CHAIRMAN'S CORNER

During a navigation noodle I participated in last April, one of the M-level navigation candidates asked me what I thought was the most important thing for a mountaineer to possess. Perhaps he meant equipment, and I should have answered by naming a particular kind of compass, backpack, or tent, but that didn't occur to me until I reflected on this later. Instead, words like confidence, stamina, experience, resolution, adventuresomeness, and mettle flashed through my mind. As I turned to answer, I surprised even myself by answering "a sense of humor."

Obviously, it was not the answer he expected because his face did not betray his disappointment in such an answer (and perhaps my credibility as a mountaineer disappeared with it as well). Not without some awkwardness did he immediately change the subject to the profundities of converging gullies, benches, and ridge crests.

Later, I checked my climbing books and confirmed what I already knew: none of them mentions a sense of humor as being important to mountaineering. Clearly, this is a oversight on their part.

I doubt whether there is one thing that is "most important" for a mountaineer to possess; but, if you were asked that question, what would you answer?

\[Signature\]

WANTED:

DESIGN FOR

****

SPS LIST FINISHER PIN

****

Submit your idea(s)
to any member
of the SPS
Management Committee
by
August 1st.

ANYONE INTERESTED IN A PRIVATE PEAK CLIMBING TRIP?

When the Olympics are over, a trip to the Sierras sounds like a good idea. The dates are August 12 through 19. Exact area not yet determined, will have to be flexible depending on availability of permits. If interested let me know. Eivor Nilsson (818)769-4619

COVER PHOTO: Rappelling is the sensible way off Thunderbolt, which is what Mary McMannes is demonstrating for us.
July
6-8 Williamson
7-9 Norman Clyde
13-15 Corcoran
14-15 Clyde Minaret
14-22 Upper S. Fork Kings R. (Arrow, Pyramid, Ruskin, Pinchot, Wynne)
21-22 Merriam, Royce
21-22 Kennedy, Harrington
21-22 Gilbert, Johnson
27-29 Giroud, Observation
28-29 Izaak Walton
28-29 Winchell

August
3-5 Haeckel, Wallace
3-6 Gardiner, W. Vidette, Deerhorn
4-5 Red Slate, Red & White
4-5 Russell, Carillon
4-5 Abbot, Mills
10-12 Hooper, Gemini, Seven Gables, Senger
11-12 Norman Clyde
13-16 Memmed, Red, Gray, Clark
14-20 Scylla, Cheryldis, Glack Giant, McDuffie, Fiske, Hurley
17-19 N. Palisade
18-19 Red Slate, Red & White
18-22 Tower, Black Hawk, Leavitt, Stanislaus
18-25 Striped, Goodale, Arrow, Pyramid, Pinchot, Wynne, Perkins, Colosseum, Baxter
18-26 Triple Divide, Whaleback, Glacier Ridge, Lion Rock, Stewart, Eagle Scout, Lippincott, Eisen
19-25 Seven Gables, Recess, Gemini, Hooper, Senger
24-26 N. Palisade
24-26 Junction, Keith, Bradley
24-26 Norman Clyde
25-26 Clyde Minaret
31-03 Pettit, Plute, Volunteer
31-03 Joe Devel, Pickering, Newcomb, Corcoran
31-03 Triple Divide, Lion Rock

Sept.
1-3 Cotter, Gardiner
1-3 Wynne, Pinchot, Perkins, Colosseum
1-3 Sill
1-3 Koip, Parker, Wood
7-9 Thunderbolt
7-9 Brewer, N. Guard, S. Guard
8-9 Haeckel, Wallace
8-9 Granite Park Peaks
14-17 State, Goat
15-16 Iron
15-16 Kings Cyn Overlooks
15-16 Whorl, Twin, Virginia
15-16 LeConte, Mallory
15-16 Davis
15-17 N. Guard, Brewer
22-24 Ritter, Banner, Clyde Minaret
29-30 Abbot, Morgan#1
29-01 Plute

Haiford, Wankum
Gubersky, Titus
Lees, Beverage
Rohn, Kabler
Hudson, Edwards
Ereakwell, Machleder
Mihaljevich, Secor
Dykeman, Wong
Rohn, Dykeman
Hollemann, Holleman
McRuer, Mantle
Erb, Rutherford
Gordon, Camphausen
Keeler, Wankum, Watson
Duryea, Gygar
Danta, Mantle
Moore, Titus
Mantle, Kabler, Akawie
Hudson, Machleder
Rohn, Kabler
Neuner, Hill
Stein, Conrad
Mauk, Sparks
Van Dalsem, Dykeman
Erb, Rutherford
Gubersky, Danta
Titus, Moore
Jones, Valkass
Gordon, Magnuson
Kabler, Rohn
Conrad, Mauk
Mihaljevich, Machleder
Toby, Valkass
Dykeman, Gordon
Neuner, Hill
Keating, Fletcher
Gubersky, Jones
Van Dalsem, Rohn
Hudosn, Freyer
MacLeod, Hickman
Russell, McRuer
Toby, Dykeman
MacLeod, Sanders
Valkass, Van Dalsem
Goebel, Crandall
Murphy, Gordon
Mauk, Conrad
Van Dalsem, Hughes
Anglin, Van Dalsem
Machleder, Blauvelt
THE FORCE OF WATER

The following table has been designed to help someone assess his or her chances of survival during stream crossings.

<table>
<thead>
<tr>
<th>Time for &quot;log&quot;</th>
<th>Stream speed in feet per second</th>
<th>Stream speed in miles per hour</th>
<th>Force of water in lbs on 1.2&quot; of body surface</th>
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<td>to travel 100', in seconds</td>
<td>68</td>
<td>1.5</td>
<td>1</td>
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<td>23</td>
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<td>7</td>
<td>14.6</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>21.9</td>
<td>15</td>
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The idea is to toss a piece of wood or some type of float (perhaps the assistant leader?) into the water and time it over a measured distance to determine the stream speed. "Stream speed in feet per second" has been included for those without 100' of rope. The "Force" column is from Hal Roth's Pathway in the Sky, pp. 112-113. 1.2" represents the amount of surface the human body exposes into the water when wading a stream waist deep of so; streamlined legs have been figured in.

One fact that should be stressed when using this chart is that a 150 lb human doesn't necessarily weigh 150 lbs when standing waist deep in water. (According to the Coast Guard, an average male has 12 lbs of buoyancy in salt water when not moving.) Also, I doubt that many people are able to do leg lifts with 100 lbs of weight on their legs, with repetitions.

R.J. Secor

(conclusion: fast water is dangerous. ed)

JUL 28 - AUG 3 SAT-FRI WYOMING CHAPTER

We will spend the week in and around the Gannett Pk area, in the Wind River Range. Gannett Pk is the highest pk in Wyoming, but not technically difficult; ice axe required for pk climb. Participants must be in shape for the hike to base camp. Our itinerary is flexible to allow other pk climbing, fishing, exploring, late season crosscountry skiing. Trip size limited. Send 2 large sase to leader. Be sure to include carpooling information, as well as ability to assist in organizing LA participants. Leader: JON FREDLAND, 7165 Salt Creek Hwy, Box 10, Casper, Wyoming 82601. W (307) 234-0547; H (307) 266-3628
ECHOES FROM THE PAST
Ron Jones
Five Years Ago in the SPS

Ed Wheelock, Walt Hill, Kevin and Sherry Sullivan became SPS Emblem holders #386-389 during this period. Gordon Lindberg, Glen Cooperman, Ralph Johnson and Rod Schaerer joined the SPS in 1979. Former SPS Chair, Rick Jali, was offering silk screen SPS teeshirts, red logo on white - you furnish the tee shirt, for $2.00. Dale van Dalem and Chuck Stein led 13 people on a Memorial Day climb of No. Palisade. Two persons climbed Polemonium & 7 climbed T-Bolt. Dave Vandervoot and Bill Russell led a successful climb of Coyote and Angora during which Bill T redrew the USFS map of the area. Harold McFadden and Dan Warner led 7 on a formidably awesome crossing of Crown Creek enroute to Tehipite Dome and Spanish Mtn.

Ten Years Ago

Joanna Stein, Bill Stein and Ben Stein joined their father as SPS members. John McKinley (last heard of by me from Salt Lake City) became emblem holder #293. George Toby led a Memorial Day climb of Mt Williamson via George Ck. Nineteen persons reached the summit. Doug Mantle and Ouno Ranschau led Pettit, Piute and Volunteer on a 4 day trip with 16,000 ft elevation gain in 60 miles. One participant joined the leaders on this excursion. Dick Ramirez and Phil Bruce led 20 people on a backpack of Olancha. Andy Smatko led 16 on a family backpack into the Silliman Lake area. Lisa Schuler (daughter of Bill) qualified for SPS membership at age 7 by climbing Silliman.

Twenty Years Ago

Trip reports for this spring period included the long approach & climb of Kern Fk from Troy Meadows on the Memorial Day holiday of 1964. Thirty climbers back packed 16 miles to base camp and 16 made the summit the next morning. Gordon MacLeod, Barbara Lilley & Sy Ossofsky hiked & Skied to Mt Goddard over the Memorial Day weekend. Birch, Black Mtn, Disappointment Fk, Mt Eisen and a Kaweah Basin collection were all successful June climbs. Meanwhile during June, Ed Lane, Arkel Erb, Sy Ossofsky, Barbara Lilley, Mike McNicholas and Mike Hiehle were preparing for a (successful) attempt of McKinley in July via the West Buttress. Sy Ossofsky, Gordon MacLeod and Ann Coolidge became emblem holders # 80-82.

Twenty Five Years Ago

Elwyn Beach (father of SPS member Dick Beach) and Bob Alleman became SPS members number 143-44. Paul Hunter, Miles Brubacher, Lyn and Helen Wright earned emblems # 31-34 in May-June of 1959. Bill Sanders, John Robinson & Al Finney led 41 on a Memorial Day climb in the Palisade Glacier area. John Wedberg led 15 on a spring ascent of Mt Humphries by 2 routes. Bud Bingham & Tom Amneus led a group of 20 up Mt Bradley from the east via Pinyon Cyn. Wood was plentiful at their camp at 10,200 ft and the group enjoyed a warm campfire. The fire was visible in Independence & several residents there called the Sheriff's office in the fear someone might be in trouble. Fortunately the party had checked in with the Sheriff before the climb & deputies assured the callers that everything was in order.

--Ron

FOR SALE - Thommens altimeter/barometer like new; 15,000 ft range; 50 ft interval calibration. $75.00. Tel RON JONES 714/786 7922.
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<tr>
<td>Gendreau, Larry</td>
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<td>Fountain Valley, CA</td>
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**Mistakes are oft the stepping stones to failure.**

**Psychiatrist to patient:** "After all these years you still feel guilty? You should be ashamed of yourself."
The Sierra ECHO is published seven times a year by the Sierra Peaks Section of the Sierra Club.

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SUBSCRIPTIONS are $4.00 per year due by March 31. Subscribing to the ECHO is a requirement for active membership in the SPS. Send new subscriptions to the Secretary (above), include your Sierra Club membership number. Send renewals to the Treasurer (below). New applications received after October 1 are credited through the next year.

FAMILY SUBSCRIPTIONS: Only one ECHO subscription is necessary for members of a family residing at one address.

AWARDS: Emblem pins ($7.50) and patches ($2.00) are available from the Treasurer: Randy Danta, 1075 Triunfo Cyn Rd, Westlake Village, CA 91361.