45.	FONTS POINT	SHARP	696	R8E/T9S
46.	FONTS POINT	PALM	2697	R8E/T10S
47.	CLARK LAKE	SOTO	1,240	R6E/T9S/Sec 21
48.	CLARK LAKE	NOLL	688	R6E/T9S/Sec 25
49.	CLARK LAKE	CAMP	594	R7E/T9S/Sec 30
50.	CLARK LAKE	DARE	632	R7E/T9S/Sec 28
51.	CLARK LAKE	COYOTE	3,192	R6E/T9S/Sec 35
52.	CLARK LAKE	MIST	1,101	R7E/T10S/Sec 18
53.	BORREGO PALM	CANYON RACK (Rock)	2,010	R6E/T9S/Sec 20
54.	BORREGO PALM	CANYON AHERN	1,068	R6E/T9S/Sec 31
55.	BORREGO PALM	CANYON PIKE	5,571	R5E/T10S
56.	BORREGO PALM	CANYON CODY	5,586	R5E/T10S
57.	BORREGO PALM	CANYON YSIDRO	6,147	R5E/T10S
58.	BORREGO PALM	CANYON HOB	4,853	R5E/T10S
59.	BORREGO PALM	CANYON TUCK	3,828	R5E/T10S
60.	BORREGO PALM	CANYON KAY	3,587	R5E/T10S
61.	BORREGO PALM	CANYON ODE	1,510	R5E/T10S/Sec 36
62.	BORREGO PALM	CANYON GEM	715	R6E/T10S/Sec 31
63.	RANCHITA	YAP	4,128	R5E/T11S/Sec 11
64.	TUBB CANYON	GOAT	4,232	R5E/T11S
65.	TUBB CANYON	WEBO	4,173	R5E/T11S
66.	TUBB CANYON	TED	2,000	R5E/T11S
67.	TUBB CANYON	RASS	1,877	R5E/T11S
68.	TUBB CANYON	HANS	929	R6E/T11S
69.	TUBB CANYON	WEE	4,068	R5E/T11S/Sec 16
70.	TUBB CANYON	CHIMNEY ROCK	4,640	R5E/T11S/Sec 8
71.	TUBB CANYON	BONNY	4,574	R5E/T11S/Sec 17
72.	TUBB CANYON	HUT	4,280	R5E/T11S/Sec 17
73.	TUBB CANYON	HOPE	4,000	R5E/T11S/Sec 20
74.	TUBB CANYON	BAKER	4,084	R5E/T11S/Sec 21
75.	TUBB CANYON	WILSON	4,573	R5E/T11S
76.	TUBB CANYON	DON	4,275	R5E/T11S/Sec 20
77.	BORREGO SINK	WOODS	647	R7E/T11S/Sec 19
78.	BORREGO SINK	ENSIGN	561	R6E/T11S/Sec 9
79.	BORREGO SINK	CAL	1,006	R7E/T12S/Sec 6
80.	BORREGO SINK	SHIP	1,616	R6E/T12S/Sec 3
81.	BORREGO SINK	PERPENDICULAR BLUFF	1,741	R6E/T12S/Sec 11
82.	BORREGO MTN	BANK	360	R8E/T11S
83.	SHELL REEF	COACH	565	R8E/T11S
84.	SHELL REEF	MUD	447	R8E/T11S
85.	SHELL REEF	LOAF	208	R9E/T11S/Sec 6
86.	SHELL REEF	HIDE	288	R9E/T11S/Sec 7
87.	SHELL REEF	OCOTILLO	455	R8E/T12S/Sec 14
88.	BORREGO MTN SE	SPLIT	1,170	R8E/T13S/Sec 25
89.	BORREGO MTN SE	PLANO	149	R9E/T13S/Sec 7
90.	BORREGO MTN SE	CERRO	720	R8E/T13S/Sec 12
91.	BORREGO MTN SE	WHAT	319	R9E/T13S/Sec 22
92.	WHALE PEAK	YAK	3,657	R7E/T12S
93.	WHALE PEAK	WHALE PEAK	5,349	R6E/T13S/Sec 24
94.	EARTHQUAKE VALLEY	GRAPEVINE MTN	3,955	R5E/T12S



95. EARTHQUAKE VALLEY	ARENA	3,504	R6E/T12S
96. EARTHQUAKE VALLEY	SHAKE	3,055	R6E/T13S/Sec 20
97. EARTHQUAKE VALLEY	FOOT & WALKER PASS	2,867	R6E/T13S/Sec 19
98. EARTHQUAKE VALLEY	REGO	3,680	R5E/T13S/Sec 14
99. EARTHQUAKE VALLEY	QUAKE	3,164	R6E/T13S/Sec 29
100. EARTHQUAKE VALLEY	SEYER	2,749	R5E/T13S/Sec 26
101. EARTHQUAKE VALLEY	MOUND	2,380	R5E/T13S/Sec 33
102. EARTHQUAKE VALLEY	BUCK NORTH	3,769	R5E/T13S/Sec 29
103. CUYAMACA PEAK	GAR	5,063	R4E/T14S/Sec 1
104. MONUMENT PEAK	ROOST	4,351	R5E/T13S/Sec 32
105. MONUMENT PEAK	DOOME	3,056	R5E/T13S/Sec 33
106. MONUMENT PEAK	WASH	2,771	R5E/T14S/Sec 3
107. MONUMENT PEAK	GARNET MTN	5,669	R5E/T14S/Sec 20
108. MONUMENT PEAK	MONUMENT PEAK	6,271	R5E/T15S/Sec 1
109. AGUA CALIENTE SPRINGS	GUARD	1,592	R6E/T14S/Sec 12
110. AGUA CALIENTE SPRINGS	AGUA	1,429	R7E/T14S/Sec 7
111. AGUA CALIENTE SPRINGS	STORE	2,000	R7E/T14S/Sec 18
112. AGUA CALIENTE SPRINGS	CALIENTE	1,608	R7E/T14S/Sec 20
113. AGUA CALIENTE SPRINGS	DIABLO	2,440	R7E/T14S/Sec 3
114. AGUA CALIENTE SPRINGS	STAGE	2,816	R7E/T14S/Sec 32
115. ARROYO TAPIADO	PELVIS	1,011	R7E/T14S/Sec 26
116. ARROYO TAPIADO	ANDY	1,847	R7E/T15S/Sec 3
117. ARROYO TAPIADO	VALLE	872	R8E/T15S/Sec 6
118. ARROYO TAPIADO	LOST	865	R8E/T15S/Sec 3
119. CARRIZO MTN NE	GERT	767	R8E/T15S/Sec 2
120. CARRIZO MTN NE	EAGLE	2,371	R9E/T14S/Sec 1
121. CARRIZO MTN	LECKIE	638	R8E/T15S/Sec 14
122. CARRIZO MTN	CARRIZO MOUNTAIN	2,408	R9E/T15S/Sec 35
123. SWEENEY PASS	PALM	1,927	R7E/T15S/Sec 23
124. SWEENEY PASS	EGG MOUNTAIN	902	R7E/T15S/Sec 24
125. SWEENEY PASS	MINE	1,850	R8E/T15S/Sec 26
126. SWEENEY PASS	MORTERO	1,910	R8E/T16S/Sec 23
127. SWEENEY PASS	GRUNT	2,144	R7E/T16S/Sec 26
128. SWEENEY PASS	WINDY	2,442	R8E/T16S/Sec 30
129. SWEENEY PASS	MOAN	2,939	R8E/T16S/Sec 29
130. SOMBRERO PEAK	SOMBRERO PEAK	4,229	R7E/T15S/Sec 29
131. JACUMBA	GASP	3,223	R7E/T16S/Sec 35
132. JACUMBA	GROAN	2,732	R8E/T16S/Sec 31
133. JACUMBA	PUFF	2,716	R8E/T16S/Sec 32
134. JACUMBA	JACUMBA	4,512	R8E/T17S/Sec 9
135. JACUMBA	CABEZ	1,665	R8E/T16S/Sec 26
136. JACUMBA	MT TULE	4,647	R7E/T17S/Sec 11
137. IN-KO-PAH GORGE	JADE	3,587	R8E/T18S/Sec 1
138. IN-KO-PAH GORGE	PUTO	3,503	R8E/T18S/Sec 12
139. IN-KO-PAH GORGE	NOPAL	4,274	R9E/T18S/Sec 6
140. IN-KO-PAH GORGE	WHIP	4,318	R9E/T18S/Sec 7
141. IN-KO-PAH GORGE	SMUGGLER	4,548	R9E/T18S/Sec 8
142. IN-KO-PAH GORGE	QUIRK	4,031	R9E/T18S/Sec 5
143. IN-KO-PAH GORGE	GOLD	3,866	R9E/T18S/Sec 5
144. IN-KO-PAH GORGE	TAHE	4,121	R9E/T18S/Sec 8
145. IN-KO-PAH GORGE	JOE	2,140	R9E/T17S/Sec 36
146. IN-KO-PAH GORGE	JACK	2,118	R9E/T18S/Sec 2