

alpine echo echo

BOEING EMPLOYEES ALPINE SOCIETY, INC.



President	Rick Gibbs	655-8020
Vice Pres.	Glen Brindeiro	773-1356
Secretary	Kim Williams	655-6300
Treasurer	Bill Wood	773-5838
Past Pres.	Walt Bauermeister	342-0662

Activities	Steve Mittendorf	655-4680	44-16
Programs	Jan Glick	251-2264	
Equipment	Marty Pecoraro	655-0855	
Membership	Rick Isakson	237-7785	79-98
Conservation	Lynne Filer	259-0222	
Echo Editors	Jan & Dave Curran	237-7955	72-21

January Meeting

Date: Thursday, January 10, 1980 (the second thursday of the month)

Time: 7:30 P.M.

Place: BSRL Cafeteria (Building 15-01)

Program: First Ascent of Gasherbrum I (1958)

Speaker: Pete Schoening

Pete was a member of the 8-man team that made the only American first ascent of an 8000 meter peak. Gasherbrum I (Hidden Peak) had been attempted twice before. Pete Schoening has been climbing since 1946, and should provide us with some insight on climbing in the 40's & 50's.

December Monthly Minutes

Rick Gibbs opened the meeting by calling for the officer reports. The treasurers report was approved as published in the December ECHO. Bill Wood also announced the purchase of two new pairs of Sherpa snow shoes. Brad McCarrell announced his raft trip on the Skagit River for eagle watching. See last months ECHO for details and call Brad at 334-3490 if your are interested in making the trip. Rick also introduced Phil Ersler who is the head guide for Rainier Mountaineering who talked about his July 1980 guided Mt. McKinley climb for Boe Alps members which is offered at a very special reduced rate. Interested parties should see this month's Activities report for information on the trip. Dan Cauthorn was the December speaker. He presented two slide presentations, one of his climb of Mt. Salisbury in Alaska's Fairweather Range and the other of his expedition to the unclimbed peaks of Baffin Island.

December Treasurer's Report

Beginning Balance	\$ 1656.16
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Disbursements

Equipment	243.14
Misc.	3.14
Speaker	<u>100.00</u>

Receipts

\$ 0

Ending Balance

\$ 1309.88

Total Disbursements	\$ 346.28
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BOEALPS: January Activities

Due to the lack of interested participants many of the December activities are being reoffered. It is hoped that with the holiday season behind us and some hopefully improved snow conditions that more members will take advantage of these opportunities.

Carbon River Ski Tour (or Snowshoe) Trip Mid January

Dave Larson is planning a ski tour up the Carbon River on the northwest side of Mt. Rainier. This is a fairly easy trail which offers great views of the mountain. Call Dave at 655-3016 (W) or 839-8045.

Silver Peak Ski Tour or Snowshoe Trip January 19 & 20

Jack Leicester is planning a probable overnight trip into Silver Peak (Snoqualmie Pass area). The approach will be made the back way through Otlalie Meadows. Jack can be reached at 342-5212 (W) or 546-2086.

Cross Country Ski Weekend at Mt. Baker January 26 & 27

Arrangements for a weekend of skiing at Mt. Baker are again underway. Accomodations will be for two nights, Friday and Saturday, at Sno-Line Condominiums, for \$10/night per person. Lessons and rental will be available for those skiers interested. Specify shoe size and height when reserving skis. Call Steve Mittendorf at 655-4680 (W) or 283-2023 early in January for reservations.

Call Jim Kissell at 772-5353 if you want to be placed on the cross country ski roster.

Indian Henry's Hunting Ground Snowshoe Hike January 5 & 6

Over night snowshoe hike to Indian Henry's Hunting Ground in Mt. Rainier National Park. Call Glen Hitchcock at 655-5846 or 878-3784.

Mt. Rainier Feb. ?

Climb to Columbia Crest via Success Cleaver. Weather will decide the date, plan on a minimum of four days. Interested climbers should have double boots, snowshoes, and cold weather experience. The route is not technical, but weather will require full arctic-type protection. Interested climbers should plan to reserve all weekends in February for this climb. Leader: Glen Hitchcock 655-5846/878-3784

Devils Peak Snowshoe Climb January 26

Roy Ratliff wants to make his second annual winter attempt on Devils Peak, assuming snow conditions improve. Call Roy at 773-2380 (W) or 782-7651.

Mt. McKinley July 1980

All Persons interested in a club climb of Mt. McKinley should contact Phil Ersler or Roy Ratliff. Both have been club members for several years and past instructors for the spring climbing course. Phil has led four prior expeditions to Alaska. Contact Phil at 641-7264 or Roy at 773-2380 (W) or 782-7651.

Avalanche Seminars - see the December ECHO

FEBRUARY MEETING
FINAL ANNOUNCEMENT

BOEALPS ANNUAL BONQUET

JOHN ROSKELLEY

FIRST ASCENTS OF GUARISHANKAR (23,442') IN NEPAL
AND
ULI BIAHO (20,000') IN PAKISTAN

Friday, February 1, 1980

Bellevue Holiday Inn - - Evergreen Point Room
11211 Main Street

- * Bar at: 6:30 PM
 - * Dinner at: 7:30 PM
 - * Sign-up forms and payment must be received no later than Friday, January 18, 1980
 - * Sign-up will be limited to 150 persons.
 - * Send the form below and a check made out to "BOEALPS" to:

Kim Williams
M/S 15-26
Org. 2-2345

- * There will be no tickets sold at the door.

(DETACH HERE)

BANQUET RESERVATION

Name: _____

Price: \$8.00 per Person
(Includes Tax & Tip)

M/S:

Number of Persons

Org.

Total Enclosed

Phones: (Work)

(Home)

Registration Number

Eagle Watch (article taken from the Seattle Times)

Although the bald eagle is classified as an endangered species, Washington has a sizable number of the thousand pairs left in the contiguous 48 states. The few remaining nests are situated on isolated sections of Puget Sound and the ocean beaches. When lakes and rivers of Canada and Alaska are frozen, Washington serves as the winter home for a large number of migrants.

Even though the bald eagle, the official symbol of America is protected, it is nevertheless shot at from airplanes for sport and from the ground by vandals. It is also menaced by chemicals, by logging that removes dead snags required for nesting, by vacation-home subdivisions in waterfront areas and by bird lovers crowding in for a close-up look.

The best place to view bald eagles without disturbing them is from car windows on State Highway 20 (North Cascades Highway) at the Skagit River Bald Eagle Natural area. From mid-December to mid-February, between 300 and 500 eagles congregate on the river banks between Rockport and Marblemount. The state has provided a parking lot overlooking a favorite feeding area which is far enough from the birds so they are not disturbed. Closer views can be had from the car window where the highway parallels the river bank. As long as viewers stay inside their cars, the eagles are not disturbed.

Another, but controversial, way of seeing the birds is by boat or raft. Both modes of transportation frighten the eagles from their perches and feeding. No one knows how much disturbance the eagles will tolerate before permanently abandoning an area.

The Skagit River Bald Eagle Natural Area is a gift to the state from the Nature Conservancy, which used donations that had been made for that purpose from private individuals and a logging company.

Bald eagles are best seen in winter on a rainy day. Look for them along river banks feeding on dead fish. Besides the Skagit River, they frequently inhabit the Nooksack and Columbia Rivers.

Avalanche Watch: Danger Signs (article taken from the Seattle Times)

Avalanche forecasting can save lives and property. Increasingly large numbers of people are going into unprotected, undeveloped areas and exposing themselves to the awesome power of avalanches. Checking conditions before heading out is the best possible safety measure that you can take. But once you are out, what should you look for?

Avalanches are most likely to happen on smooth, open slopes or in defined paths, such as gullies or chutes, and on slopes with overhanging cornices. Heavily treed slopes offer some protection, but avalanches can start even among trees.

Weather conditions are extremely important. Heavy snowfall of an inch an hour or more quickly can increase the avalanche hazard, particularly if accompanied by gusting winds. Another problem is a cold storm that warms up and causes unstable snow conditions. Whenever the temperatures rise above freezing, the most recent snow layers become very avalanche prone.

Back country travelers should watch for the following danger signs:

- If avalanches are seen on a slope it is wise to expect that similar slopes are likely to avalanche.
- Hollow or cracking sounds from the snow underfoot are indications of unstable conditions, as are visible crevices in the snow.
- Travel in avalanche-prone areas should be on top of ridges or in wide valleys well away from the main route an avalanche would take.
- Only one person at a time should cross potential avalanche areas, and groups should not be roped together unless the rope is firmly attached to an immovable anchor outside the avalanche path.
- If caught in an avalanche, do not try to hang onto your equipment, it could hold you down. If you are on skis try to maintain your balance and ski to the edge. Make swimming motions to stay on top of the snow while working towards the edge of the slide.
- Before coming to a stop, try to get your hands in front of your face and make an airspace in the snow.
- If you see someone trapped by an avalanche, mark the point by eye sighting where you last saw the victim. As soon as the avalanche has completely halted (check the hillsides for signs of more sliding), cross carefully to that spot and search directly below. Probe the snow carefully with a ski, pole or long branch. Look for articles of clothing or equipment to determine likely areas to probe.
- Do not desert the victim to go for help. Time is essential in getting the victim out alive, chances of survival are cut in half after the first half hour and the victim could smother.

See the December ECHO for information on avalanche forecasts.

Keep these phone numbers handy!

County Sheriffs Emergency Numbers

Chelan: 509-663-2636
Clallam: 206-452-2333
Grays Harbor: 206-532-3284
Jefferson: 206-385-3831
King: 206-344-3830
Kitsap: 206-876-7101 *
Kittitas: 509-925-9858
Lewis: 206-748-8887
Mason: 206-426-9766
Okanogan: 206-422-3130
Pierce: 206-593-4970
Skagit: 206-336-3146
Skamania: 509-427-5626
Snohomish: 206-258-2484
Whatcom: 206-676-6711
Yakima: 509-575-4342

* after regular hours call 911

Misc. Numbers

Wash. State Ferries Info: 206-464-6400
Seattle MRC Call Center : 206-488-8580
Snow Cond. Report : 206-442-SNOW
State Weather : 206-285-3710
Pass Report : 206-464-6010

Park Service

North Cascades: 206-873-4500
Mt. Rainier: 206-569-2211
Olympic: 206-452-9235

Forest Service - Main Offices

Mt. Baker-Snoqualmie: 206-442-5400
Colville: 509-684-5221
Gifford Pinchot: 206-696-4041
Okanogan: 509-422-2704
Olympic: 206-434-9534
Wenatchee: 509-662-4223

Mt. Baker-Snoqualmie Districts

Baker River: 206-853-2851
Darrington: 206-436-1155
Glacier: 206-599-2714
Verlot: 206-691-7791
North Bend: 206-888-1421
Skykomish: 206-677-2414
White River: 206-825-2517

Gifford Pinchot Districts

St. Helens: 206-238-5244
Mt. Adams: 509-395-2501

Olympic Districts

Helton: 206-426-8265
Quilcene: 206-765-3368
Hoh River: 206-374-6925
Staircase: 206-877-5569

Okanogan Districts

Twisp: 509-997-2131
Winthrop: 509-996-2266

Wenatchee Districts

Chelan: 509-682-2576
Cle Elum: 509-674-4411
Ellensburg: 509-962-9813
Entiat: 509-784-1511
Lake Wenatchee: 509-763-3103

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Echo Editors	Jan & Dave Curran	237-7955	72-21

ANNUAL BANQUET

FEBRUARY 1 1980

BAR AT 6:30 P.M.

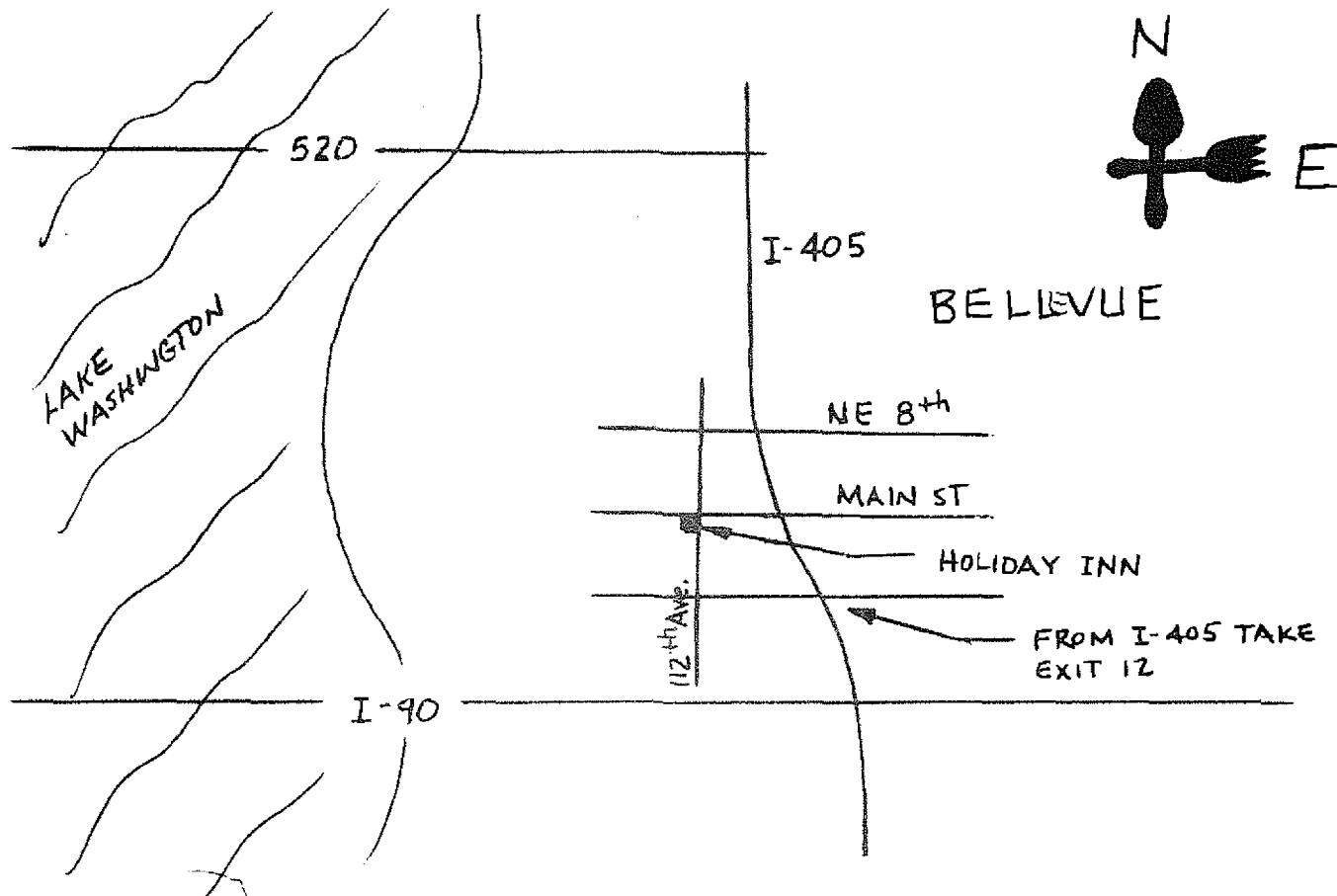
DINNER AT 7:30 P.M.

FEATURED SPEAKER: JOHN ROSKELLEY

IF YOU HAVE NOT PURCHASED YOUR TICKETS YET AND WISH TO DO SO, CONTACT KIM WILLIAMS IMMEDIATELY AT 655-6300 TO MAKE ARRANGEMENTS. TICKETS WILL NOT BE SOLD AT THE DOOR!!

BELLEVUE HOLIDAY INN -- 11211 MAIN STREET

EVERGREEN POINT ROOM



January Monthly Minutes

Rick Gibbs opened the January meeting by calling for officer reports. Bill Wood, Treasurer, reported our balance as \$1162.00. He urged everyone to get their money in for the banquet tickets so that the budget would not run short when we pay for the banquet. Steve Mittendorf had flyers on an avalanche class and information on a mountain medicine course. Contact him for more information. Steve also wants volunteers to join in the SKI TO SEA race. Rich Isakson was not present so Rick Gibbs announced that membership cards will be issued in early February. Starting in March all equipment being checked out will require the presentation of your membership card. Dave Curran urged all copy for the ECHO be turned in to him no later than the 15th of the month in order to get it published in the next months newsletter. Roy Ratliff again mentioned that if anyone is interested in the 1980 climbing class, they should contact him.

The January speaker was Pete Schoening. Pete showed slides of his 1958 climb of 8000 meter Hidden Peak which was an American first ascent. It was an excellent show and we were very glad to have Pete with us. Thanks to all the members who made it to the meeting inspite of the bad weather!!

February Treasurer's Report

Beginning Balance \$ 1309.88

<u>Disbursements</u>		<u>Receipts</u>	
Refreshments	50.63	Equipment	\$ 55.00
Speaker	50.00	Banquet	674.00
F.W.O.C. Dues (79-80)	100.00	Total Receipts	729.00
School Rental for Climbing Class	60.50	Ending Balance	\$1775.75
Misc.	2.00		
Total Disbursements	263.13		

February Activities

Snowshoe Climb

Feb. 9 & 10

Steyen's Pass Area

Contact Roy Ratliff at 723-2380 (W) or 782-7651

Snowshoe Climb

Feb. 16

Commonwealth Basin, either Mt. Snoqualmie or Red Mountain
Contact Jerry Baillie at 655-4064 (W) or 641-1504

Mt. McKinley

July 1980

All persons interested in a club climb of Mt. McKinley should contact Phil Ersler or Roy Ratliff. Both have been club members for several years and past instructors for the spring climbing course. Phil has led four prior expeditions to Alaska. Contact Phil at 641-7264 or Roy at 773-2380 (W) or 782-7651.

Membership Renewal

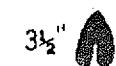
This is just a reminder that BOEALPS dues for 1980 are \$6.00, the same amount as last year! A breakdown of what the \$6.00 is used for will be printed in next months issue. When paying please send the following information along with your check. name, address, city, state, zip, home phone, work phone, mail stop, & organization.

Send dues and personal information to Rick Isakson, M/S 79-98, ORG B-8104, 237-2987

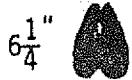
Since we have been "snowing" you with avalanche information in the last few issues, we decided it was time to test your knowledge. This test first appeared in the Mazamas 1977 Journal, and is reproduced here with permission of the Mazamas.

1. Avalanches are most common on . . .
 - a. 20-30 degree slopes
 - b. 35-45 degree slopes
 - c. 40-60 degree slopes
 - d. 50-75 degree slopes
2. Name three clues that might help you recognize an avalanche prone slope.
3. If you saw no signs of avalanche activity after a storm, would you consider that the slopes were safe for travel?
4. Name four clues that can help you determine whether a specific slope is stable or not.
5. Collapse noises in snow (clearly audible as a "whumpf" sound when weight is applied to the snow by a skier or snowshoer) indicates which of the following?
 - a. Stable snow because it is settling.
 - b. extreme instability
 - c. nothing of importance
 - d. marginal stability
6. Seeing tracks of wet snowballs rolling down a slope on a warm day is usually a sign that the slope is stable. True or False?
7. One member of your party starts a small avalanche that breaks below him while crossing a potential avalanche slope. The rest of the party should follow him quickly across the slope before it again becomes unstable. True or False?
8. In the spring time, south facing slopes become less dangerous than north facing slopes because the warming action of the sun stabilizes the snow pack. True or False?
9. Most avalanches in the U.S. that involve people are triggered by . . .
 - a. a sudden rise in temperature
 - b. snow falling onto the avalanche surface
 - c. instabilities around a tree or rock outcropping
 - d. the victim
10. Your chances of survival after being totally buried in an avalanche drop below 50% after . . .
 - a. 30 minutes
 - b. one hour
 - c. two hours
 - d. 6 hours
11. More people die in avalanche accidents . . .
 - a. in downhill ski areas
 - b. in backcountry areas (ski tourers and climbers)
 - c. on highways
 - d. in mountain resort homes
12. Most people caught in avalanches die from . . .
 - a. internal bleeding
 - b. heart failure
 - c. suffocation
 - d. hypothermia
13. List five steps your party can take to help insure a safe crossing of an avalanche path.
14. Upon being caught in an avalanche, what are four things you can do to help yourself?
15. Rank in order of importance the things you should do if someone in your party is caught in a backcountry avalanche . . .
 - a. look for clues to the victim's whereabouts in the avalanche debris
 - b. go for help
 - c. insure the safety of the surviving members of the party
 - d. probe the avalanche site for the victim, if only with ski poles or ski
 - e. mark the spot where the victim was caught and the point at which he was last seen

An awareness of what life exists around you as you are hiking and climbing in the Northwest can add a heightened sense of fulfillment to your outdoor experience. Below are a sample of animal tracks that you may encounter. (the measurement refers to the length of the track)



White-tailed Deer



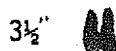
Moose



Elk & Red Deer



Horse



Mountain Sheep



Porcupine



Black Bear



Sea Otter



Beaver



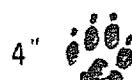
Raccoon



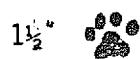
Muskrat



Marmot



Dog



Domestic Cat



Mink



River Otter



Weasel



Wolverine



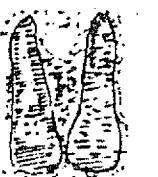
Shrew
trail pattern up
to $1\frac{1}{4}$ inches wide



Red Squirrel



Ground Squirrel



Mountain Goat



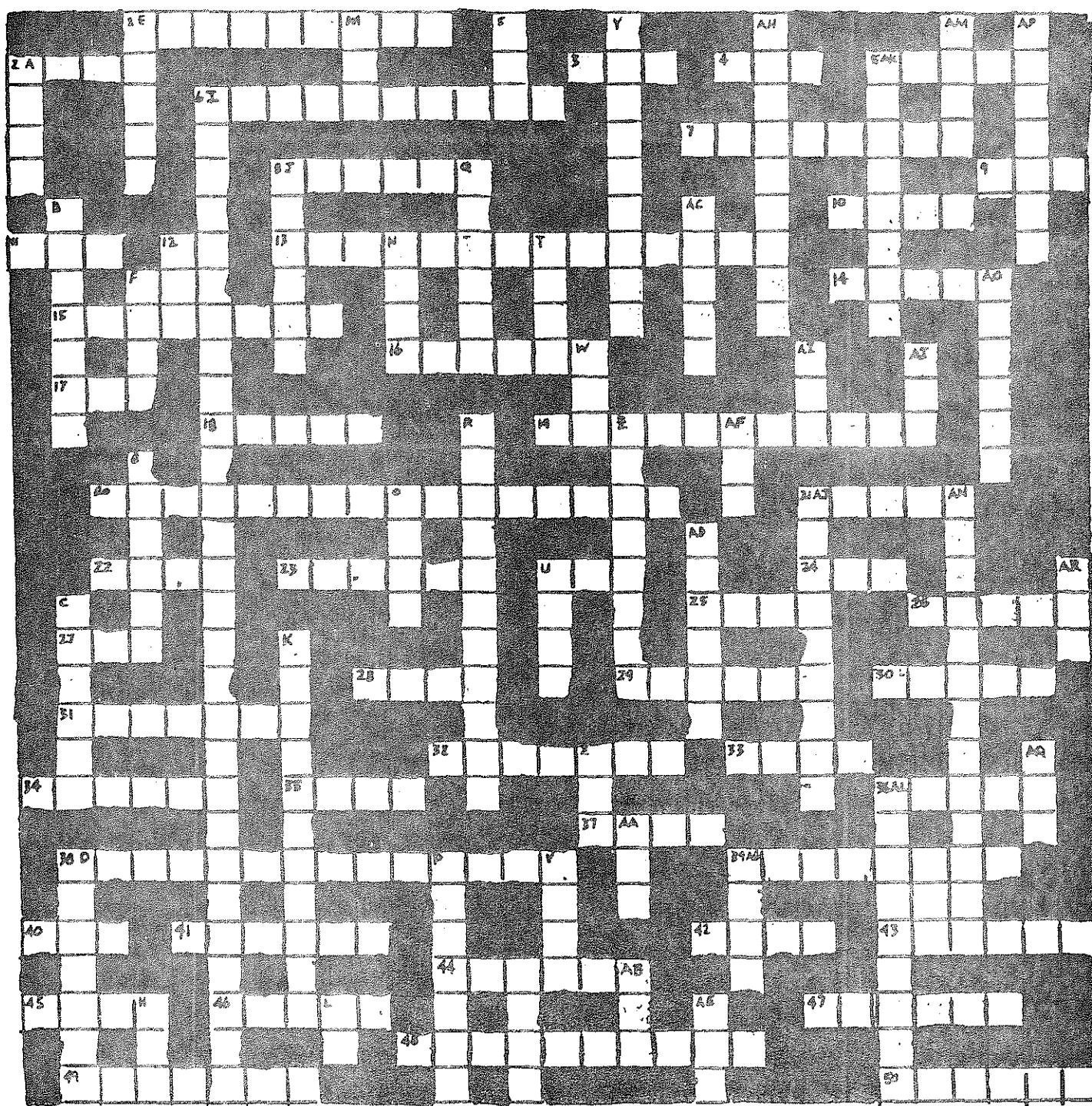
Snowshoe Hare



track pattern
length about
11 inches

ANSWERS TO THE AVALANCHE QUIZ

1. b; 2. steepness of slope, lack of vegetation, avalanche debris, cornice buildup, lee slope, previous history of avalanches; 3. No; 4. recent avalanche activity on nearby slopes, sunballs rolling down the slope, fractures in the snow, snowpack structure, changes in air temperature, knowledge of past weather, terrain characteristics, amount of new snow and its type and density; 5. b; 6. False; 7. False; 8. False; 9. d; 10. a; 11. b; 12. c; 13. set a lookout, attach avalanche cord around waist, cross slope one at a time, pick an escape route, make sure rescue transceivers (Pieps or Skadis) are on transmit, remain silent as each party member crosses, belay across slope if possible; 14. ski out if possible, grab hold of an obstruction such as a tree, discard skis, poles, and pack, start a swimming motion, keep mouth closed, make an air pocket around mouth, thrust hand up to surface, relax and conserve energy; 15. the correct sequence should be (1) insure the safety of survivors, (2) mark the spots where victims were caught and last seen, (3) look for clues, (4) probe the avalanche site (5) go for help



THE NORTHWEST MOUNTAINEERING CROSSWORD PUZZLE

ACROSS

1. Measures elevation
2. Will see on a beach hike
3. Migrate to high country in June
4. Mountain Pass
5. Starts at road head
6. Sun protection
7. Needed after dark
8. Responsible for trips success
9. Minor edge on rock face
10. Some types need waxing
11. Climber's friend
12. Good conditioning mountain
13. Usually occurs around 12,000 feet
14. Climbers "tires"
15. Use on hard snow and ice
16. Layers of sedimentary rock
17. Piton placed solidly is called a _____
18. Helps to start the fire
19. Giant crevasse at glaciers upper limit
20. Lack of sufficient O₂ in blood causes
21. They give direction in a white out
22. Camper's night light
23. Connects ropes to intermediate point of protection
24. Tastes good on a cold night
25. Judged on strength and shock absorbancy belt
27. 7766' Peak slightly S.E. of Mt. Rainier
28. Dreamnos americanus
29. "Sliding" knot
30. Safety factor
31. Sticky substance on bark
32. Formed by wind
33. Hopefully it isn't dehydrated
34. Climbing aid
35. Overnight accomodations
36. Common Washington hardwood
37. Sunrise is _____ of Paradise
38. Use to tie in
39. Climb planned for July
40. Vining plant
41. "Sunbather" on high-country rocks
42. Holds hardware
43. Plays dead
44. Olympic river
45. Popular base camp
46. Lake at the base of AP Down.
47. Cascade peak with north face of 2000 feet
48. "Washington Palm"
49. A deep chute
50. Self - _____

DOWN

- A. _____ tablet
- B. Depressions in surface of summer firn
- C. Quick way down
- D. Unplanned overnight
- E. Washington volcano
- F. _____ forest
- G. Everyone loves a _____ parka
- H. Local supplier of gear
- I. External compression and artificial respiration
- J. Purple alpine flower
- K. Lowering of core temperature _____ for it!
- M. _____ essentials
- N. 15 min., 7½ min.
- O. Rock classification
- P. Deep, steep-walled recess due to glacier
- Q. Knotted sling
- R. 22
- S. Whoever doesn't have G
- T. Used on white water
- U. Newsletter
- V. Snow _____
- W. Ice _____ (spelling var.)
- X. White, blue, or black
- Y. Walt won't forget this one!
- Z. Important mountaineering technique
- AA. Hikers are of any
- AB. Type of crampons
- AC. Hiker's snack
- AD. Type of cloud
- AE. Kautz _____ flow
- AF. Steep, high pass
- AG. Separates snow and rock
- AH. Head protection
- AI. Common Evergreen
- AJ. Joins ends of Webbing
- AK. Rock climber's hold
- AL. World-famous peak in Nepal
- AM. Improvised shelter
- AN. Too much sun and snow
- AO. Highest point
- AP. Hot springs near this peak
- AQ. If you have G you will be _____.
- AR. First aid _____.

Below are listed a number of the established ski resorts in our state. SKI Magazines 6th annual Guide to Cross Country Skiing lists the touring centers for the entire U.S. and Canada. (key at bottom of page)

ADVENTURE CHALET

A variety of cross-country ski trails are in the valleys and mountains around the Bavarian village of Leavenworth. At the mouth of the Icicle Canyon just south of Leavenworth, Adventure Chalet offers a unique base from which to explore.

The colorful rustic lodge has a large fireplace room, gallery meeting room, pottery and ski waxing areas, photo darkroom, and room for indoor crafts. Over-night accommodations are in heated canvas cabins at the chalet.

Instruction is available at the chalet, and rentals are four miles from the premises. Skiing is free. t=55, m=12 (as needed), g=\$3.75, p=\$7.50, bp=45 (\$10-\$40) c. Contact: Bill and Peg Stark, Adventure Chalet, P.O. Box 312, Leavenworth, Wash. 98826; (509) 548-7330.

BATNUNI LAKE RESORT

Wildlife abounds at Batnuni Lake Resort in the northern Cariboo District, about 100 miles west of Quesnel. There are 85km of cross-country trails through woods and over gently rolling isolated terrain. There is virtually unlimited skiing in open but unmarked terrain for more adventurous tourers. Accommodations are in rustic cabins that have woodburning stoves. Meals are served family style.

Contact: Batnuni Lake Resort, 1628 Ninth Ave., Seattle, Wash. 98101; (202) 622-6074.

THE CROSS-COUNTRY CENTER

At Mt. Hyak Ski Resort, the Cross-Country Center was the first ski touring center in the state of Washington, 55 miles east of Seattle on Snoqualmie Pass.

The Center maintains about 25 miles of trails. Located near the crest of the Cascades, nearby terrain offers unlimited skiing. Skiers are offered a machine-set track on the Twin Lakes Trail and/or Rockdale Lake Loop. The trail fee includes a single ride on the chairlift for access to higher trails. Mt. Hyak supports a Nordic Unit of the National Ski Patrol.

The ski school caters to all levels, with one-day beginner classes, three-week series for beginners and intermediates and advanced clinics on both flat-running and downhill techniques (pin-bindings only). Race training programs and instruction for the blind are also offered.

m=25, f=\$1, r=\$6,. Contact: The Cross-Country Center, P.O. Box 118, Snoqualmie Pass, Wash. 98068; (206) 434-6503.

b	kilometers of marked trail	ba	number of beds in surrounding area (where accomodations on the premises are limited or nonexistent)
m	kilometers of maintained track (&frequency of preparation)	s	snacks available
f	fee for trail usage, per day	c	complete meals offered
g	group instruction fee		
r	rental fee for full equipment set, per adult per day		
bp	number of beds on the premises (& price/person/day)		

DUCK CREEK SKI TOURING

Duck Creek Ski Touring, at 8,400 feet, has countless miles of meadows, hills, mountains, canyons and unplowed jeep roads to entice beginner to expert skiers. Guided tours, available with an instructor, are offered to Navajo Lake, Cascade Falls, Strawberry Valley and Point for a view of Zion (lunch at a cabin) and Cedar Breaks and Brian Head for an overnight-return the next day via Red Meadow and the lava bed overlook.

The Brian Head Nordic Ski Center operates a rental facility and shop. Duck Creek Cross Country operates out of Meadow View Lodge, 30 miles east of Cedar City on Scenic Highway 14, where there is a comfortable lounge and good food. Lessons, day and night tours are also available.

g=\$6, p=\$15, r=\$6.50, bp=25 (\$13-\$32) s c. Contact: Harry Moyer, Box 356, Cedar City, Utah 84720; (801) 648-2495.

MOUNT RAINER

Mount Rainier National Park offers some of the best mountain touring in the country. Most of the skiing is around the 5,000-foot level of 14,410-foot ice-clad Mount Rainier--and it's comparatively steep terrain.

Winter camping is available at Sunshine Point and Longmire campgrounds. Experienced mountaineers may snow-camp in the backcountry around Paradise. Food and lodging are available year-round at Longmire. A visitor center is open daily at Paradise with food available on weekends and holidays. Snowshoes, cross-country skis and instruction are also available at Paradise on weekends.

t=5, g=\$18/day including equipment, r=\$9 s c. Contact: Superintendent, Mount Rainier National Park, Tahoma Woods, Star Route, Ashford, Wash. 98034; (206) 569-2211 or for 24-hour general information (206) 569-2343.

MOUNTAINHOLM

Once a mink ranch, Mountainholm has been converted into a touring center, with gently rolling terrain bordering Lake Kachess. The area is in Easton, 69 miles east of Seattle on I-90 (Exit 70). The lodge offers ski and rental shops, a restaurant, Lucky Laurie's Tav and a snack area. A resident ski school offers lessons and tours in the area, with special classes for children.

A first this year are the lighted tracks for night skiing. Special events include NASTAR citizen races on Sundays, the "Skinny Skis Fasching Festival and Crazies Bash" in February, and the PNSA Citizens' Race in early March.

m=15, f=\$3, g=\$10, p=\$15/hr., r=\$7, ba=100, 13 miles away (\$12-\$20)s. Contact: Donna Searight, The Ski Rack, 2126 Westlake Ave., Seattle, Wash. 98121; (206) 623-5595 or (206) 623-7318.

SUN MOUNTAIN LODGE

Sun Mountain Lodge is on the eastern slope of the North Cascades, where sunshine and snow are plentiful. Set on top of a mountain, the lodge offers a 360 degree view of spectacular wilderness. It offers complete facilities, including a restaurant and hot pool. Certified instructors offer beginning lessons each day. The ski school specializes in downhill on skinny skis class, including lessons on the telemark turn and its variations. Private instruction is also available. Sun Mountain has 30 miles of groomed trails and 20 additional miles where guests can break their own trail in quiet solitude. t=75, m=50, g=\$6, p=\$15, r=\$8, bp=100 (\$36-\$50) Phone (509) 996-2211.

alpine echo echo

BOEING EMPLOYEES ALPINE SOCIETY, INC.



President Rick Gibbs 655-8020
Vice Pres. Glen Brindeiro 773-1356
Secretary Kim Williams 773-5030
Treasurer Bill Wood 773-5838
Past Pres. Walt Bauermeister 342-0662

Activities Steve Mittendorf 655-1083 43-13
Programs Jan Glick 251-2264
Equipment Marty Pecoraro 655-0855
Membership Rich Isakson 237-2987 79-98
Conservation Lynne Filer 259-0222
Echo Editors Jan & Dave Curran 251-2534 6E-03

~~APRIL~~ MEETING
MARCH 6, 1980
7:30 P.M.

BSRL CAFETERIA (BUILDING 15-01)

PROGRAM: RAFTING ON THE TATSHENSHINI RIVER IN ALASKA/THE YUKON/B.C.

SPEAKER: LARRY REYMORE

Larry's slide show documents an 11 day, 200 mile raft trip on the largest undammed river on the West Coast of the Western Hemisphere. The trip began at the headwaters of the Tatshen-shini with the first day consisting entirely of class III whitewater. The remaining ten days the group encountered icebergs that had broken off the glaciers of the 17,000 foot peaks of the St. Elias Range. Wear your wetsuits to this show!

MEMBERSHIP DUES

Pay your membership dues by the end of the month or you will not receive your May ECHO. You will receive a membership card when your dues are received. Detach the form below and mail it, along with your \$6.00 yearly dues (payable to The Boeing Employee's Alpine Society, BOEALPS) to: Rich Isakson (237-2987)
M/S 79-98
Org. B-8104

Name _____
Address _____
City, State, zip _____
Home Phone _____
Work Phone _____
Mail Stop, Org. _____

Dues: \$6.00 per person per year

Mail to: Rich Isakson, M/S 79-98, Org. B-8104

TREASURER'S REPORT

Beginning Balance	\$ 1775.75	Banquet Report	
Disbursements			
Banquet	1519.16	Holiday Inn	\$ 1519.16
Speaker	390.60	Speaker	390.60
Refreshments	12.46	Total Receipts	<u>-1152.00</u>
Equipment (1 pr. snowshoes)	<u>108.99</u>	(144 people)	
Total Disbursements	\$ 2031.21	Cost to Club	\$ 757.75
Receipts			
Banquet Tickets	480.00		
MCKinley Expedition	1800.00		
Return Check	50.00		
Company Funds	800.00		
Basic Class	690.00		
Dues	<u>174.00</u>		
Total Disbursements	\$ 3994.00		
Ending Balance	\$ 3738.54		

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The following is a current list of our clubs equipment:

Tents:

- (1) Winter Lite (gortex) - 2 man
- (1) Holybar - 2 man
- (2) Jansport Dome - 2 man
- (1) MSR - 3 man
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- (4) McKinley - 4 man
- (1) REI Giant Pyramid - 5 man

MISSING: (1) Lowe (gortex) - 4 man, Last signed out by GREG BAILEY HELP FIND THIS TENT.

Snowshoes:

- 2 pr. Bear Paws
- 6 pr. Serpas
- MISSING: 2 pr Serpas

Misc. Equipment:

- 4 - Pieps Detectors
- 4 - Ice Axes
- 2 - Altimeters (21k and 16k)
- 1 - MSR Stove
- 3 - First Aid Kits

If you have club equipment and have not spoken to me recently, give me a call and let me know what you have. Marty Pecoraro 655-0805 (W) or 772-0806 (H)

ACTIVITIES

March 8th or 9th

Snowshoe Trip - Pratt Mountain (Snoqualmie Pass area)
Contact Roy Ratliff at 773-2380 (W) or 782-7651 (H)

March 22 and 23

Overnight Cross Country - Mt Baker area
Contact Warren Rouse at 342-4164 or 337-1310 (H)

May - June

The BOEALPS Mt. McKinley group will be out climbing most every weekend between now and July. Climbs will include Baker, Shucksan, Rainier and Whitehorse, among others. Contact John Reuland at 773-1250 (W)/248-1478(H), Jan Glick at 251-2264 (W)/322-3862 (H), or Rick Gibbs at 655-8020 (W)/641-8586 (H)

May 17,18,19 or 24,25,26

Mt. Rainier via Kautz Cleaver

Ascend to Columbia Crest by a little travelled but technically easy route. Weather will decide which weekend. Snowshoes may be necessary for the approach. Previous glacier experience and physical conditioning required. Contact Glenn Hitchcock at 655-5846 (W)/878-3784 (H)

July 4,5,6 or 12,13,14

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Moderately technical climb to Liberty Cap with possible night on the summit. Weather will decide which weekend. Participants should have previous Rainier experience and some technical experience. A possible additional day may be necessary. Contact Glen Hitchcock at the above phone numbers.

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1. General Mountainscapes
2. Flora and Fauna
3. Winter and Snow
4. Sunsets and Sunrises
5. Climbing
6. Inclement Weather
7. People

PRINT CATEGORIES - You may enter up to five prints in each category.

1. Color Mountainscapes
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3. Color Miscellaneous - People, Animals, Beach Scenes, etc.
4. Black and White Mountainscapes
5. Black and White Miscellaneous

Popular voting will be conducted during the meeting with multiple prizes in most categories, not to mention all the fame and glory heaped upon the winners. Even if you don't sweep all the prizes, you are bound to find this an enjoyable program.

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- Limit is 3 slides per category.
- Fill out this form in advance and bring to meeting with your slides.
- Put your name or initials on each slide.
- Have your slides in order when you hand them in at the meeting.

YOUR NAME: _____

SLIDE CATEGORIES	SLIDE TITLES
GENERAL MOUNTAINSCAPES	_____
FLORA & FAUNA	_____
WINTER AND SNOW	_____
SUNSETS AND SUNRISES	_____
CLIMBING	_____
INCLEMENT WEATHER	_____
PEOPLE	_____

Mt. Dickerman, January 6, 1980

The group met at VIP's in Everett at 6:30. Our plan was to snowshoe to the summit of Devils Peak, but on reaching the trailhead we decided that there was not enough snow to make the trip without encountering a lot of bushwacking.

There is a "road closed" sign at Verlot, but the road was still travelable to the Devils Peak trailhead. Beyond that point the ruts in the road were too deep for any vehicle without high clearance.

We decided to go farther up the Mountain Loop Highway and climb Mt. Dickerman. So we loaded all of our gear and ourselves into Tom's pickup truck and took off. The Dickerman trailhead is about 2½ miles beyond the Big Four picnic area. After a bit of effort in getting the truck out of the ruts and off to the side of the road, we were off. Mt. Dickerman is Hike #50 in the book, 101 Hikes In The North Cascades.

Roy said he had been to the summit of Dickerman three times, but had been fogged in or in a white-out all three times. Well today was his lucky day because the sun was shining and there was not a cloud in the sky. The trail was snow-covered, but the walking was easy. No need for snowshoes yet. We switch-backed up the trail for 2 miles through the forest, encountering numerous grand views of Big Four Mountain and Vesper Peak. At this point half of us traversed west to the hollow where there is a small lake in the summer. We had a commanding view of the Three Fingers Peaks so we stopped for lunch. The rest of the group had taken a more direct route to the summit. The views kept getting better as we traversed the west ridge of Dickerman which was heavily corniced and dropped straight down to the Perry Creek Forest below.

The snow had become deeper, however it was hard enough that the snowshoes turned out to only come along for the ride on our backs! On reaching the summit we had a 360 view with the Olympics, Baker, and Rainier as our limits of sight. The temperature was near zero, which explains why we could only leave our gloves off for one snapshot at a time.

After a group picture we left the fantastic vista behind and glissaded down through the beautiful meadows for about a mile. The round trip was eight miles. It was an easy four hour walk to the summit and a quick two hour trip back down. The step-kicking was not too strenuous and no hazardous areas were encountered.

The trip was topped off by a party at Brad's house. Climbers were Tom Jones, John Reuland, Darrel Siefertson, Roy Ratliff, George Zook, Jan Glick, Brad McCarrell, Ralph Slansky, and Dave Curran.

Red Mountain, February 17

The group assembled at the Eastgate Denny's at 7:00. We then headed to Snoqualmie Pass. Learning how to put snowshoes on proved to be a slow process. And right after heading out, the limitations of the Bear Paw snowshoes were soon discovered. By the time we entered Commonwealth Basin four of our members decided the snowshoes were not adequate. They decided to frolic in the basin rather than attempt the summit. That left six gunners in the initial assault team. We ascended the rib and soon removed the snowshoes since the rib was windpacked. At noon we stopped and had lunch at the tree line. Then keeping to small crests and generally ascending directly up the fall line, we reached the summit at 1:15 p.m.. After a bite to eat and a check of the altimeter, to be sure we were on the summit, we headed down. We might have basked on the summit except that it was snowing lightly, quite windy, and we could not see five feet. Plunge-stepping made short work of the top 1500 feet above the rib. Then we put the snowshoes back on and were homeward bound. Finding a not at the foot of the rib, telling us that our frolicking friends had tired

of playing "tackle the oaf with the frizbee" and had gone down to the Snoqualmie Lodge to wait on us, spurred us onto the cars. We arrived at the cars at 3:30 p.m. just in time to hear that the Sonics beat the Celtics.

Summiters were Rick Gibbs, Don Taylor, George Zook, Bruno Cinquepalmi, Mat and Jerry Ballie. Frolickers were Crystal Zook, Jan and Dave Curran, and Jim Haas.

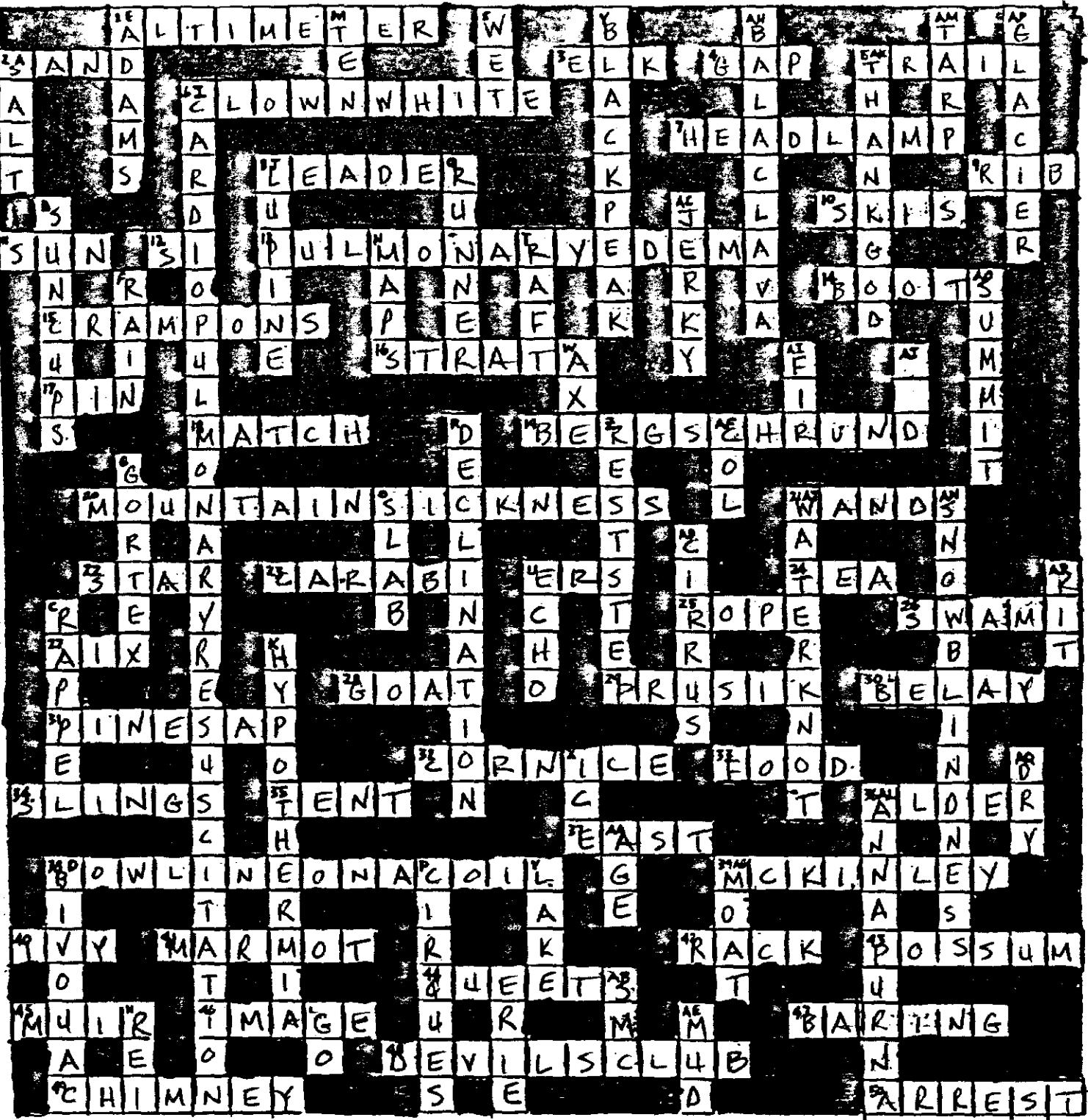
Cross Country Skiing - Reflection Lake, Mt. Rainier, January 19, 1980

Eleven BOEALPS members met at Denny's in Kent at 7:30 on a bright, sunny morning. After a little coffee and a lot of "car switching" the group started for their destination. About two and a half hours later we reached the Narada Falls parking lot. The sun was still shining, but the cold air had a distinct bite to it. Shortly after the group's arrival, a park ranger advised a change to our planned route due to high avalanche hazards along the Stevens Canyon Road. Normally, to reach Reflection Lake the route is to cross the creek (via bridge), climb over a snowbank and ascend up through heavy timber following the creek to the Stevens Canyon Road. Then take the road around Mazama Ridge and down to the lake.

Due to the hazard, the group voted to heed the ranger's advice and climb up over the ridge to avoid danger. The climb to the top of the ridge seemed long, but it sure was worth it when it came time to ski down the other side. The group reached the lake a few at a time, and the "gunners" put in a figure 8 track on the lake. Amidst all the white, the northern views of Castle and Pinnacle Peaks were spectacular. Due to the wind, shelter was taken behind the alpine firs for lunch. After an hour the wind and cold prodded the group to begin its quick return to the parking lot. As a group the decision was made to return via Stevens Canyon Road and not to ascend the ridge. This route is much quicker and easier if the avalanche hazards are not too great. There was no trouble due to avalanches, as the group followed the road completely to the parking lot committing a shortcut through the timber.

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Cross country skiers: George and Crystal Zook, Dave Willis, Lynne and Sharon Filer, Jim Haas, Rich Isakson, Dave Watt, Jerry Baillie, Jan and Dave Curran.



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Treasurer	Bill Wood	773-5838
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City, State, zip _____

Home Phone _____

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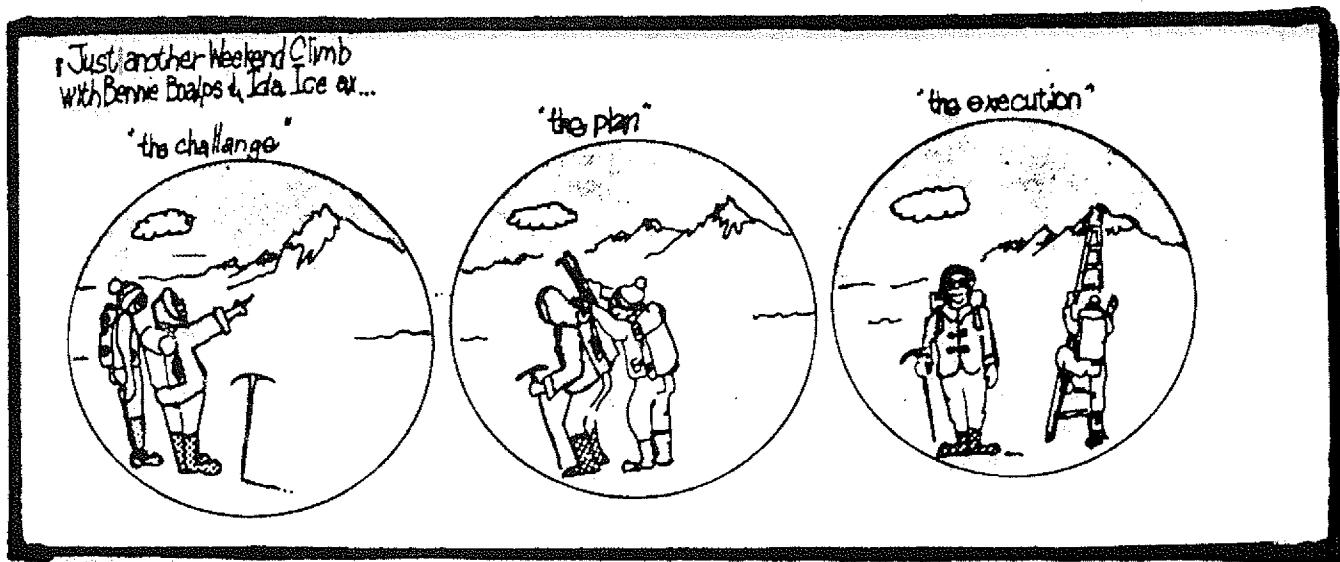
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Cross country skiers: George and Crystal Zook, Dave Willis, Lynne and Sharon Filer, Jim Haas, Rich Isakson, Dave Watt, Jerry Baillie, Jan and Dave Curran.



MORE CLIMB REPORTS NEEDED

Guide books become outdated over a period of time and don't even exist for some areas of the Cascades, but our club has the capability of keeping them up to date and developing our own where none exist, if each climbing party will report the details of their trips. With over two hundred club members; and many of you very active climbers/hikers, we should be receiving more trip reports.

The Echo editor maintains a copy of all past issues of the Echo(since 1972) and our activities chairman keeps a copy of all climb reports in his activities log book. They are filed by peak name, elevation, and geographic area. The log book contains some very good information on climb routes that can't be found in any other single place. This information can be very helpful when you want to go into an area you are not familiar with. Feel free to call the activities chairman about climbs and hikes you would like information on.

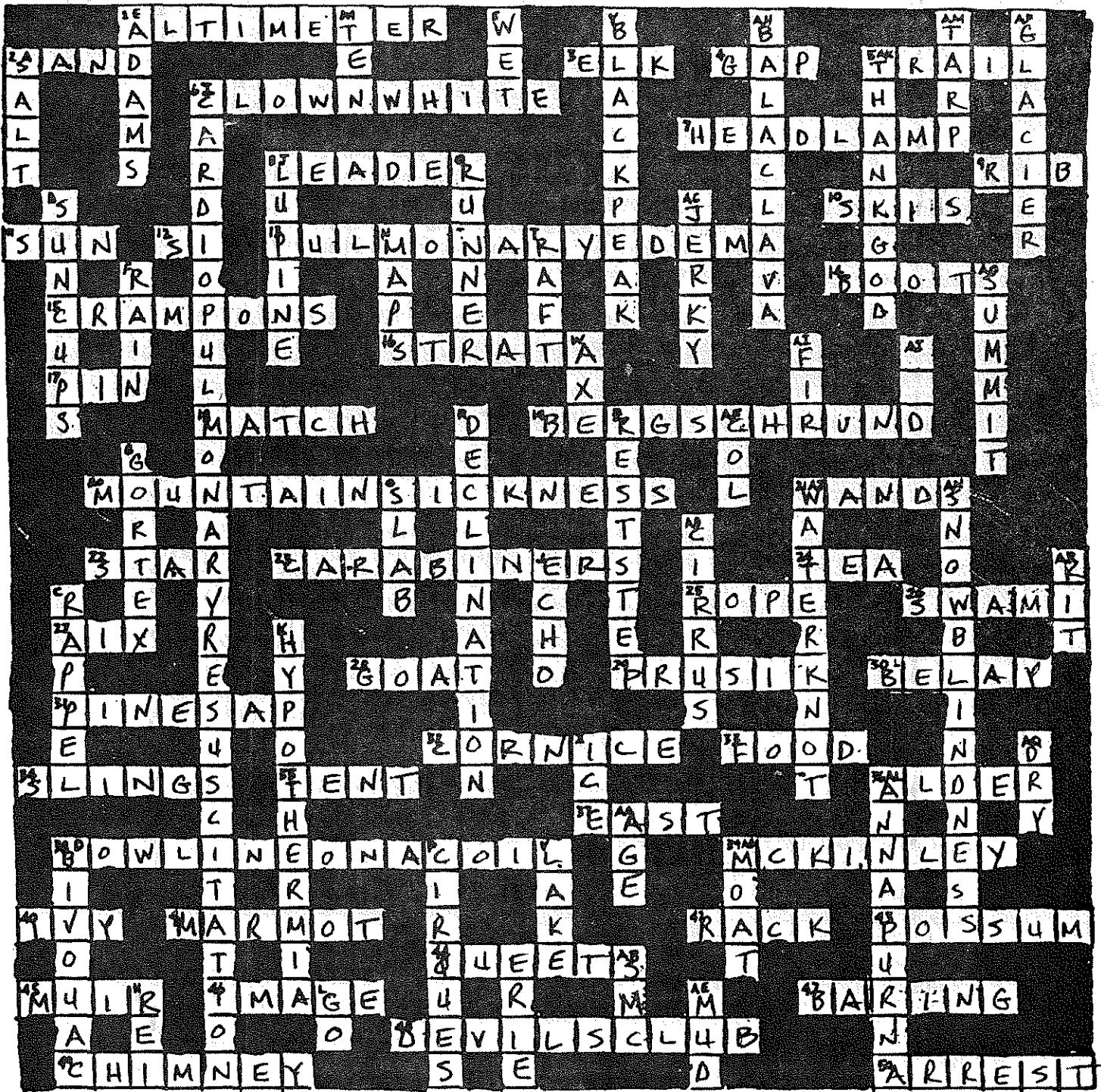
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The climb reports should contain, but not be limited to the following:

1. Driving time to the trail head.
2. Trail numbers or names, if any.
3. Hiking, climbing time to camp spots.
4. Camp locations.
5. Climbing time to summit.
6. Descent time.
7. Technical difficulties description (please don't under rate the technical difficulties, someone with less ability than you may attempt the climb based on your report).
8. Eating establishments you stopped at. Did you like the food and service? Would you recommend it to others?

Good climb reporting and making the information available to all our members can be a major advantage of belonging to our club. But, we must all help support the accumulation of data. So PLEASE take five or ten minutes after your climb to write up the details and send your report to the Echo editor.

Here are the answers to last month's crossword puzzle.



Ideas for Winter Enjoyment

1. Snowcamping in Commonwealth Basin
2. Cross country skiing into and around Mowich Lake (at Mt. Rainier)
3. A beach hike to the Point-of-the-Arches
4. Showshoeing up Mt. Margaret or Mr. Angeles
5. Eagle-watching along the Skagit River and swan-watching in the Skagit Flats
6. Cross country skiing around Hurricane Ridge

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Secretary	Kim Williams	773-5030
Treasurer	Bill Wood	773-5838
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Activities	Steve Mittendorf	655-6300	42-30
Programs	Jan Glick	251-2264	
Equipment	Marty Pecoraro	655-0855	
Membership	Jim Haas	237-8922	77-33
Conservation	Lynne Filer	259-3041	
Echo Editors	Jan & Dave Curran	251-3748	6E-03

MAY MEETING

THURSDAY, MAY 1, 1980

7:30 P.M.

BSRL CAFETERIA (BUILDING 15-01)

ANNA PURNA BATTLEGROUND

THE 1979 AMERICAN EXPEDITION

a slide presentation with music by

ERIC SIMONSON

and

CRAIG REININGER

On September 19, 1979 the eight members of the 1979 American Annapurna I Expedition had reached within 3000 feet of the summit of the world's 10th highest peak. Without warning, a massive avalanche obliterated Camp 4. Three did not return from the mountain of their dreams.

This is the story of the smallest and lightest expedition to ever attempt Annapurna. It is a commentary on what will always be a battleground. Don't miss this fine show.

WELCOME NEW MEMBERS!!

This issue of the Echo is the first received by this years climbing class of well over 100 students. We would like to welcome you to the Boeing Alpine Club and look forward to seeing all of you at the meetings and out in the mountains.

APRIL MEETING

The April meeting featured our annual club photo contest. The show was definitely one of the best of the year with more laughs and more fantastic photos than you are likely to see until next years contest. The first place photographers were as follows (as nearly as can be remembered by the judges):

Color Slide Category

General Mountainscapes	Bruce Gaumond
Flora and Fauna	Rich Weber
Winter and Snow	Rich Weber
Inclement Weather	Rich Weber
People	Mark Dale
Climbing	Randy Taylor
Sunsets	Dave Curran

Print Category

B&W Mountainscapes	Bruce Gaumond
B&W Misc.	Bruce Gaumond
Color Mountainscapes	Mark Dale
Color Misc.	Mike Terry
Color Flora	Mark Dale

Congratulations to these people. They, along with the second place winners, received a roll of film for each of their winning photos. All of the categories were filled with dozens of good pictures (except Bruce needs more competition in the B&W categories) and picking your favorite picture was no easy task. Everyone be sure and get geared up for next years contest.

APRIL TREASURER'S REPORT

Beginning Balance	\$ 9468.54
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Receipts

Basic Class	1038.00
Dues	<u>550.00</u>
Total Receipts	\$ 1588.00

Disbursements

Donation to Citizen's For Washington Wilderness	40.00
Seattle Mountain Rescue Council	150.00
Basic Class Payment	4036.00
Slide Projector	316.01
Refreshments-April Meeting	33.51
Equipment Maintenance	12.11
Photo Contest Prizes (film)	76.08
Basic Class Refund	<u>310.50</u>
Total Disbursements	\$ 4974.21
Ending Balance	\$ 6082.33

ACTIVITIES

North Peak of Three Fingers, May 10
Bob Mondrzyk 773-0370 (W) or 432-9578

Mt. Shucksan, Mid-May
Dick Slansky 342-3116 (W) or 325-1033

July 12,13,14 or 19,20,21
Mt. Rainier via Ptarmagin Ridge

Moderately technical climb to Liberty Cap with possible night on the summit. Weather will decide which weekend. Participants should have previous Rainier experience and some technical experience. A possible additional day may be necessary. Contact Glen Hitchcock at 655-5846 (W) or at 878-3784. Note: Glen's Kautz Cleaver climb is now closed to new sign-ups.

River Rafting Time

Tired of slogging up those snow slopes? (this is a real pitch!) Here is something different. Due to increasing popularity the white water raft trips have been scheduled this summer through Zig Zag River Runners. The first two are on Sunday, June 8 and June 15 on the Wenatchee. The agenda will be the same as for last years successful weekends.

1. Meet at Snow Creek parking lot on Saturday morning for rock climbing, laying around and general socializing. There should be several experienced rock climbers on hand for advice and suggestions on climbing techniques. Nonrafters are welcome to join us.
2. Lodging and campgrounds are available in and around Leavenworth. Reservations are recommended. Night life around Leavenworth is far from dull so everyone can get together for the evening.
3. Sunday we meet at 12:30 in town for five hours of splashing down the river in eight-person paddle rafts, with a guide in each to bring us through rapids like Snap Dragon and Drunkard Drop.
4. Price for this trip is \$33.00/person.

The third trip is down the Suiattle River on July 20. This river is physically more demanding than any other trip offered by Zig Zag. This will be a new one for me, but I am looking forward to this truly wilderness river fed by the Glacier Peak melt water. I am open to suggestions for 1-day climbs in the Darrington - Whitehorse area on Saturday, July 19. Price for this trip is \$35.00. For more information on these trips call Brad McCarrell at 334-3490 (Lake Stevens) or Dave Curran at 251-3748 (W). Note: Payment is due one month in advance, and I expect the trips to fill up soon.

Climb Reports

Saddle Mountain, March 29

We took in this peak during a weekend Oregon coast trip from the northern tip of the state to Nehalem Bay. Saddle Mountain is in a state park of the same name situated 1 mile north of the Rt. 26/53 interchange, 10 miles east of Cannon Beach. The park is shown on the Oregon state map. Saddle Mountain could be considered the Mt. Si of Oregon as the trail is 4 miles to the summit and the elevation gain is similar. The special attraction of this peak is that it affords a view of both the Oregon coast and the Washington and Oregon Cascade range. Great views are had on the broad summit plateau as well as along the entire trail. The peak must get its name from the fact that there are two massive, rounded rock peaks with a saddle-like dip between them. The trail to the highest summit is via the top of the lower peak. Jan and Dave Curran

Minimum Impact Camping and Hiking or Rules and Regulations vs. Freedom

The following is taken directly from a National Park Service brochure. The experienced climber and backpacker as well as the newcomer to the woods should be able to benefit from a quick review of this information.

"The surge in popularity of wildland recreation in the last few years has created a population explosion in our National Parks and wilderness areas. This increased use has resulted in increasing damage to the wilderness resource we all love.

The National Park Service is bound by law '...to conserve the scenery and the natural and historic objects and the wildlife therein and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations.' (NPS Organic Act, 1916).

In order to accomplish these charges the National Park Service attempts to educate the public in safe and environmentally sound ways to use the Parks. At the same time it is necessary to enforce rules and restrictions designed to protect the resource from those who would love it to death.

However, rules and restrictions though often necessary and valid, grate on our sense of personal freedom. In the wilderness, as elsewhere, true freedom requires a willingness to assume responsibility for one's actions, including those that might harm the land. We as wilderness users must accept that responsibility by using the land in a manner that will minimize our impact on it. By reducing our impact we can ease the growing burden of restrictions on our freedom. The following is a list of minimum impact camping and hiking techniques.

Note: Some of the following suggestions carry the weight of law in certain jurisdictions and areas. (Be aware of local rules.)

GENERAL RULES:

- Plan ahead. Choose trips that you are in condition to handle. Take along suitable equipment, including the ten essentials. Familiarize yourself with where you are going by looking at maps and reading books. Be sure to get a permit where one is required. Permits are designed to control use, to prevent overuse.
- Pets - dogs in particular - are a threat to wildlife and could prevent your seeing any on your trip. They also are a hassle for other hikers - threatening them on the trails and fouling campsites with feces and noise. Please leave them at home.
- Leave rock specimens and flowers where you find them so others can enjoy them as you do. Minimize disturbance of stones, soil, and plant life, so as not to disturb the microclimates in which plants and animals exist.
- Feeding wild animals could be hazardous to your health. It almost certainly is to theirs. People food can make wild animals sick. Animals who have been fed by people tend to lose their natural food finding instincts, and their fear of man.
- Pack out your litter, including leftover food. Include litter left by others; there will always be thoughtless persons for you to clean up after. Burying litter and food leftovers disturbs soil. It will probably be dug up and scattered by wild animals.

- Use a lightweight campstove rather than a fire. Wood burned to cook your meals will not recycle into the soil in a useful form. Where fires are allowed firesites tend to increase beyond need. If you do use a fire, use an existing fire ring. Use only dead and down wood. (That silver snag is part of the scenery and a home for owls.) Keep the fire as small as possible and build it on mineral soil away from flammable materials. Be sure it is out before you leave.
- Latrines should be dug five to six inches deep (within the biological disposer layer), and should be at least 300 feet away from water. A lightweight plastic trowel is good for this purpose.
- Washing should be done away from water sources. Soap and food particles should be dumped on well drained soil, so that pollutants will be filtered out before reaching water. Minimize your use of soaps. Even biodegradable soaps are pollutants.
- Limit your party size. Large groups tend to have more impact than you would expect from increased numbers alone. (e.g., social trails developing between tent sites)
- Excessive noise (e.g., yelling, radios, barking dogs) and bright colors (e.g., tents and packs) tend to psychologically shrink the wilderness. If you feel the need for bright colors for safety purposes, carry a piece of brightly colored nylon to mark your tent in your absence.

RULES FOR AREAS WITH TRAILS AND ESTABLISHED CAMPSITES:

- The general rules above apply, with an emphasis on concentrating your use in these facilities.
- Stay on the trail. Go over, under or through water, mud, or obstacles on the trail if at all possible with safety. Going around such obstacles results in development of parallel trails, or at least in widening of existing trails. Notify the responsible agency of any obstacles you find. If you must go around an obstacle, pick a route not already trampled. Staying on level ground, on snow or rocks, or on more resilient plants, (i.e., grasses) will minimize damage to soil structure and plant cover. Cutting switchbacks on steep trails damages soil structure and plant cover, leading to severe erosion problems. Switchbacks conserve your energy, also.
- Set up camp in an established site on bare soil, so as to prevent the spread of bare areas. Pick a well drained spot and use a tent with waterproof floor or a waterproof groundcloth so that trenching won't be necessary.

RULES FOR CROSSCOUNTRY AREAS (WITHOUT TRAILS AND ESTABLISHED CAMPSITES):

- The general rules above apply, with an emphasis on dispersing impact rather than concentrating it.
- When hiking, spread out and walk abreast rather than in single file. Don't follow trampled paths. Switchback on steep hills. These methods will spread the impact and allow trampled plants to recover.
- Walk on snow and rock where safe.
- Camp where there is no evidence that others have camped before. Camp off of vegetation if possible. Spend no more than a night or two at any one site, to give plants a chance to recover.
- Carry a collapsible water container to reduce the number of trips between water and your campsite.

Enjoy your wilderness and treat it gently! If you have any comments or suggestions on material to add to these ideas, please contact: MINIMUM IMPACT-MIE, Pac. N.W. Region, National Park Service, 601-4th & Pike Building, Seattle, WA 98101"

MORE CLIMB REPORTS NEEDED

Guide books become outdated over a period of time and don't even exist for some areas of the Cascades, but our club has the capability of keeping them up to date and developing our own where none exist, if each climbing party will report the details of their trips. With over two hundred club members; and many of you very active climbers/hikers, we should be receiving more trip reports.

The Echo editor maintains a copy of all past issues of the Echo(since 1972) and our activities chairman keeps a copy of all climb reports in his activities log book. They are filed by peak name, elevation, and geographic area. The log book contains some very good information on climb routes that can't be found in any other single place. This information can be very helpful when you want to go into an area you are not familiar with. Feel free to call the activities chairman about climbs and hikes you would like information on.

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Conservation	Lynne Filer	259-3401	
Echo Editors	Jan & Dave Curran	251-3748	6E-03

JUNE MEETING

THURSDAY, JUNE 5, 1980

7:30 P.M.

BSRL CAFETERIA (BUILDING 15-01)

Program & Speakers: THE COUGAR LAKES WILDERNESS

- a slide show by Bruce Odom of the Sierra Club

CLIMBING IN THE ALPS & NEW ZEALAND

- a slide show by our own Glen Brindeiro

WATERFALL CLIMBING IN THE CANADIAN ROCKIES

- a slide show presented by our own Glen Liston

May Monthly Minutes

Rick Gibbs opened the meeting by calling on officers for reports. Bill Wood, Treasurer, announced a balance of \$ 2291.00 in our treasury. Steve Mittendorf asked for volunteers to lead climbs. Interested persons please call Steve. Jim Haas is our new membership chairman, replacing Rich Isakson who moved down to California. If anyone has not paid their dues, please get your money into Jim as soon as possible. Roy Ratliff announced the status of Brad McCarrell's raft trips as follows: June 8 raft trip is full, June 15 trip still has a few openings, and the next weekend has plenty of openings left. Dick Williams will be organizing the July picnic and needs volunteers to help him. Dick says that he will appoint "volunteers" if he does not get enough people! Martha Wycoff introduced the speaker for the May meeting, Craig Reininger. Craig was one of eight climbers to attempt the lightest, smallest expedition ever on Annapurna. Craig gave a very good show!

The 1980 Climbing class of over 100 students completed their course this past weekend with crevasse rescue practice on Mt. Baker. The weather prohibited a climb to the summit.

We wish a speedy recovery to Mark Dale, one of our Boealps, who took a fall this past month.

ACTIVITIES

Jerry Baillie's Mt. Rainier climb
- see the April Echo for description

Three Fingers, June 14,15

Bob Gray welcomes recent class graduates on one of the classic Cascade climbs. Base camp will be at scenic Goat Flats. The north peak involves class 4, the middle and south peaks are straight forward. Call Bob at 575-5455 (W) or 567-4172.

Bonanza Peak/Martin Peak, 3 days at the end of June or early July

Approach by Lady of the Lakes ferry up Lake Chelan. One of the big ones. Class 3. Limited space available. Call Jack Leicester at 575-5802 (W) or 546-2086

Mt. Rainier, July 12,13,14 or 19,20,21

Via Ptarmagin Ridge. Moderately technical climb to Liberty Cap with possible night on the summit. Weather will decide the weekend. Participants should have previous Rainier experience and some technical experience. A possible additional day may be necessary. Contact Glen Hitchcock at 655-5846 (W) or 878-3784 (H).

Glen's Kautz Cleaver climb is now closed to new sign-ups.

Mt. Rainier, standard route through Camp Muir, Mid June

Limited space available. Call Jack Leicester at 575-5802 (W) or 546-2086.

River Rafting

Brad McCarrell would like to notify those people signed up for either of the Wenatchee River rafting trips that a group of participants will be rock climbing in Leavenworth the day before the trip. Also, he plans to climb something in the Monte Cristo area the Saturday before the July 20 Suiattle River trip.

Lydia Carroll, a 1979 climbing course graduate, is looking for women who are interested in all-women climbs for skills practice, conditioning, and comraderie. If interested contact Lydia at 784-1016.

Need: Cruiser (Camp Trails) frame extension to buy or borrow mid-June to mid-July. Please contact Rich Weber at 243-5374 (H).

CLIMB REPORTS

Mt. Washington, May 4

It is now late in the season for snow climbing in the Olympics. The best snow is above timberline, but it is very soft and wet. It is too soft for ice axes and glissade paths look like toboggan runs. In the zone just below timberline the way was mixed with roots, boulders, weak snow bridges, waterfalls, and potholes. The climbers trail from the road to Big Creek Basin was clear and dry. The rock on the summit had some loose snow above the exposed ledges. Two of us picked up "A" Peak on the way down.

Future climbers considering a traverse between Ellinore and Washington should add three hours and do Mt. Ellinore first to take advantage of going down the large snow chute (early season) on Ellinore's NNW side. There are wide snow fields on the west side of the ridge.

The road to the Mt. Washington trailhead has a dirt and boulder fall just before Ellinore's alternate short trailhead. A narrow high clearance vehicle such as a VW bus can pass over the hump but not a sedan. Then at the second crossing of Big Creek, the road is completely blocked with boulder fall.

It was a super day for being out in the Olympics. The summit was hot and windless. All one really needed was lotion and dark glasses. Joining Bob Gray for sun and sweat were Leon Draxler, Ralph Kirschner and two scouts, Bill and Jeff.

Mt. Baring, May 3, 1980

Our group met at Denny's in Everett at 6:30 a.m.. The drive to the trailhead took approximately 2 hours. To reach the trailhead drive up the Barclay Lake Road across from the Baring Party Store (cross r.r. tracks). We chose the standard route described by Becky. Thus, upon reaching the Barclay Lake trailhead we drove $\frac{1}{4}$ mile further to an obvious narrow gully. We began climbing at 2300 feet up the right side of the gully through a clear-cut area. (note: there is no trail and this climb is not for the lighthearted!) We were slowed by the logs, mud, mossy rocks and a steep grade. We reached the ridge at 4000 feet in two hours. After lunch and a few stale jokes, we started along the narrow ridge toward the snow basin below the summit. The ridge offers comfortable walking until rock cliffs block the way in approximately $\frac{1}{2}$ mile. We dropped below the cliffs a considerable distance down on the right side of the ridge. At this point the walking becomes a little more difficult as one leaves the top of the ridge to walk on the steep grade. (Ouch! our poor ankles)

After $\frac{1}{4}$ mile we reached a steep snow covered slope in the woods which leads up the ridge directly into the west side of the snow basin below the summits (known from previous experience). Our group did not take this route up the ridge, but proceeded another $\frac{1}{4}$ mile around the back side of the ridge. We gradually switch-backed up the ridge. We entered the south side of the basin upon reaching the ridge. We broke for lunch and discussed a turn-around time. Everyone wanted to make the summit, but no one wanted to hike out in darkness (a point strongly upheld by certain members of the group who had attempted Baring a year earlier). A decision was made to set the turn-around time upon reaching the top to the snow chute between the true and false summits.

Upon finishing lunch, we proceeded along the ridge to the eastern edge of the snow basin and the base of the snow chute. We had to angle down into the basin due to small cliffs on the other side of the ridge. The ascent of the snowchute to the gap between the summits did not take as long as planned, therefore, we decided to go ahead and push for the summit. From the gap the summit is 20 minutes. The route from the gap to the summit is left of the summit ridge: an easy snow climb.

The descent of the snow chute was a long, quick and fun glissade. After reaching the basin we had a bite to eat and filled our water bottles. It was 3:00 p.m. and we decided to leave the snow basin on the west side and descend the snow slope through the woods. This route seemed to be quicker than our ascent route. Our descent and traverse along the ridge to our initial gully of ascent took about 2 hours. We discussed our final gully descent route while taking a short break. Opinions were mixed, and we finally narrowed the choices for going down between two routes. Our first choice was to descend the gully we ascended. The second choice was to go about 1/8 mile further along the ridge to another gulley that looked fairly passive. It had snow as far down as the brush allowed us to see. Finally Jan Curran broke the silence of indecision and offered us some words of wisdom. We knew that the gulley we ascended would be no fun to go down so the other one could not be worse, only better. We took the second gully and by luck it turned out to be a highway (almost!).

After this long, strenuous day we decided to invade one of Sultan's restaurants. The Dutch Cup was overtaken by a group of hungry Boealpers. The food, service and prices were fine.

This climb becomes much more difficult later in the season due to brush and devils club. To summarize the times:

ascent from cars to ridge	2 hours
ridge to snow basin	$2\frac{1}{2}$ hours
snow basin to summit	$\frac{3}{4}$ hour
descent, summit to ridge	2 hours
ridgetop to road	$2\frac{1}{2}$ hours
total climbing time	<u>$9\frac{1}{2}$ hours</u>

Climbers were Bill and Barb Goza, Jim Haas, Dave Willis, Russ Sullivan, Gary Martin, Jan and Dave Curran, Crystal and George Zook. Note: Despite the fact that our descending gully was a quick way down, Becky's route is recommended for the ascent.

Whitehorse Mtn., Northwest Shoulder, May 11

Six comatose climbers met at the Everett Denny's at 4:30 a.m.. After calling our seventh, Russ, who was still getting his beauty rest, we were off for the trailhead. Our reward for getting up at the early hour was a great sunrise as we headed east on 510 for Darrington. One hours travel put us at the Whitehorse store, 5 miles west of Darrington, where we took 387 Ave. NE for 1½ miles to the Whitehorse trailhead (#653), which is 4/10 of a mile from the end of the road. Although this road deteriorates with distance traveled it is passable for any gas guzzler.

The trail, which is followed to its end at 2 miles, is steep, brushy in places with devil's club, and requires crawling over and under a number of fallen trees. Otherwise it is a pretty nice walk, argh!! That two miles was a pain in the posterior! To the gang's surprise Russ caught up with us at this point. Note: the trail is marked with orange florescent markers.

Due to the snow accumulation we were able to take a short cut to Lone Tree Pass instead of following Becky's route. Half an hour put us just below Lone Tree Pass and 15-20 minutes more put us up the snow slope and onto the ridge. If a lone tree is supposed to stand out at this pass, somebody cut it down because we did not see it. A nice view of Baker and Shucksan greets you at this pass. Through the woods from this point down to the small lake, the trail again is marked by orange florescent markers. Three hundred feet of elevation is lost in descending to just above the lake. From there on it is all up hill.

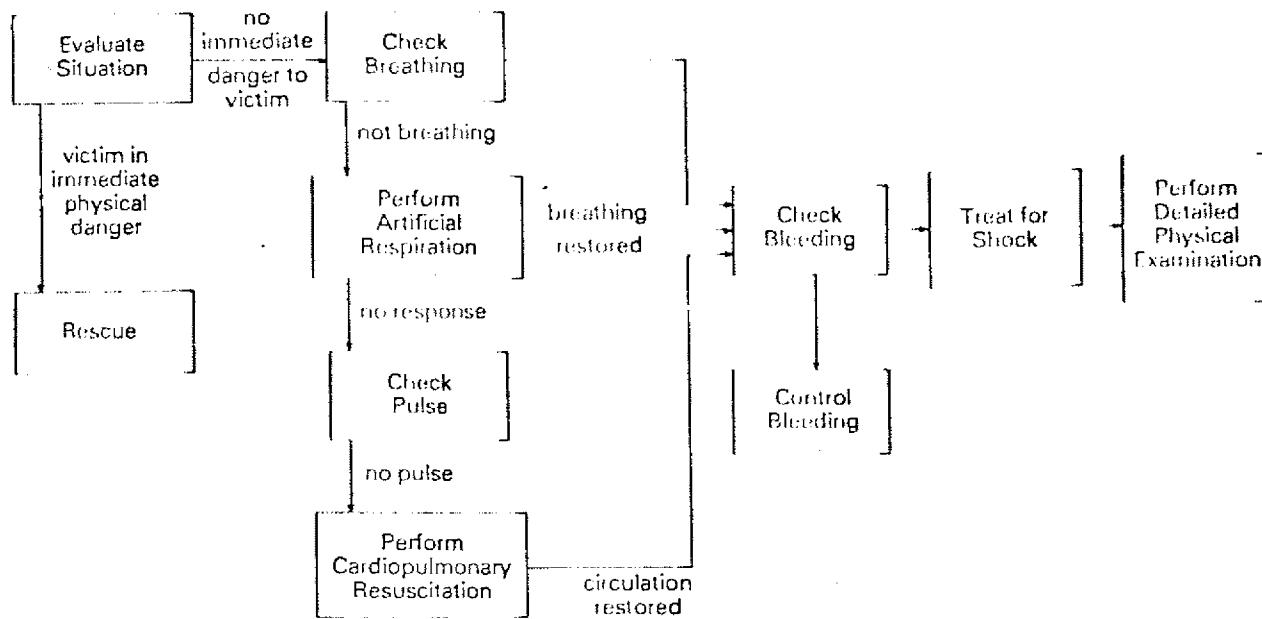
A rising traverse is begun here which brings you to a very obvious snow chute in 20-30 minutes. Looking at Becky's picture you would assume that this was the chute you are to ascend to High Pass. Well anything so obvious and clear cut just has to be wrong, as we soon found out! To add to our misfortune we got socked in as we came to the top of the ridge. Despite the fact that we were not where we wanted to be, the view cleared up after a bit and a little walk along the ridge showed us that we did not have to descend the chute we just came up, but that we could traverse the south side of the ridge. Another half hour or so brought us to our desired snow chute with only a bit of elevation lost in the process of getting there. This traverse could be a little tricky later in the season as the snow melts. One might as well just go the right way since there is no need to waste time on this mountain. It will gladly take up every minute of your time in getting to the summit! Arriving at High Pass you still have a ways to go. We had our first view of the summit as we approached this chute and were quite amazed. From this view the summit is at the top of a very impressive tower.

From High Pass an easy (though long) snow climb on the glacier brings you to within 50-75 feet below the summit. Due to a base of fresh snow over this icy 50° slope we were able to kick steps right to the summit. Be advised that crampons may be required to ascend this slope later in the year. The total ascent time was 7½ hours at a moderate pace.

Unfortunately we were socked in for our hour on the summit. We did have a 3 second view of Three Fingers that was just magnificent. After an hour on the summit for rest, food, and making new friends with other summiteers, we were off. This time we descended the chute at High Pass to the point where we could traverse on the level all the way back to just above the lake previously mentioned. Below Lone Tree Pass we continued straight down hill instead of traversing left to the top of the trail. This way was much easier going than the section of trail we missed would have been. After descending about ½ mile we picked up the trail. None of us could recall ever doing more glissading on one mountain than we did here at Whitehorse. We were all quite tired as we hit the trailhead, with the sun setting, fourteen hours after leaving it. The climb would be hard to justify if you are looking for an enjoyable days outing but since we planned to climb Rainier in two weeks, this climb was a good conditioner. At least that is how we justified it to our abused bodies!

After a bite to eat at Dennys (which I bet no one hardly even remembers) we parted, ending the day by falling in to bed twenty hours after the start of the day. We were Jim Haas, Russ Sullivan, Gary Martin, Bill and Barb Goza, Jan and Dave Curran.

Sequence of first aid treatment



SOME WILDFLOWERS IN SEASON - Late May, Early June

1. Yellow Violet - 3-8" tall, heart-shaped foliage
yellow "pansey-like" flowers
veins of purple streak petals
2. Trilliums - 3 petals 2-3" across in lavender or white
low growing on single stem
3. May leaves - 3 fan-shaped leaves with tall, white flower stalk emerging from center of leaves. Flowers small, inconspicuous.
4. Salal - low growing broad-leaved shrub on forest floor
shiny, leathery leaves; small, white urn-shaped flowers turn to purple berries
5. Pacific Bleeding Heart - 1-2' tall, light pink heart-shaped flowers
deeply dissected feathery, thin leaves
6. Devil's Club - Thorns! Thorns! and more Thorns!
7. Salmonberry - to 6', weak brown stems
leaves are of 3 doubly-toothed leaflets
pink flowers have 5 star-shaped petals

MURPHY'S LAWS OF ORIENTEERING

Topo Map Availability

When two or more contiguous maps are needed, it will be discovered that the adjacent map is (in descending order of frequency):

- A. Not yet mapped.
- B. Mapped, but not yet printed.
- C. Out of print.
- D. On a different scale.
- E. On a different contour interval.

Taking Bearings

All prominent features visible from a given location will be found to be on the adjoining map. Exception: sometimes they are two maps over.

Contour Interval

The chosen contour interval will be found to be optimum for the terrain on some other portion of the map.

The terrain mapped with an 80-foot contour interval will be found to be studded with 79-foot tall cliffs and hills.

Map Alignment

When relying on range lines for north/south map alignment, it will be discovered that:

- A. There are no such lines on the part of the map on which you are located.
- B. The surveyor was drunk and the lines only occasionally go north/south.

Worn Spots On Map

If the map has worn spots from excessive folding or becoming wet, the worn spots will cover (in descending order of frequency):

- A. Where you are.
- B. Where you are going.
- C. The nearest prominent feature.
- D. The declination arrow.
- E. All of the above (get new map).

Trails

Trails always follow the borders of maps so as to frequently cross between adjacent maps. When trails approach the corners of maps, they immediately curve so as to be on all four intersecting maps.

Locating Yourself When Lost

When attempting to locate yourself, you discover:

- A. You didn't bring the map.
- B. You didn't bring the compass.
- C. Both of the above
- D. You brought the wrong map.

Taken from
"Backpacker Footnotes"

COLD STORAGE FOR BACKPACKERS

If you want to take meat, ice cubes, or other perishables on a hot-weather hike, do the following:

First, gather together your Ensolite (or other closed-cell foam) pad, wads of newspaper, and some extra closed-cell foam. Then, put the food, ice, or whatever in a plastic bag and seal. Place the bag on the foam pad and roll the pad up. Tie the roll so it will not open. Then stuff leftover space with wads of newspaper. Finally, cut round discs from the extra foam to seal each end of the roll.

After seven hours in the Everglades on a warm, humid day we still had more than a dozen barely melted ice cubes. Made some right fine lemonade.

Taken from
"Backpacker Footnotes"

alpine echo echo

BOEING EMPLOYEES ALPINE SOCIETY, INC.



President	Rick Gibbs	655-8020
Vice Pres.	Glenn Brindeiro	773-1356
Secretary	Kim Williams	773-5030
Treasurer	Bill Wood	773-5838
Past Pres.	Walt Bauermeister	342-0662

Activities	Steve Mittendorf	655-6300	42-30
Programs	Jack Glick	251-2264	
Equipment	Marty Pecoraro	655-0855	
Membership	Jim Haas	237-8371	77-33
Conservation	Lynne Filer	259-3401	
Echo Editors	Jan & Dave Curran	251-3748	6E-03

JULY MEETING

ANNUAL PICNIC AT CAMP LONG

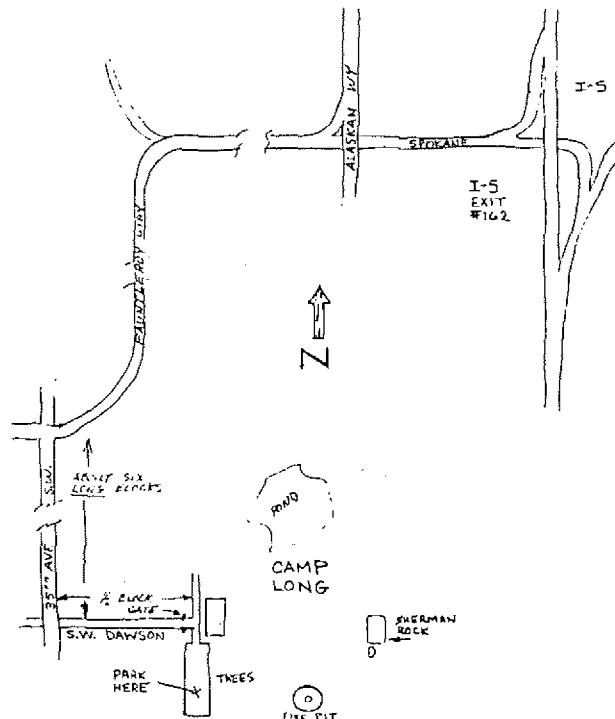
DATE: Friday, July 11, 1980 (Note: Friday, not Thursday)

TIME: 5 PM to 10 PM (Eat at 6 PM) PLACE: Camp Long, 35th S.W. & S.W. Dawson, West Seattle
(see map below)

ACTIVITIES: Eating and picnicing, socializing, equipment swap, climbing practice on Sherman Rock, volleyball, frisbee, and anything else you wish to bring to play. The equipment swap will feature some of our older club equipment and any climbing gear that you wish to sell or swap.

Time again for our picnic at Camp Long. Families are welcome . . . This is always a good time to meet people you haven't seen in awhile - they come out of the woodwork for this one. Bring tennis shoes, climbing boots and rock gear. The club will provide: (1) hotdogs, rolls, condiments, (2) a fire and hotdog roasting sticks, (3) potato chips, (4) cold drinks, and (5) napkins, plates and utensils. You are asked to bring one other item per family to add to the feast according to the first letter of your last name.

- (A - F) Dessert (cake, pie, ice cream, cookies, watermelon, etc.)
- (G - P) Salad (green, fruit, jello, potato, macaroni, carrot, etc.)
- (Q - Z) Side Dish (baked beans, vegetable dish, ham, fried chicken, etc.)



JULY TREASURER'S REPORT

Beginning Balance \$ 6082.33

Receipts

McKinley Climb	6160.00
Dues	210.00
Boeing Funding	<u>705.00</u>

Total Receipts \$ 7075.00

Disbursements

Speaker Fee	50.00
Refreshments-June	131.90
McKinley Climb	6160.00
Basic Class Payment	3700.50
Dues Refund	6.00
Picnic	8.00
Flowers-M. Dale	<u>26.16</u>

Total Disbursements \$ 10,082.56

Ending Balance \$ 3074.77

ACTIVITIES

Bonanza Peak/Martin Peak, 3 days at the end of June or early July
Approach by Lady of the Lakes ferry up Lake Chelan. One of the big ones. Class 3.
Limited space available. Call Jack Leicester at 575-5802 (W) or 546-2086.

Mr. Rainier, July 12,13,14 or 19,20,21

Via Ptarmagin Ridge. Moderate technical climb to Liberty Cap with possible night
on the summit. Weather will decide the weekend. Participants should have previous
Rainier experience and some technical experience. A possible additional day may be
necessary. Contact Glen Hitchcock at 655-5846 (W) or 878-3784 (H).

Magic Mountain, Late July

Prominent peak in the North Cascades. Class 4 climbing involved. Contact Mike Wood
at 655-6620 (W) or 392-2129 (H).

Mt. Erie Rock Climbing, Late July

Contact Steve Mittendorf at 655-5030 (W) or 283-2023.

Glacier Peak, July 4,5,6

Limited space available. Contact Dave Nichol at 773-4932 (W) or 723-0610.

Hike in the Enchantments, July 26,27

via Asgard Pass. Possible climbing if group is interested. Contact Jim Kampe
at 655-4017 (W) or 633-5336.

FOR SALE: One pair "Alpina" mountaineering boots, men's size 9½ M. Used twice;
like new. Full shank, Vibram "Roccia Block" sole, Scree collar; gusseted, padded
tongue, Price: \$45. Contact Bill Johnson at 342-5371 (w) or 821-0992 (H).

POPOCATEPETL (POPO) AND ORIZABA - November 8 to 15, 1980

Special guided climbs of the Mexican volcanoes Popocatepetl (17,882') and Orizaba (18,880'), the third and fifth highest peaks in North America, are being offered for club members only.

The climbs will be led by club member Phil Ershler. Phil should need no introduction to most club members. Besides being a club member, he is a past instructor for the basic climbing class (76, 77, and 78), and the assistant chief guide on Mt. Rainier with over 190 summit climbs (the world's record number of ascents).

These Mexican climbs are considered ideal learning ground for climbers who would like to get into high altitude mountaineering. The routes that will be taken are not technically difficult, but are very worthwhile ascents. The climbs can be compared to climbing Mt. Rainier from the 10,000 foot level up.

Time will be available for sightseeing in and around Mexico City during the eight days.

Cost of the trip will be \$385; this covers land cost while in Mexico. The cost is approximately \$150 less than other next-least-expensive guide service. Airfare is extra.

Plan ahead, sign up now.

For further information, contact Roy Ratliff at 773,2380 (work) or Phil Ershler at 641-7264 (home).

NORTH CASCADE ALPINE SCHOOL

Instruction in basic ice climbing seminar with classroom and field instruction. Instructors guide you through how to proceed on hard snow and ice with the use of a three-point balance technique, and how to use your ice ax and crampons far more effectively and efficiently. A student is shown how to use snow flukes, pickets, ice screws, the boot ax belay, ice hammers, crevass rescue techniques, hauling heavy loads on ice, french and front pt. cramponing techniques, and route finding on ice.

It is an excellent course and very safety-oriented.

It can be taken as a two, four or six-day course, continuous days or weekends only from June through September.

For more information write or call:

NCAS
1212 - 24th St.
Bellingham, WA
(206) 671-1505
Dunham Gooding, Director

EXECUTIVE OFFICER'S MEETING

The following subjects were discussed at the last officer's meeting:

- a. Boeing Activity Fair - Steve Mittendorf and Jan Glick volunteered to represent the club in this years fair by setting up a booth and showing typical climbing equipment, a slide presentation, ect.
- b. Finances - Jim Haas, Walt Bauermeister, and Dave Curran volunteered to prepare a plan to use our finances for the coming year. Items to be included are club equipment, club decals and patches, club activities, ect.
- c. Boealps stickers - Walt Bauermeister is looking in to reproducing a Boealps sticker that had been available in past years.
- d. Nominating Committee - A nominating committee will be formed to recommend people to run for officer and chairmanship positions in the fall elections.
- e. Thankyou Letter - Rick Gibbs received a thankyou letter from the Seattle Mountain Rescue Council thanking us for our donation and our support.
- f. Club pennant - Glenn Brindeiro presented a pennant to Rick Gibbs, as president of the club, to be used by BoeAlps members making prominent climbs around the world. The pennant was given to the club by BCAC president Mal Stamper after he had carried it to the summit of Kala Pattar in Nepal. Glen has carried it to the summits of Mt. Blanc (France/Italy) and Nanda Devi (India). Rick and the other members of his group will be taking the pennant on their climb of Mt. McKinley in July. The Boeing pennant should become a fine tradition for our club.
- g. "Free Climbing" movie - The club will try to get the movie "Free Climbing" for a coming monthly meeting. Cost is \$95.00.
- h. Damaged Photos - Photographers whose photos were damaged at the club photo contest will be reimbursed for the price of the photos.

** BOEING EMPLOYEES ALPINE SOCIETY ROSTER 30-MAY-80 **

NAME	ADDRESS		HOME PHONE	WORK PHONE
ALBRECHT	JON E	16414 160TH PL SE	RENTON	98055
ANDERS	KURT F	1805 FILBERT RD #41	LYNNWOOD	98036
ANDERSON	D. LOWELL	8225 S 128TH	SEATTLE	98178
ANDERSON	MICHEAL L	15146 65 AVE SO #503	SEATTLE	98188
ANNIS	LARRY D.	1728 NE 88TH	SEATTLE	98115
AUSBOURNE	JAMES R	23702 110TH AVE SE #F206	KENT	98031
AXELSSON	ARNE O H	8501 WILLOWS RD #0220	REDMOND	98052
BAILLIE	JERALD C. JR.	1052 158 PL SE	BELLEVUE	98008
BALUT	JAN P.	1838 153RD S.E.	BELLEVUE	98007
BANKS	COLIN J.	14351 109TH AVE NE	RENTON	98055
BARNES	THEODORE H.	23523 109TH SE	KENT	98031
BARTELLO	JOHN C	21014 109 PL SE #929	KENT	98031
BAUERMEISTER	WALTER K.	8320 AVALON DR	MERCER ISLAND	98040
BEE	A. CHRISTINE	4526 47 NE	SEATTLE	98105
BERTO	PATTI M	9703 228TH PL SW	EDMONDS	98020
BEYER	CHARLES&BONNIE	6216 S 153RD #107	SEATTLE	98188
BISS	DEAN F.	1421 30TH SE #15	AUBURN	98002
BLAND	JEFF D	5012 GREEN LAKE WAY N	SEATTLE	98103
BOHM	SCOTT W	8306 48TH SO	SEATTLE	98118
BOLSON	DAVID L	5017 119 AVE SE	BELLEVUE	98006
BOUCHE	PAUL F.	2806 SE 16TH	RENTON	98055
BRINDEIRO	GLENN	18324 W. SPRING LK. S.E.	RENTON	98055
BROWN	DONALD L	208 S 167TH	SEATTLE	98148
BROWN	NANCY L.	138 N 80TH	SEATTLE	98103
BROWN	RAY	1319 142ND. PL. N.E.	BELLEVUE	98007
BROWN	WILLIAM C	1322 SE 168TH ST	RENTON	98055
BROWNLEE	STEVE A.	27538 12TH PL SO	KENT	98031
BUNCH	ALLEN R	105 WELLS AVE SO #F	RENTON	98055
BUNTZ	DAVID C	12404 64TH AVE SO	SEATTLE	98178
BURGER	GRED F	23838 109TH SE #C101	KENT	98031
BYRNE	DANIEL V	404 E HARRISON #304	SEATTLE	98102
CALDWELL	DAN H	4523 NE 93RD	SEATTLE	98115
CALLAWAY	EUGENE C.	5215 36TH AVE. S.W.	SEATTLE	98126
CAMERON	DOROTHY	10928 N.E. 60TH	KIRKLAND	98033
CAMPBELL	ALAN B.	1501 30 SE #203	AUBURN	98002
CARROLL	BRUCE H.	614 NE 76TH ST	SEATTLE	98115
CARROLL	LYDIA S.	346 NW 78TH	SEATTLE	98117
CENTER	BRUCE M	25813 126TH AVE SE	KENT	98031
CHAMBERS	GEORGE B.	8207 176TH ST E	PUYALLUP	98371
CLARK	WILLIAM A.	1429 QUEEN AVE. N.E.	RENTON	98055
COCKLE	IAN M	P.O. BOX 253	SEATTLE	98125
COLBURN	CHARLES E	1910 ABERDEEN AVE SE	RENTON	98055
COLOMBINO	MARK D	9670 RAINIER AVE S	SEATTLE	98118
CONNELLY	JOSEPH E.	5814 E MERCER WAY	MERCER ISLAND	98040
COTTE	PHILIP	22919 125TH S.E.	KENT	98031
COULING	DAVID L	2614 174TH AVE NE	REDMOND	98178
CRANEFIELD	ROBERT J.	2109 N. 166TH	SEATTLE	98133
CROSSFIELD	VICKIE L.	KALEIALOHA CONDO #414	LAHAINA MAUI	H96761
CURRAN	DAVE&JAN	25221 108TH AVE SE #D306	KENT	98031
DALE	MARK S.	33015 18TH PL S #F-202	FED. WAY	98003
DAVIS	DAN	8115 FREMONT AVE. N.	SEATTLE	98103

** BOEING EMPLOYEES ALPINE SOCIETY ROSTER 30-MAY-80 **

NAME	ADDRESS		HOME PHONE	WORK PHONE
DAVIS	EDWARD W	2615 NE 195TH LN #E18	SEATTLE 98155	367-6673 342-5540
DE CAN	LARRY A.	11840 26TH S #221	SEATTLE 98168	244-8364 655-19941-
DEKOKER	JON	13319 SE 160 PL	RENTON 98055	271-77788W-232-3645
DOYLE	RAYMOND J	1040 NE 102 ND	SEATTLE 98125	525-2690 655-9004
DUNN	MICHAEL H	170 MELROSE AVE E #409	SEATTLE 98102	324-0116
EDMONDS	JEFF T	8019 118 NE	KIRKLAND 98033	827-2959
EILERS	ROBERT E.	3506 SW 172ND	SEATTLE 98166	242-2257 773-8316
ELLIOTT	W. RICHARD	5652 116TH PL SE	BELLEVUE 98006	746-4416 773-3388
ERSHLER	PHIL	14309 SE 17TH #C-7	BELLEVUE 98007	641-7264
ERWOOD	RICHARD G	380 S.W. 176TH PL.	SEATTLE 98166	243-3867
FILER	LYNNE M.	4619 RUCKER	EVERETT 98203	259-3041 258-7555
FIRTH	BARRY T	3115 SE 19TH COURT	RENTON 98055	271-5132 773-0510
FISHKOW	MICHAEL S	12814 126TH WAY NE	KIRKLAND 98033	821-6847 237-5520
FOWLER	JAMES F	100 S LOGAN #C	RENTON 98055	255-6437 251-2514
FRANCINI	JOHN M.	900 N 6TH #83	RENTON 98055	226-6288 394-3362
FRISINGER	WILLIAM N.	415 SE BUSH	ISSAQAH 98027	392-5797 773-1302
GALLANT	KAREN L.	4203 BROOKLYN NE #102	SEATTLE 98105	632-7162
GARMAGER	CURT	4220 159TH S.E.	BELLEVUE 98004	746-0215 237-1066
GIBBS	RICHARD A.	17224 N.E. 15 PL.	BELLEVUE 98008	641-8586 655-8020
GILMAN	LLOYD C.	7217 80TH AVE. S.E.	MERCER ISLAND 98040	232-4324 655-5722
GILPIN	THOMAS M.	6046 126TH AVE N.E.	KIRKLAND 98033	822-3661 789-2000
GILSON	GREG E	1744 NE 92	SEATTLE 98115	524-8095 655-0130
GLAIN	MICHEAL L	215 BUTTE AVE #M	PACIFIC 98047	939-3841 931-3194
GLICK	JAN M.	2009 12TH AVE E	SEATTLE 98122	322-3862 237-3417
GLOGER	DAVID M	9418 E 48TH AVE W	EVERETT 98204	353-2952 342-3118
GORDON	MATT	24465 200 AV SE	MAPLE VALLEY 98038	432-1318
GORREMANS	GARY L	16619 NE 180TH PL	WOODINVILLE 98072	485-1758 773-9850
GOSIESKI	GEORGE J	4305 NE 75TH ST	SEATTLE 98115	523-3128 342-0974
GOZA	BILL & BARB	14930 251ST PL SE	ISSIQUAH 98027	392-7601
GRAN	MARILYN B	406 NE 42ND ST	SEATTLE 98105	633-2798
GRAY	FRED	26309 S.E. 154TH PL.	ISSAQAH 98027	392-7026 237-5896
GRAY	ROBERT	RT. #1 BOX 274	VASHON ISLAND 98070	1-567-4172 575-7035
GREENFIELD	JIM	14336 S.E. 163RD	RENTON 98055	226-7231 237-7024
GRIFFIN	RONALD J.	16052 46TH S	SEATTLE 98188	242-9420 575-5837
GRIFFITH	GREGORY M.	4529 S 140TH	SEATTLE 98168	242-4732 655-9077
GRINAUD	PASCAL	23800 SE 137TH	ISSAQAH 98027	392-5082 773-9618
GRUBB	DAVID W	10306 MERIDIAN N #512	SEATTLE 98133	524-5905 342-0511
HAAS	JAMES A.	14401 SE PETROVITSKY E-201	RENTON 98055	228-0679 237-8922
HALVORSON	JAMES E	6619 SO RYAN ST	SEATTLE 98178	772-3417 237-3553
HARDY	MICHAEL E.	602 19TH ST SE	AUBURN 98002	833-8289 655-1331
HARVEY	CLAYTON E	3755 SW TILLMAN	SEATTLE 98126	932-9397
HARDRATH	WILLIAM T	1409B ETHIER RD S	RENTON 98055	255-6109 237-7878
HAYMOND	JOHN	611 1856 S CENTRAL PL D-39	KENT 98031	271-3632 773-2827
HENDERSON	CARL	19045 8TH AVE. N.W.	SEATTLE 98177	546-2939 237-9637
HERMANN	ALAN P.	22306 S.E. 290TH	KENT 98031	GE2-4751 342-1998
HESS	PRESTON L	1422 NW 63RD #401	SEATTLE 98107	782-5383 259-9401
HIERONYMUS	RANDY	4414 40TH AVE SW	SEATTLE 98116	937-3839 655-8636
HITCHCOCK	GLENN E.	20704 FIRST PL. S.	SEATTLE 98148	878-3784 655-5846
HOFF	KARL	13211 1ST S.W.	SEATTLE 98146	242-1503 655-4415
HOFSTATTER	RAYMOND	2375 HUGHES AVE. S.W.	SEATTLE 98116	938-3538
HOMAN	ROBERT W	11113 SE 183RD PL	RENTON 98055	228-1529

** BOEING EMPLOYEES ALPINE SOCIETY ROSTER 30-MAY-80 **

NAME	ADDRESS		HOME PHONE	WORK PHONE
HORTON	SCOTT	2274 LOTUS SW	SEATTLE 98126	935-0983
HOULE	BERNARD A.	7003 6TH AVE NE	SEATTLE 98115	682-2089
HUMPHRIES	PHILLIP E.	16604 N.E. 30TH	BELLEVUE 98008	885-0974
HUTCHINSON	F. FRED	5555 S 152 APT 16	SEATTLE 98188	242-1839
YMAN	ELAINE B.	4815 180TH SW	LYNNWOOD 98036	743-3726
INSCORE	SHERYL L.	10839 KENT KANGLEY RD #7	KENT 98031	854-7527
ISAKSON	RICHARD W.	11840 26TH SO. APT #113	SEATTLE 98168	243-3184
JALI	RICK M.	9418 G 48TH AVE W	EVERETT 98204	353-1537
JOHNSON	CAL	18225 1ST AVE. S. #A203	SEATTLE 98168	248-0232
JOHNSTON	RICHARD S.	20112 130TH SE	KENT 98031	852-1395
JONES	BARBARA A.	857 STONEBURNER LANE	KENT 98031	773-1418
JONES	DAVID L.	16015 9TH AVE SW	SEATTLE 98166	244-8087
JOSENDAL	VICTOR A.	4020 47TH AVE. S.E.	SEATTLE 98119	723-8937
JOSS	DOUGLASS S	1904 NW CANOE PL	SEATTLE 98117	782-2463
KARALUS	GREGORY A.	1150 SUNSET BLVD NE #327	RENTON 98055	237-2583
KEARY	PAUL	6619 S RYAN	SEATTLE 98178	722-3417
KENT	CALVIN W	11328 SE 192	RENTON 98055	854-2740
KENT	SUSAN L.	14351 LINDEN AVE N	SEATTLE 98133	365-1459
KENWORTHY	MARK L.	12308 SE 96TH PL	RENTON 98055	255-0202
KILPATRICK	GLEN A	330 SW SUNSET APT 5	RENTON 98055	271-7723
KIMES	KERRY K	300250 208TH ST #G6	SEATTLE 98188	824-7447
KIRSCHNER	RALPH	RT. 1 BOX 584	VASHON IS. 98070	567-4790
KIVI	ROBERT J	4705 176TH SW B7	LYNNWOOD 98036	745-9334
KLINK	KEL	32518 7TH PL S	FEDERAL WAY 98003	941-0389
KNIGHT	FRED W.	1197 KIRK ST.	ORLANDO, FLA 32808	305-295-3777 305-352-2766
KOKES	JOHN T.	4143 SW ROSE	SEATTLE 98136	938-4896
KOLBERT	REBECCA L	14030 90TH PL NE	BOTHELL 98011	823-5039
KORIS	RAYMOND K.	725 N 109TH	SEATTLE 98133	364-1650
KRENZER	RANDY E.	11020 KENT-KANGLEY #F62	KENT 08031	854-8022
KRAUSE	DARRELL K.	19627 34TH AVE SW	SEATTLE 98126	937-2616
KUMAR	DILIP	22700 28TH AVE S #208	SEATTLE 98188	878-5065
LALLY	MAUREEN	2203 NORTH 59TH ST	SEATTLE 98103	523-8298
LARSON	DAVE H.	6285 S 153RD	TUKWILLA 98188	515-5398
LARSON	DAVID E.	30602 PACIFIC HWY S. #305	FEDERAL WAY 98003	839-8045
LARSON	KARLA A	30602 PAC HWY SO C305	FEDERAL WAY 98003	839-8045
LEAHY	THIMOTHY J.	1259 W. SMITH #112	KENT 98031	852-2095
LEHV	BERNARD M	633 LAKE WASH BLVD	KIRKLAND 98033	828-3105
LIEBHABER	MICHAEL J	3425 S 176TH ST #250	SEATTLE 98188	244-6664
LEICESTER	JOHN R.	1837 NO. 200TH PL	SEATTLE 98133	546-2086
LIDICKER	RICHARD J.	11105 N.E. 145TH	KIRKLAND 98033	448-3769
LINCE	CLYDE F	1611 NO. 49TH	SEATTLE 98103	633-5799
LINK	ARLENE R	1524 172ND PL NE	BELLEVUE 98008	641-6205
LISTON	DUANE E.	12836 S.E. 261ST. PL.	KENT 98031	631-3488
LONG	DAVID W	16430 NE 17TH PL	BELLEVUE 98008	643-2167
LONG	TIMOTHY	3201 SE 19TH CRT	RENTON 98055	271-5789
MADDEN	CHRISTOPHER G.	26616 MANCHESTER AVE.	KENT 98031	852-1712
MALONEY	CHRISTOPHER T.	344 91ST PL. S.E.	EVERETT 98204	342-5371
MANGEKIAN	RICHARD S.	19309 40TH AVE W #A-4	LYNNWOOD 98036	776-6634
MARTIN	GARY E.	11026 223 SE APT A	KENT 98031	854-1173
MARTIN	THOMAS D.	6236 129TH SE	BELLEVUE 98006	641-4563
MASON	STEVEN E	752 140TH SE	BELLEVUE 98055	641-8227

**** BOEING EMPLOYEES ALPINE SOCIETY ROSTER 30-MAY-80 ****

NAME	ADDRESS		HOME PHONE	WORK PHONE
MCCLAFLIN	RANDALL&MARIE	13628 SE 251 PL	KENT	98031 631-5568 251-2715
MCKINLEY	WILLIAM K.	29204 144TH AVE SE	KENT	98031 631-7867 773-2793
MCLAUGHLIN	RUTH	12342 36TH. N.E.	SEATTLE	98125 364-6015 292-2558
MEERDINK	LAURIE	20011 4TH PLACE SO.	SEATTLE	98148 878-2993 655-5571
MERRIAM	TIM A	18622 SE 268 ST	KENT	98031 631-3492 655-9004
METZ	RICHARD W.	1828 MAPLE LANE #J51	KENT	98031
MICHELSON	RICHARD A	3706 S RIDGEWAY PL	SEATTLE	98144 722-6223 342-4411
MICKLE	EUGENE A.	12511 S.E. 53RD ST	BELLEVUE	98004 SH6-6690 655-8763
MILLER	BRADLEY D	18039 12TH NE	SEATTLE	98155 365-4659
MILLER	MICHAEL	4734 7TH NE	SEATTLE	98105 633-3166
MINOR	CHARLES M.	16003 S.E. 10TH	BELLEVUE	98008 746-2467 655-9281
MITTENDORF	STEPHENC.	2552 5TH AVE W	SEATTLE	98119 283-2023 655-1083
MOE	MARTIN F.	2443 36TH AVE W	SEATTLE	98199 283-5483 655-2373
MOLNAR	DANIEL O	1100 17TH ST	SEATTLE	98122 325-8967 773-0344
MONDRZYK	BOB	23805 S.E. 208TH	MAPLE VALLEY	98038 432-9578 773-9782
MONToya	DANIEL R	12034 71 AVE S	SEATTLE	98178 772-0273 655-3537
MORRIS	ALBERT E	908 145TH PL SE	BELLEVUE	98007 747-7235 773-9552
MORUSS	AGRIS	19223 DENSMORE AVE N	SEATTLE	98133 342-1561
MOTTERN	JOSEPH R.	7056 122ND AVE. S.E.	RENTON	98055 226-5289 773-9455
MULBERRY	WILLIAM E	2901 AUBURN WAY S #J18	AUBURN	98002 833-6187
NAKAGAWA	BERT H	221 PARK AVE N #2	RENTON	98055 255-6721 237-5634
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NICHOLS	ANNE	1700 17TH. #608	SEATTLE	98103 323-6284
NIELD	BRIAN N	13710 SE 23RD LANE	BELLEVUE	98005 747-6832 655-0143
NICKERSON	JEAN	4209 30TH SW #202	SEATTLE	98126 935-3037 655-8631
NORDSTROM	PAUL A	1910 ABERDEEN AVE SE	RENTON	98055 226-8540 237-9313
NORTHFIELD	STEVEN G	1770 NW 58 #325	SEATTLE	98107 783-8310
NYE	WILLIAM S	1904 NW CANOE PL	SEATTLE	98117 782-2463 285-3200
NYMAN	CHARLES L	4319 158TH PL SE	BELLEVUE	98006 746-5759 237-6060
OBERG	DAVID C.	4657 86TH S.E.	MERCER ISLAND	98040 232-2392 773-2885
OLCOTT	GAYLE	11208 NE 68TH #112	KIRKLAND	98033 827-1638 342-4654
OLCOTT	RONALD D.	13100 N.E. 143RD	KIRKLAND	98033 821-2797 237-0170
OLIVER	DIANE E	8306 8TH NE	SEATTLE	98115 525-5570 237-6444
OLSEN	HARRY C.	2003 128TH AVE. S.E.	BELLEVUE	98004 747-2998 237-0356
OLSON	TERENCE D.	4727 200 S.W. #146	LYNNWOOD	98036 774-5859 342-3943
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OSTROM	LARRY A	4914 354TH SE	FALL CITY	98024 222-5351 394-3192
PACKER	ROBERT L.	5111 86TH PL S.W.	EVERETT	98204 353-2644 342-0462
PAGENKOPF	JAMES H	11928 SE 210TH PL	KENT	98031 630-0622 655-3827
PARLINI	FLASH E	13710 SE 23 LN	BELLEVUE	98005 747-6832 655-4021
PECORARO	MARTY	6901 S 123 #170	SEATTLE	98178 772-0806 655-0855
PERANO	KENNETH J	23702 110TH AVE SE #F206	KENT	98031 852-3512
PETERS	JOHN T.	1303 NO. 167TH	SEATTLE	98133 542-7238 342-1825
PETERS	KIRK D	10608 SE 244	KENT	98031 852-6451 237-2502
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PETRARCA	JAMES R.	26526 235TH SE	MAPLE VALLEY	98038 432-3707 773-2957
PFEIFFER	SALLY A.	15536 GREENWOOD NO.	SEATTLE	98133 363-6978 364-0500
PIRIE	BRUCE	14401 SE PETROVISKY #E202	RENTON	98055 271-0121 655-6455
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PRINCE	MARK A	18711 30TH AVE NE	SEATTLE 98155 364-6780 342-0564
RADDATZ	HOWARD W.	P.O. BOX 255	MADINA 98039 454-9372 342-3122
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RUDD	DANIEL E	14130 59TH AVE SE	EVERETT 98204 337-1822 342-3117
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SCHNEIDER	MARK	3232 SOUTH 204TH PL #H-203	SEATTLE 98188 878-2265 773-9937
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SNOL	ROBERT M	4821 KENT-DESMOINES RD #222	KENT 98031 854-1313 655-1083
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SULLIVAN	RUSSELL M.	3539 27TH PL W	SEATTLE 98199 784-4404
SVENSSON	JON K	200 N 47TH ST	SEATTLE 98103 789-4946 655-7261
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Echo Editors	Jan & Dave Curran	251-3748	6E-03

AUGUST MEETING

THURSDAY, AUGUST 7, 1980

7:30 P.M.

BSRL CAFETERIA (BUILDING 15-01)

Program: CLIMBS OF THE AFRICAN PEAKS MT. KENYA AND MT. KILAMANJARO

plus A PHOTOGRAPHIC WILDLIFE SAFARI

Speaker: MICHAEL D. CLARKE

Mt. Kenya, at 12,000 ft., is one of the most distinctive peaks in the world for it supports glaciers despite its location just 10 miles south of the equator amidst the hot savannah of East Africa. Two hundred miles from the equator lies the highest mountain on the African continent, 18,500 ft. Mt. Kilamanjaro, one of the largest dormant volcanoes in the world. Michael will document his climbs of these two peaks as well as his participation in a photographic wildlife safari.

Last months Annual Picnic

The annual picnic was a grand time for those who turned out despite the threatening weather. The torrents of rain experienced elsewhere in the Seattle area were held to a drizzle at Camp Long. Plenty of festive people turned out with a wide variety of delectable dishes to add to the hot dogs and drinks provided by the club. After dinner the climbing rock was assaulted despite its being quite slippery. Volleyball and frisbee were the other main activities used to burn off all the energy produced by all that good food! A note of thanks goes to Dick Williams, the picnic organizer.

Activities for August

The Kautz Headwall or Glacier (Mt. Rainier), August 9

The route is not yet decided. If interested in either, please call Alan Campbell at 931-2654 (W) or 939-0652 .

North Peak of Ingall's - south ridge route, August 9 or 16

Class 5.2, hard hats and rock experience required, limit of 8 people. Call Charles Thompson at 342-2127(W) or 488-1019.

Mt. Fernon - from Lerdy Basin, August 23 - 24
Exposed Class 4, hard hats and crampons required, small party
Call Jerry Baillie at 655-8072 (work).

Slide Show at Rainier Brewery

On Monday, August 18th, Jerry and Susan Sommerman will show a selection of slides from their year-long trip in Alaska, Canada, Europe and the American southwest. The slide show will feature Jerry's climbs of Mt. McKinley, Mt. Blanc and the Matterhorn, sights of major European cities, scenes in the Canadian Rockies, views of National Parks in the southwest and climbing in Yosemite. Join them at the Rainier Brewery Mountain Room, 3100 Airport Way S., for a potluck dinner with beer provided by the brewery. The Mountain Room will open at 6:00 p.m., and we'll start eating at 6:30 p.m. Slide presentation will start at 7:30 and be over by 9:30.

Please bring a purchased or homemade dish of food with serving utensil, according to the first letter of your last name:

- A-G Meat or main dish (chicken, ham, casserole, lasagna)
- H-P Side dish, vegetable or salad (potato salad, baked beans, relish plate, green salad, jell-o, fruit salad)
- Q-Z Dessert (cake, cookies, pie, pudding)

Napkins, plates and eating utensils will be provided. Because of the location, everyone must be 21. We are restricted by room size to the number of people who can attend. Please call 938-4896 if you plan to come.

4-Sale

- 1) Lightweight pair of Down Pants, good condition - \$35.00 or best offer.
- 2) Jansport D-3 Model Frame Pack - best offer.

Call Glenn Brindeiro at 773-6415 (work).

Climb Reports

Please note that if you do not have the time to write up your climb, please try to jot down the name of the peak and participants, and send them off to the Activities Chairman, Steve Mittendorf, M/S 42-30. The information will be recorded and published in the Echo. In this way, if one is planning a climb, he or she can contact the most recent party having climbed that peak to find out the latest conditions of the trail, etc. Note that Steve has a log of all climbs that have been reported in the past years.

1. FOGGY PEAK - July 12th

On Saturday morning, July 12, 1980, 5:30 a.m. sharp, we rendezvoused at the Woodinville Prairie Market parking lot. With donuts and coffee in hand, we struck out on Highway 9 North intending to hit Highway 92 East to Granite Falls and the Monte Cristo range.

Driving through Granite Falls at 6:20 a.m., we noticed two eateries open including the Tiger's Den. Appetites sated with donuts, we ignored the beckoning doors and hastily proceeded eastward over the Mountain Loop Highway. At 7:10 a.m. we pulled into the trailhead parking area at Monte Cristo. Somewhere overlooking us in the low clouds was our destination of Foggy Peak.

Shortly, geared up, with compass and copied pages from Becky's guide, we hit the trail to Glacier Basin intending on climbing the standard south face route of Foggy Peak. An hour later, we were preparing to venture across the snow bridge which spanned Glacier Creek just above the falls, having safely negotiated the nasty slog around the cascading waters. The bridge, though badly undercut by the roaring stream, proved very stable. Once across we noticed that the creek was fordable further upstream once the bridge collapsed, hopefully not today. Turning our attention to the task at hand, we looked north and upward at the swath of trees running up the cliff-band, seeing only grey skies. So, content with the glimpse of Foggy given to us earlier, we ventured along the small stream and thence into the forest.

Choosing one of the many trails, we pounded upward until, 45 minutes later, we broke out into a snow patch. Pausing for a bite of food and applying a little moleskin, we decided not to push brush to the direct left but to continue upward, bearing to the left. Ascending snow and then talus, we were blessed with a fleeting glimpse of Ida Pass on our right. After digesting this piece of information we traversed to our left, westward, dropping down to circumvent a ridge that wouldn't move. Ascending snow and talus once more we now figured we were under Foggy's south face. Pondering which gully to rush up, we ate. A very brief, wispy clearing gave no clue. So, going with gut feel and compass, we chose the wrong avenue. However, once we ascended this gully, we had a splendid view of Goat Lake and the New York Glacier from the gap that we found ourselves visiting. Dropping back down the gully, we traversed westward via ledges and goat trails, up and down intermediate gully systems until we met with the "broad, steep gully" of guidebook fame just below it's confluence with the "short, narrow couloir to the small notch leading to the summit." A short while later we were on top, enjoying the Foggy view southward, our lunches and a very nice view northward.

The summit register was interesting. Placed in 1973, the booklet had no entries recorded from 1974 until 1979. In all, there were about 20 names entered for the last 7 years. We were the 7th and 8th BOEALPERS to make the climb this year. The previous 6 were members of the 1980 BOEALPs Climbing Class - 3 instructors and 3 students. Summit time was 2:30 p.m.

After down climbing the Class 3 Pitch from the summit proper, we decided that we would bypass the move that got us out of the couloir by rappeling 15 feet back into the couloir. From there we slowly down climbed the big gully, fully appreciating its steepness. Finally, at the bottom we reached snow. Looking back into the fog from where we had just come, the gully bore a resemblance to a wall. Had we stood at the very spot during our climb, it is likely that we would have missed the gully and veered to the right. Plunge-stepping down the welcomed snow brought us to talus and marmots. Buoyed by their whistling and our success, we traversed downward and to our left, heading for the strip of timber that would take up back to the snow bridge and the Glacier Basin trail.

Despite one groundshaking fall apiece in the slippery and treacherous timber, we arrived back at the car at 9:30 p.m. with the snow bridge still standing. Mulling over the reasons for the 14 hours we spent on the climb we concluded that the choosing of the proper gully would have been facilitated by decent visibility and would have cut several hours from our effort. Without being able to see the gully system from the south, our choice should have been to proceed ahead and not begin with the rightmost gully. (In other words, my partner was right! Pictures do lie.) All in all, we feel the climb is worth the view alone, especially, we suppose, on a clear day.

The party was composed of Dave Jones and Gary Gorremans.

2. MT. RAINIER, TAHOMA GLACIER ROUTE - June 21st-23rd

The climb started at the Caveman in Kent where we loaded up on barbequed chicken, beans, and potato salad in anticipation of the freeze-dried food ahead. We got to Rainier Park and took the West Side Road to Round Pass where we found the road closed (no snow, but locked gate).

We soon packed up and were on our way to St. Andrews Park by way of South Puyallup Creek Campground. Part way up the ridge to St. Andrews, we caught up with earlier members of our party who had graciously taken a longer route by road to enable us to catch up. We got to the top of the ridge overlooking St. Andrews Park (about 2 hours from road) and set up camp for the night. (I would highly recommend getting into St. Andrews the night before due to the length of the approach.)

We headed up the ridge (the Puyallup Cleaver) the next morning staying just south of the top of the ridge, passing just below Tokaloo Rock. At about 8000' we went over the top of the cleaver and out onto the Puyallup Glacier (which runs on the north side of the cleaver). We then continued up contouring around numerous gendarmes on the cleaver. (You can stay pretty close to the cleaver but watch for falling rock.) We got back on the cleaver at about 9000' where there is a good place to camp (mentioned by Becky).

We met a BOEALPs group here who told us they had gotten part way up the Sickle that day but were forced to turn back. They mentioned they had spent considerable time in negotiating the Tahoma Glacier to get to the Sickle. (We hoped to be able to follow their tracks in the morning to save time.) The BOEALPs group also graciously loaned us some wands to make up for the ones we forgot to bring.

After a short break we continued up the cleaver to 3 good campsites on rock at about 9800', just before the snowfield down onto the Tahoma Glacier. We had wanted to get at least this high to have a good shot at the top the next day. We had a quiet dinner and settled back to a relaxing night of high winds.

We were up early and were depressed to see layers of clouds, both above and below. All but one of us decided to give it a shot anyway, and we hit the trail at 7:00 a.m. We were encouraged to find we could follow the path the previous party had laboriously forged up the Tahoma Glacier. After numerous jumps, including an interesting "double", we arrived at the base of the Sickle at 10:00 a.m.

We then got a short discourse on the effects of altitude sickness which was cut short by a sudden break in the weather. We quickly started up the Sickle and arrived at a relatively flat spot at 13,000' at about 12:00 noon. (The Sickle looked as if snow and ice slid down it occasionally, however we saw no specific examples of this on our trip.)

We were quickly off again and circled around towards Liberty Cap to approach the summit from the northwest side. We were somewhat discouraged by seeming to cover a lot of ground without seeing Liberty Cap sink below the horizon. At about 13,500' the wind picked up to 30-40 mph and we became socked in. We started placing wands closer together hoping they'd hold out until the summit. At about 14,100' we ran out of wands and were about 20 min. from our 3:00 p.m. turnaround time. We decided to go a little farther by leaving packs at short intervals and soon got to the rim of the western crater. We broke over the rim of the western crater directly across from the true summit. We quickly unroped and dashed over, arriving at the summit at 3:01 p.m. We lounged around for 5 or 10 seconds and then headed back across the western crater to the ropes. We roped up and started down with the white-out still persisting.

The wind died and we broke out of the white-out about halfway down the Sickle. (We were happy to find we had done a good portion of this steep section without knowing it.) It quickly became hot and we started thinking of all the snow bridges we had crossed on the way up. After numerous soft(?) bridges and a lot of jumping (including the now infamous "double") we faced the final 300' snow field to get back up on the cleaver. We slooooowwwly worked our way back up this and arrived back in camp at about 7:00 p.m.

There was an immediate collapsing of bodies into tents with some climbers not coming out to eat and drink until midnight. We awoke to fresh snow the next morning, and decided to hurry out and eat at Copper Creek. We reached the West Side Road in 4 hours (which was now open) and sent a member to fetch the cars. Climbers were Dick Metz, Paul Bouche, Rick Bouche, Bruce Pirie, Jim Haas and Tim Leahy.

3. SUCCESS CLEAVER, MT. RAINIER - July 4th-6th

The first ascent of Success Cleaver was made in 1905 by two competitively obsessed climbers representing the Sierra Club. These two had been camped at Paradise, undoubtedly looking over the route and carefully planning their first ascent, when they heard that a group of four Mazamas had left to do the climb. They left from Paradise, traversed the several glaciers on the south of Rainier to the base of the cleaver, climbed the entire ridge to the summit, holed up in the crater for the night, and descended to Camp Muir after 35 hours without food or sleep. After having made the ascent of the cleaver I've developed a special appreciation for this mad feat. We left the car on schedule at 8:00 a.m., July 4th and headed up the Tahoma Creek trail to Indian Henry's Hunting Ground. The skies were generally overcast but tempted us occasionally with sunny holes. Above Indian Henry's we worked around the west side of Pyramid Peak, reaching the saddle at the base of Success Cleaver in some of the most radical weather ever encountered. The conditions changed regularly at what seemed like 5-minute intervals, from rain to snow to hail to sun, for the better part of the day. We pushed on past the large camp at 8,300' hoping to find the higher camp and to have an easier second day. The Cleaver is fairly gentle until the 9,000' level, where the route is forced below the crest for some fairly exposed traversing. Finally, as we began worrying that we couldn't find any place to pitch a tent, we spied a downsloping platform on the west side of the ridge behind us. We were on top of the second step mentioned in the book as being at 9,500'; our altimeters read 10,000'. The spot was certainly one of the more spectacular places I've camped, affording a first-hand view of the South Tahoma Headwall, but it was also very windy. After having logged many miles and 6,800 vertical feet with full packs, the one thing we didn't need was a wildly flapping tent.

The next morning was beautiful - we were above the clouds and the sky was clear. Breaking camp and hefting full packs, we continued up the Cleaver. At 11,000' we left the ridge and moved into the gulley, which we ascended to its top and exited to the right at 12,000'. The slopes seemed endless above here, gradually steepening towards the final rock band forming the final barrier to Point Success. The angle and exposure is relentless above base camp with some rock and icefall danger. Snow conditions were generally lousy, consisting of an ice layer covered with up to 1 foot of treacherous fresh or wind-packed snow. These conditions contributed greatly to the overall party exhaustion, so when we reached the final rock band and looked over at the imposing key notch and snow ramp above, we opted for a spectacular variation to the finish. Crossing to the left of the crest we traversed across the top of the South Tahoma Headwall (lower angle but less direct) before turning the corner and seeing the summit. What a relief! We had definitely exhausted the available step kickers. We reached the crater 11½ hours after leaving base camp and quickly set up our victory camp. The entire climb was done unroped, which is testimony to two things: 1) the sustained angle and the prevalent snow conditions of the climb, and 2) the esthetic purity of the route. Few routes on Rainier reach the summit without crossing glaciers at some point. Success Cleaver rises 5,000' from its base to Point Success in one direct line without any intervening glaciers. We settled into camp for a beautiful night on the summit, followed by our descent through Camp Muir the following day. The climbers were Mark Dale, Dave Larson, Shawn Whitlow, Rip Stevenson, and Steve Mittendorf.

Keep these phone numbers handy!

County Sheriffs Emergency Numbers

Chelan: 509-663-2636
Clallam: 206-452-2333
Grays Harbor: 206-532-3284
Jefferson: 206-385-3831
King: 206-344-3830
Kitsap: 206-876-7101 *
Kittitas: 509-925-9858
Lewis: 206-748-8887
Mason: 206-426-9766
Okanogan: 206-422-3130
Pierce: 206-593-4970
Skagit: 206-336-3146
Skamania: 509-427-5626
Snohomish: 206-258-2484
Whatcom: 206-676-6711
Yakima: 509-575-4342

* after regular hours call 911

Misc. Numbers

Wash. State Ferries Info: 206-464-6400
Seattle MRC Call Center : 206-488-8580
Snow Cond. Report : 206-442-SNOW
State Weather : 206-285-3710
Pass Report : 206-464-6010

Park Service

North Cascades: 206-873-4500
Mt. Rainier: 206-569-2211
Olympic: 206-452-9235

Forest Service - Main Offices

Mt. Baker-Snoqualmie: 206-442-5400
Colville: 509-684-5221
Gifford Pinchot: 206-696-4041
Okanogan: 509-422-2704
Olympic: 206-434-9534
Wenatchee: 509-662-4223

Mt. Baker-Snoqualmie Districts

Baker River: 206-853-2851
Darrington: 206-436-1155
Glacier: 206-599-2714
Verlot: 206-691-7791
North Bend: 206-888-1421
Skykomish: 206-677-2414
White River: 206-825-2517

Gifford Pinchot Districts

St. Helens: 206-238-5244
Mt. Adams: 509-395-2501

Olympic Districts

Shelton: 206-426-8265
Quilcene: 206-765-3368
Hoh River: 206-374-6925
Staircase: 206-877-5569

Okanogan Districts

Twisp: 509-997-2131
Winthrop: 509-996-2266

Wenatchee Districts

Chelan: 509-682-2576
Cle Elum: 509-674-4411
Ellensburg: 509-962-9813
Entiat: 509-784-1511
Lake Wenatchee: 509-763-3103

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BOEING EMPLOYEES ALPINE SOCIETY, INC.



President	Rick Gibbs	655-8020
Vice Pres.	Glenn Brindeiro	773-6415
Secretary	Kim Williams	773-5030
Treasurer	Bill Wood	773-5838
Past Pres.	Walt Bauermeister	342-0662

Activities	Steve Mittendorf	655-6300 42-30
Programs	Jan Glick	328-0325
Equipment	Marty Pecoraro	655-0855
Membership	Jim Haas	237-7381 77-33
Conservation	Lynne Filer	258-7555
Echo Editors	Jan & Dave Curran	251-3748 6E-03

SEPTEMBER MEETING

THURSDAY, SEPTEMBER 4, 1980

7:30 P.M.

BSRL CAFETERIA (BUILDING 15-01)

Program: Election of Executive Officers and
the film FREE CLIMB, The Northwest
Face of Half Dome

At this months meeting the executive officers will be elected for the coming year. Candidates for the offices will be announced at the meeting. Once the executive board is elected they will appoint persons to fill the Activities, Programs, Equipment, Membership, and Conservation chairmanships as well as the Echo editors position. Anyone interested in one of the positions should contact one of the current executive officers or chairmans. Remember that the club is only as good as the members make it so consider getting involved and volunteering for a chairmanship.

This months program will also feature FREE CLIMB, a film directed by Robert Godfrey and narrated by Robert Redford. The film documents the story of an obsession. Jim Erikson and Art Higbee attempt to free climb the two thousand foot high vertical face of the Half Dome in Yosemite Valley, California. Nine attempts in five years. Nine attempts - nine failures. In FREE CLIMB they try once more.

Congratulations to club member Phil Ershler who has just completed his 200th climb of Mt. Rainier, a record number of ascents!

September Treasurer's Report

Beginning Balance	\$ 3074.77
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Disbursements

Mt. McKinley Expedition	500.00
Annual Club Picnic	<u>164.27</u>
Total Disbursements	664.27

Receipts

Mt. McKinley Expedition	500.00
Dues	60.00
Total Receipts	560.00
Ending Balance	\$ 2970.50

Activities

Annual Black Peak President's Climb, Sept. 27&28

Once again the outgoing president shall lead the climb of Black Peak in the North Cascades. The trip starts at Rainy Pass and takes in 6 miles of fine vistas on the way to Wing Lake at the base of Black Peak. The climb is of only moderate difficulty but can offer lots of excitement as it did last year. For details on this trip contact Rick Gibbs at 655-8020.

Mt. McKinley, May 1981

Through having a club member who is also a professional mountain guide we are able to offer another special reduced price, guided climb of the West Buttress for club members only. Exact cost has not yet been determined, but is expected to be less than \$1000.00 per person (about a \$400.00 discount). This cost is only slightly more than it would cost to go on your own, and you avoid all the preparation problems and mistakes that first-time expedition climbers usually make.

If interested, now is the time to start planning. Contact Phil Ershler (climb leader) at 641-7264 or Roy Ratliff (BOEALPS Coordinator) at 773-2380 for further information.

Popocatepetl (Popo) and Orizaba, November 8 to 15, 1980

Special guided climbs of the Mexican volcanoes Popocatepetl (17,882') and Orizaba (18,880'), the third and fifth highest peaks in North America, are being offered for club members only.

The climbs will be led by club member Phil Ershler. Phil should need no introduction to most club members. Besides being a club member, he is a past instructor for the basic climbing class (76,77, and 78) and the assistant chief guide on Mt. Rainier.

These Mexican climbs are considered ideal learning ground for climbers who would like to get into high altitude mountaineering. The routes that will be taken are not technically difficult, but are very worthwhile ascents. The climbs can be compared to climbing Mt. Rainier from the 10,000 foot level up.

Time will be available for sightseeing in and around Mexico City during the eight days.

Cost of the trip will be \$385; this covers land cost while in Mexico. The cost is approximately \$150 less than other next-least -expensive guide service. Airfare is extra.

For further information, contact Roy Ratliff at 773-2380 (W) or Phil Ershler at 641-7264.

BOEALPS! PLEASE HELP! Your Letters Are Needed

"The Boulder River-Dickerman Wilderness Proposal"

The Boulder River-Dickerman Wilderness proposal encompasses an area of approximately 80,000 acres which lie "inside the loop" of the Mountain Loop Highway, an area which runs from Everett to Monte Cristo to Darrington to Arlington. Most of us are probably familiar with a lot of the mountains in the proposal, such as Three Fingers, Whitehorse, Mt. Dickerman and Mt. Forgotten. The area also contains one of the last unlogged virgin valleys left in Western Washington. The valley river is the most important tributary on the North of the Stillaguamish River. The Boulder River is also of Class A river quality and is extremely important to the salmon and steelhead fisheries.

The valley has not yet been logged due to the expense of road building caused by poor soil conditions, which would bring extreme erosion. With the price of timber this now has all changed, and the Forest Service has released the area for multiple use.

It is the position of the Boulder River Protection Association that this area deserves full congressional protection as a wilderness area. This is the only classification adequate to insure that this area is preserved. They are asking the help of all organizations concerned with the outdoors to write letters to Congressman Swift and Senators Jackson and Magnuson in a fight to keep this area protected. Every other comparable valley has been given over to timber cutting. This is the last one in the region, it would be a shame to lose it. So please write.

Congressman Swift 1511 Longworth House Office Bldg. Washington, D.C. 20515 (1-202-225-2605)	Senator Henry M. Jackson 137 Russell Bldg. Washington, D.C. 20510 (1-202-224-3441)	Senator Warren G. Magnuson 127 Russell Bldg. Washington, D.C. 20510 (1-202-224-2621)
Federal Building Everett, WA 98201 (252-3188)	1010 Fifth Avenue Seattle, WA 98104 (442-7476)	1010 Fifth Avenue Seattle, WA 98104 (442-5545)

You can also call Western Union at 1-800-257-2241 and say you want to send a Public Opinion Message to your congressman or senator. You can then send 15 words or less for \$2.00 and have it billed to your telephone number.

Any questions, call: Lynne Filer at 259-3041 (Hm) or 258-7555 (Wk)
or

Brent Young
Boulder River Protection Association
P. O. Box 73
Silvana, WA 98287
652-6327 or 342-3384

CLEAN CAMPING

With more and more hikers and climbers in our wilderness areas every year, it unfortunately means more and more litter, so here are some helpful hints on helping keep our mountains and forests preserved.

1. Don't start a fire where there hasn't been one before. No sense in marking up the countryside.
2. Don't go to the bathroom near any water supply, it can seep into the water supply. The Park Department suggests 6" down is how deep a hole you should dig for human waste. Then cover it up.
3. Don't wash dishes in the streams. Get some biosuds, boil your water and wash your dishes and rinse. You may want to carry in a zip-lock bag a small bottle of biosuds, a small scrubie sponge and a small dish towel.
4. Don't spit your toothpaste in the water. Roll over a small stone, spit out your toothpaste, then roll the stone back.
5. They say that "Ivory" soap is biodegradable. Not true - especially in non-running water. There are some beautiful lakes in the Cascades, let's not ruin them.
6. If you can pack it in, you can pack it out! After you have emptied the contents of a can, open the other side also. Put both ends inside the can and then smash the can flat with a rock. It makes it easier to pack out.

This year the Boy Scouts of America are making an effort to clean up camping areas and trails. So let's try to do the same. If you find some trash that's not yours, pick it up and pack it out!

Let's hope that anyone who comes across your last campsite won't find a trace that you were there.

CLIMB REPORTS

MT. RAINIER, PTARMIGAN RIDGE - July 26th & 27th

It was already warm at 3:00 a.m. Sunday, at our 10,200' bivouac site on Ptarmigan Ridge. Too warm to attempt a route on something like Willis Wall with its high rock and ice fall hazard. Even our safer route on Ptarmigan Ridge woke us up with an avalanche earlier in the morning.

A diplomatic discussion of this problem led towards aborting the climb. But Jerry Sommerman got us going with his statement that "by procrastinating we were deciding" and that "we should at least take a look at it." With that we crawled out of our bivy sacks - an action that Agris Moruss later identified as "the crux move."

We began by following the main route in Beckey's Guidebook, then taking the 1934 variation to the exit gully for the North Mowich Face route. First steep snow was climbed to reach two pitches of steep ice. Several rocks buzzed by as we began the slow traverse across the ice. Then later, Hal Throolin endured a full rock shower without being hit.

The traverse ended in an ice gully which was climbed in one and one-half pitches. As we began to climb this gully, additional rock showers were observed to hit the traverse. Since the rock fall hazard from above seemed low, it was apparent that the safest way out was up.

At the top of this gully snow slopes were followed over to the exit gully. A climb of a short class 4 rock pitch in crampons at the top of the exit gully put us onto the Liberty Cap Glacier which was followed to Liberty Cap. The climbers were: Agris Moruss, Jerry Sommerman, Hal Throolin, and Glenn Brindeiro.

Climbing Notes - Ptarmigan Ridge

Approach Route: The route along the ridge line of the volcanic moraine leading to point 10,300' is unpleasant, dangerous and slow. Best to drop down onto the Mowich Glacier from 9,400' and approach the 10,200' site from the west.

Times: Mowich Lake to 10,200' - 8 hours
10,200' to Liberty Cap - 11 hours
Liberty Cap to White River ~ 6 hours

Equipment: Ice screw (10); snow pickets (2); pitons (5); friend (No. 1); small chocks (3); 150' 11-mm. ropes (2); ice hammers (4); hard hats (4).

NOTE: All equipment was used.

MT. RAINIER, KAUTZ ROUTE - August 8th, 9th, 10th & 11th

Our three-man party met at the Paradise Visitor Center on Friday afternoon, August 8th at 4:00 p.m. After explaining to the climb leader, Dick Gilbert, why the two of us, Gory Gorremans and Dave Jones, were late, we hoisted our packs and started for the Moraine Trail leading to the Nisqually Glacier. Three hours later, we had negotiated the broken up Nisqually which resembled a lunar landscape, and established our camp at the top of a steep rock gully at about 7,000' overlooking the Wilson Glacier. The first of three beautiful nights was upon us.

The next day, after a leisurely breakfast, we began climbing the west edge of the Wilson, our time of departure being 8:30 a.m. The snow was hard, necessitating crampons for the rest of the day. The Wilson was slightly crevassed but no long traverses were required. A moderately steep ice slope presented a few long moments but was soon behind us. At 11:30 a.m., we allowed ourselves 1-½ hours for lunch. Continuing on, we left the Wilson and began ascending the Turtle, a snowfield which lies just below the rocks of Camp Hazard, our destination. By this time the ice cliffs of the Kautz Glacier loomed over our heads.

At 4:30 p.m. we pulled into camp to be greeted by 4 climbers who had arrived the night before and laid over for the day. By 7:30 p.m. we had eaten and hit the sack with visions of icefall dancing in our heads.

Our late departure at 5:30 a.m. the next morning was due to absolutely no moonlight. We had originally thought to gain the upper Kautz by crossing over the small waterfall and finding a route through the seracs and ice to the left of the ice cliffs proper. This proved to be unfeasible without sufficient light so we dropped down approximately 300' around the point of the icefall and turned up the Kautz ice chute behind the 4 climbers of the earlier party. The ice chute was ascended with the help of steps chopped in the ice. Winding our way over and around sun cups and crevasses we finally gained the confluence of the Kautz and Nisqually Glaciers where a rest was in order. Our map indicated the altitude to be 13,000'. A long traverse and several snowbridges later we reached Columbia Crest. Summit time was 1:15 p.m.

At 1:40 p.m. we departed the summit for lower climes, retracing our steps with no problems. Upon approaching the top of the Kautz ice chute we bore to the left into the ice pinnacles, intending to avoid losing several hundred feet of altitude by setting up a rappel down the side of a serac. The rappel and some downclimbing brought us out where we wanted. It was 6:30 p.m. when we returned to Camp Hazard, too late to break our camp which we had left intact.

The next morning, August 11th, at 7:30 a.m. we started down the mountain. Looking back we saw the first cloudcap of the weekend. Below the Turtle we kept to the rock ridge to avoid some crevasses on the Wilson. The steep ice slope was cautiously downclimbed and soon the muddy Nisqually was also behind us. Amongst the tourists once more we noted the time as 2:30 p.m.

This climb took 3 days and nights which we feel was about right for the Kautz Route this time of year. Although we saw and heard ice and rock fall from the ice cliffs, we were not threatened.

For Sale (BN=Brand New, LN=Like New, WU=Well Used)

1. Trak Backcountry skis- metal edges (BN)
2. Light weight down pants (LN)
3. Swallows Nest Cagoule (LN)
4. Swallows Nest Windpants (LN)
5. Balaclavas and Ski Masks (LN)
6. Sleeping Bag cover (LN)
7. Northface down sleeping bag- expedition (WU)
8. Super Gaitors - size 31 (WU)
9. Whillans Sit Harness (WU)
10. Headlamp system (WU)

Call Glenn Brindeiro for more information at 773-6415

Last but not least....

We would like to say hello to the Peninsula Wilderness Club which is based in Bremerton. This club is similar to the BOEALPS in its activities. If you would like to learn more about this club contact Craig Martin, president, at 275-6915 or by writing the Peninsula Wilderness Club, P.O. Box 4214 Wycoff Sta., Bremerton, Wa.. Dave Curran has a copy of their July newsletter. If you would like a copy of this copy, just give him a call at 251-3748.

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BOEING EMPLOYEES ALPINE SOCIETY, INC.



President	Dave Curran	251-3748
Vice Pres.	Steve Mittendorf	237-6517
Treasurer	Bob Mondrzyk	655-2928
Secretary	Martha Wycoff	828-2350
Past Pres.	Rick Gibbs	655-8020
Programs	Jeff Bland	342-3842

Activities	Jerry Baillie	655-8072	41-16
Equipment	Dave Larson	655-3016	43-11
Membership	Don Taylor	237-5750	69-92
Conservation	Faith Szafranski	575-7216	9C-02
Echo Editor	Judy Swapp	773-0235	8A-72
Librarian	Jerry Sommerman		1E-57

OCTOBER MEETING

THURSDAY, OCTOBER 2, 1980

7:30 P.M.

BSRL CAFETERIA (BUILDING 15-01)

PROGRAM: "Avalanche Seminar"

Presented by: Ranger Ken White

"Cross-Country Skiing in the Stehekin Area"

Presented by: Barb McDonald

Ken White is a ranger with the National Forest Service, Mt. Baker-Snoqualmie District. He has an extensive background in avalanche study and rescue, and will give a presentation on these subjects.

Barb McDonald runs a cross-country ski area at the north end of Lake Chelan. She will present a slide show documenting the opportunities for skiing and lodging in this beautiful and isolated area.

SEPTEMBER MEETING MINUTES

The outcome of the September Officer elections held at the past months meetings were as follows:

President	Dave Curran
Vice President	Steve Mittendorf
Treasurer	Bob Mondrzyk
Secretary	Martha Wycoff

The Fifth Officer's position is held by the outgoing President, Rick Gibbs.

It was the job of the newly elected officers to appoint chairpersons. Those appointed are shown at the top of the page.

The Finance Committee report was presented to the membership for approval and passed as it was presented. The report called for the purchase of 6 pair of Sherpa showshoes, 3 four-man tents, cross-country ski gear acquisition (\$100.00 maximum), and the formation of a library (with initial expenditure of \$250.00). The purchases were perceived as best meeting the needs of the club members and will all be available for member's use. The library will attempt to provide climbing guides and information on areas outside of Washington as well as contain many current climbing publications.

The film "Free Climb" had everyone's adrenalin "pumping". One little girl described everyone's thoughts on climbing the half dome, "That's a big rock, Daddy!" If you missed this show, don't miss your next chance to see this great film.

BOEALP's PHOTO CONTEST

As the new editor of the Alpine ECHO, I am planning on a more up-to-date look for the newsletter. As a kick-off, we will hold a photo contest with the winning photo to be used as a cover for the newsletter.

CONTEST RULES:

- 1-3 photos per entry (1 entry per person)
- Photograph of mountain scene or similar
- Black & White or color prints or slides
- Deadline, Friday, October 17th
- Winner will be selected by Executive Committee members and will be notified by phone
- Photos will be returned.

(FILL OUT ENTRY FORM AT THE BOTTOM OF PAGE, AND SEND WITH PHOTOS)

THE NEW BOEALP LIBRARY!!!!!!

A new service is being created for the BOEALP members and we are asking for your help to make it work. The idea of a library has been tossed around for some years. Finally, action is being taken on it. The initial purchases and acquisitions will come from two areas of climbing related books. Purchases of guide books of non-local areas will be the first phase along with subscriptions to OFF-BELAY, SUMMIT, MOUNTAIN, and the AAJ. The second area is where you come in. We are asking for donations to the library. If you have any old climbing related books or magazines sitting around your house, please consider donating them.

Check out of the materials will be through the Boeing mail, which is a free and convenient vehicle available to us. If there are any questions or suggestions or donations which you wish to make concerning the new BOEALPs Library, please contact Jerry Sommerman at home, 938-4896, or through his mail stop at work, 1E-57.

A list of the inventory in the library will be published in the ECHO every other month once we get things organized. Until that time we will keep you informed about progress in acquiring books. The check out procedure will be described in the next ECHO.

Again, if you have any questions or suggestions or donations (especially donations), please contact Jerry Sommerman.

As of September 17th, the magazine subscriptions have been sent out and an order for approximately 35 books has been placed.

ENTRY FORM for PHOTO CONTEST

NAME: _____ M/S: _____

WORK PHONE: _____ HOME PHONE: _____

DESCRIPTION & LOCATION OF PHOTO: _____

Mail to: Judy Swapp, M/S 8A-72 (773-0325, 854-4057)

KEEPING THE "WILD" IN WILDERNESS

The purpose of this article is to answer questions about wilderness in the National Forests. After reading this, we hope you will better understand what a wilderness is and how the Forest Service, U. S. Department of Agriculture, with your help, tries to keep it wild.

What is Wilderness?

The National Wilderness Preservation Act of 1964, defines a wilderness as an area of undeveloped federally owned land, designated by Congress, that has the following characteristics:

- It is affected primarily by the forces of nature; it is an area where people visit but do not remain. It may contain ecological, geological, or other features of scientific, educational, scenic, or historical value.
- It possesses outstanding opportunities for solitude or a primitive and unconfined type of recreation.
- It is an area large enough so that continued use will not change its unspoiled, natural condition.

That's what you can expect when you visit a wilderness. Usually you will not find ready-made campsites, picnic areas, or ski facilities. The exceptional natural qualities you do find in wilderness areas wouldn't last for long without some help. So that's where Forest Service management comes in.

Objectives of Wilderness Management

Certain specific management objectives are followed by the Forest Service in managing wilderness. These are:

- To perpetuate for present and future generations a long-lasting system of high quality wilderness that represents the natural ecosystems found in the National Forest System.
- To provide opportunities for public use, enjoyment, and understanding of a wilderness experience.
- To maintain plants and animals native to the area by protecting complete communities of plant and animal life.
- To maintain watersheds in a healthy condition.
- To protect threatened or endangered plant and animal species.
- To maintain the primitive character of wilderness as a benchmark for comparison with lands that have been developed.

The Objectives in Action

In broad terms, following these objectives means that practices that could alter the natural qualities of wilderness will not be permitted. For example, there will generally be: (1) No use of motor vehicles, mechanical transport, and motorized equipment; (2) no buildings, roads, powerlines, developed public recreation facilities, or other permanent manmade structures; (3) no timber harvesting; and (4) no tampering with vegetation for watershed, wildlife, or forage purposes.

But there are exceptions, designed to benefit both the wilderness and humans. For example, if there are no good alternatives:

- Fires may be fought with mechanical equipment, if they threaten life or property. (In cases where fire is needed to maintain natural ecological systems in wilderness, they may be allowed to burn under close surveillance if prescribed conditions of humidity, temperature, topography, fuels, etc. are met).

- Insect and disease epidemics may be controlled with the latest technologies available.
- Certain manmade structures may be installed to protect the soil, water, or vegetation.
- Motorized vehicles may be authorized for use in search and rescue operations.

Other Human Imprints

The Forest Service also permits certain kinds of facilities in the wilderness as long as they do not adversely affect the area.

Visitor-Use Facilities - Visitor-use facilities are permitted only as needed to protect and manage the wilderness resources.

- Trails to protect soil, water and biological resources, and to distribute visitors are permitted throughout the wilderness.
- Bridges that prevent damage to a creek or river bank, or protect a visitor from hazard are provided.
- As a general rule, shelters are not built... Any that existed at the time of wilderness designation are maintained until they need major repair or their continued use begins to downgrade wilderness resources. Then they are removed. (Cabins and shelters that exist now in vast and remote areas, such as Alaska's potential wilderness, may be exceptions. In such cases, cabins may be continued or even expanded.)
- Camping may be restricted if too many people begin using the same areas and wilderness resources are damaged by such things as excessive trampling of soil and vegetation or fouling of streams and lakes.
- Simple water sources, such as hand pumps, if they existed before wilderness designation, may be kept and maintained.
- Pit or vault toilets serviced by nonmotorized or nonmechanical transport may be added where human waste disposal problems cannot be corrected by dispersing or limiting visitors.

Commercial Service Facilities - Commercial services needed for proper use and enjoyment of the wilderness are allowed under special use permits, and certain manmade installations may be allowed for these services.

- Outfitter camp permits may allow hitching racks and corrals made of native material at approved locations. These facilities should be designed so they can be easily dismantled, if necessary, at the end of a season.
- Tent frames with board flooring, wood sidings, or built-in bunks used by a permittee are not generally allowed. However, if their use was authorized in the season before wilderness designation, then they may continue to be used until replacement or major repair work is needed or until their continued use would cause damage to wilderness resources. New installations of this nature will not be permitted.

This is the picture as it might apply to you personally on a visit to the wilderness. But don't be surprised to see some other activities that don't seem to fit the wilderness concept we've described!

Non-Emergency Exceptions - As mentioned earlier, the Forest Supervisor may allow motorized vehicles, equipment, and mechanical transport to be used in case of emergency, such as fighting dangerous forest fires or saving lives. In addition, a number of non-emergency uses of motorized equipment will be possible.

- Weather stations existing when the area was designated a wilderness may remain, as long as the operating agency agrees that each time a device needs replacing it will be converted to miniaturized equipment and camouflaged.
- Aerial fish stocking programs that were in operation by State game and fish agencies before wilderness designation may continue with Forest Service approval.

- State agencies re-introducing animals in a Forest Service-approved project may use mechanical transport, including helicopters, if the Assistant Secretary of Agriculture determines that the re-introduction is desirable and that no practical alternative mode of transportation exists.
- Aircraft and motorboat use may continue if their use was established before wilderness designation and if the wilderness management plan shows that continued use is necessary and proper in the wilderness.

Congress specifically allowed certain other well-established uses to continue within the wilderness system.

- Improvements for grazing are permissible when needed to protect wilderness resources. (Livestock grazing is permitted where such use was established before the wilderness was designated.)
- Prospecting for minerals and location of mining claims is permitted through December 31, 1983, under The Wilderness Act. Mining operations on proven or patented claims are permitted indefinitely.
- Hunting and fishing are allowed under State and Federal laws and regulations.
- New water projects or parts of projects are prohibited except on specific authorization by the President. Existing water developments must be made compatible with the wilderness environment or be removed.

Conclusion

Despite these recognitions of human presence, naturalness is still the most important characteristic for a wilderness. Because of the continuing spread of human imprint on the land, naturalness is probably more important now than it was in 1924 when the Forest Service set aside part of the Gila National Forest in New Mexico as the Nation's first wilderness. The Forest Service, with more than half a century of experience in wilderness management, is continuing to seek ways to assure the benefits of an enduring wilderness resource for future generations of Americans.

U. S. Department of Agriculture Sylvia Brucchi
Forest Service 1601-2nd Ave.
 Seattle, WA 98101
 FS-319

ACTIVITIES

Mt. Erie - mid October

Rock climbing for those interested in learning to lead Class 5 pitches. Call Steve Mittendorf at 237-6517 or 283-2023.

Popocatepetl (Popo) and Orizaba - November 8 to 15, 1980

Special guided climbs of the Mexican volcanoes Popocatepetl (17,882') and Orizaba (18,880'), the third and fifth highest peaks in North America, are being offered for club members only.

The climbs will be led by club member Phil Ershler. Phil should need no introduction to most club members. Besides being a club member, he is a past instructor for the basic climbing class (76, 77 and 78), and the assistant chief guide on Mt. Rainier with over 190 summit climbs (the world's record number of ascents).

These Mexican climbs are considered ideal learning ground for climbers who would like to get into high altitude mountaineering. The routes that will be taken are not technically difficult, but are very worthwhile ascents. The climbs can be compared to climbing Mt. Rainier from the 10,000 foot level up.

Time will be available for sightseeing in and around Mexico City during the eight days. Cost of the trip will be \$385; this covers land cost while in Mexico. The cost is approximately \$150 less than other next-least-expensive guide service. Airfare is extra. For further information, contact Roy Ratliff at 773-2380 (work) or Phil Ershler at 641-7264 (home).

CLIMB REPORT

West Peak, Mt. Olympus - October 22-24

This excited pair of BOEALPers could not wait to start their trip to the Hoh Rain Forest, entrance to the "short" route to Mt. Olympus, until morning so we took off late on Thursday night and arrived at our destination at 3:00 a.m. Despite the late hour, the choice to drive through the night permitted us to get an earlier start next morning and enabled us to pull off along Hwy. 101 and listen to the ocean with no traffic noise, see a herd of elk at the Hoh, and watch countless shooting stars as we lay in our sleeping bags under the bright sky.

Thursday night's beautiful weather was followed by three more great days of weather, a blessing on the Peninsula. Friday consisted of 15 miles of backpacking, ending in collapse at Elk Lake. The first 12 miles can be walked in tennis shoes, as the dirt trail is very level as it follows the Hoh River. Despite the distance this first part of the trip is very enjoyable, since you pass through the Rain Forest with its incredible hemlocks, firs, and ferns, follow the Hoh which is transformed from a wide, moderately flowing river to a roaring torrent passing 100 feet below you through a narrow chasm, and pass through park-like, ever-changing trail side.

We decided to make Elk Lake our base camp so we went for the summit from there with day packs on Saturday morning. Two miles uphill work put us at the Glacier Meadows Ranger Station, sign-in point for Olympus climbers. After 16 miles we got our first view of the Snow Dome and Olympus's glaciers. The view of the massive Snow Dome with blue sky above, and green forest below, is well worth every mile.

Due to the lower half of the Blue Glacier being heavily crevassed, we followed its lateral moraine until we came to a good area from which to start our crossing. At this point the glacier was in good enough condition that we did not rope up or put on crampons until nearly reaching the far side at the base of the Snow Dome, where we encountered large crevasses and ice. Ice fall from above made us stay to the safe rock scramble for 100-200 feet up the Dome. The top of the Dome was reached with minimum difficulty using crampons and avoiding crevasses. It is an incredible expanse of semi-flat snow with the east, middle and west peaks stretching out before you at one end and the University of Washington weather station with overnight huts located at the opposite end.

A few hundred yards of level walking brought us to the base of the false summit which must be rounded via a snow climb of 300-400 vertical feet which brings you to a massive bergschrund, crossing of an ice/rock bridge (short cut) and traversing along the back side of the peak.

From the back (east) side, a short rock scramble brings you to the top of the false summit from where you view the snow and rock climb to the summit of the west peak (view shown on cover of the "Climbing Guide to the Olympics").

The entire trip so far had been made pretty much in solitude, but at this point we gazed out at a large group of climbers creating a huge backup for the final ascent. They turned out to be a young group of climbing students (mostly women) on their first climb. Since they had been out for two weeks and had been eating good old "freeze dried", we were almost accosted when we pulled out our chicken! Due to the late hour, they backed off from their summit ascent which enabled us to start ours. Still ahead of us were three climbers. We called out to them, asking if they were going to the top. They replied, "First we are going to sing a song", and promptly pulled out a guitar and sang. This trio turned out to be a ranger (guitar player) and two women friends. He was serenading them in an effort to give them courage to make the exposed, Class 4 pitch required to make the summit ridge. We made the snow climb and traverse of the summit block and joined this group in an effort to be of any help on the rock climb. Four of us made it to the top, one member of their party decided that she had had enough and would wait. A short, quite exposed ridge walk brought us to our goal.

This fivesome decided to stick together for the descent and since our ranger friend had a walkie-talkie, and we had a full moon, we decided to stay at the top for the sunset. This move made this great trip an even better one, since we were able to watch the moon come up over Mt. Rainier and had a prolonged and quite incredible sunset above the cloud layer in the valleys.

The bright moonlight was all we needed to down climb the Snow Dome, cross the crevassed Blue Glacier and hike down the moraine to the ranger's station, where dinner had been ordered via walkie-talkie! (Time was 11:30 p.m.)

We bivied at Glacier Meadows for the night and made the 17-mile trek back out on Sunday. Climbers were: Gary Martin and Dave Curran.

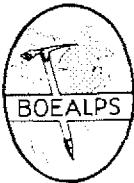
Times: (Taking our good 'ole time)

- Hoh entrance to Elk Lake (15 miles) 10 hours
- Elk Lake to Summit (7 miles) 9 hours
- Summit to Glacier Meadows (5 miles) 3.5 hours
- Glacier Meadows to Hoh (17 miles) 13 hours

"WELCOME TO WINTER" SALE

1. Nordic Ski Set (complete)
2. Ski Mountaineering Set (complete)
3. Down Pants
4. Insulated Super Gaiters (Size 12)
5. North Face Down Sleeping Bag
6. Rollei 35S,f2.8

Contact Glenn Brindeiro at 773-6415



ALPINE ECHO

BOEING EMPLOYEES ALPINE SOCIETY

NOVEMBER NEWSLETTER

PRESIDENT.....	Dave Curran.....	251-3748	ACTIVITIES.....	Jerry Baillie.....	655-8072.....	41-16
VICE PRESIDENT.....	Steve Mittendorf.....	237-6517	EQUIPMENT.....	Dave Larson.....	655-3536.....	43-11
TREASURER.....	Bob Mondrzyk.....	655-2928	MEMBERSHIP.....	Don Taylor.....	237-5750.....	69-92
SECRETARY.....	Martha Wycoff.....	828-2350	CONSERVATION.....	Faith Szafranski.....	575-7216.....	9C-02
PAST PRESIDENT.....	Rick Gibbs.....	655-8020	ECHO EDITOR.....	Judy Swapp.....	773-0235.....	8A-72
PROGRAMS.....	Jeff Bland.....	342-3842	LIBRARIAN.....	Jerry Sommerman.....		1E-57



NOVEMBER MEETING

THURSDAY, NOVEMBER 6, 1980

7:30PM

BSRL CAFETERIA (BUILDING 15-01)

PROGRAM

LADAKH-LADAKH - THE LAST SHANGRI-LA

A slide show of a 130 mile trek across the Great Himalaya Range from Srinagar to Leh, the capital city of Ladaka, will be presented by Dick Erwood. The trip was made in 1979.

BIOGRAPHY

Dick Erwood has been a member of BoeAlps since the club's inception (approximately seventeen years ago). He has been an active member of the Mountaineers for twenty years and has hiked and climbed in Nepal, the Mt. Kenya and Kilimanjaro regions of Africa, the Andes of Ecuador, and the Swiss Alps.

Below is a list of phone numbers to the area Ranger Stations. In a future issue I will map the areas they cover:

NORTH BEND.....	88B-1421
CLE ELUM.....	674-4411
SKYKOMISH	677-2414
RAINIER.....	569-2211
DARRINGTON.....	436-1155
OLYMPICS.....	452-9235
MT. BAKER.....	599-2714

THE ALPINE LAKES AREA

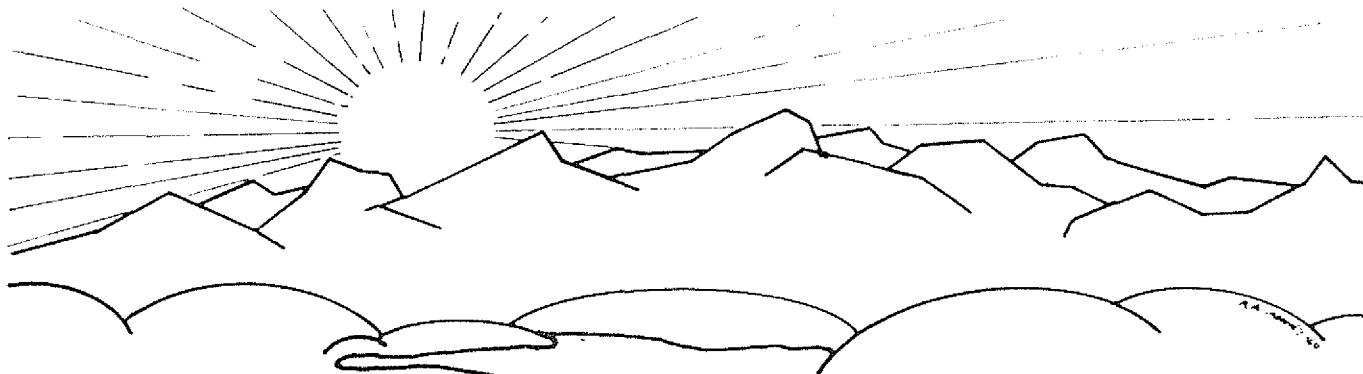
When Congress passed the Alpine Lakes Area Management Plan in 1976, the Alpine Lakes Wilderness was established, but the effort to obtain sensitive management for the region did not end. Congress directed the Forest Service to prepare a management plan for the entire Alpine Lakes Area including the wilderness. This task is in work and varied management alternatives are available to the public for review and comment. The brochure enclosed in this month's Echo attempts to summarize the management alternatives. The Wilderness cannot survive without the proper management of the perimeter zone and this plan focuses on the perimeter.

Much is at stake, such as the future of nearly 250,000 acres of unroaded wild public land, the management of 800 miles of trail, the potential construction of 400 miles of new roads, the maintenance of spectacular scenery, and the continued availability of primitive recreation opportunities.

What you can do: Write the Forest Service and tell them how you would like to see the area managed. If you have a favorite place, tell them about it. The deadline for comments is November 9, 1980. The Forest Service summary booklet provides a form for your responses. If you don't have a copy, just write on a normal sheet of paper.

Some of the most important areas on the Wilderness boundary recognized by conservationists as requiring sensitive management are listed below. You may wish to include these areas in your comments:

1. Middle Fork Snoqualmie and Pratt River drainages - this is the closest area in the management unit to the Seattle area and should be managed for dispersed recreation opportunities. There should be no roads or timber harvest in this area.
2. Closure of the East Fork of the Miller Road (N.W. side of Wilderness boundary) should be supported to prevent overuse of the Lake Dorothy area.
3. Sensitive management of at least the last 3 miles of the Deception Creek road (North Central side of Wilderness boundary) should be supported since this area lies at a higher elevation than the surrounding Wilderness boundary.
4. The Nason Ridge "Dispersed Recreation" area (N.E. side of Wilderness boundary) should run the full length of the ridge and motorized travel on the East end of the trail should be eliminated.
5. The Teanaway County Line trail (S.E. side of Wilderness boundary) should be maintained only at a hiking standard, no motor bikes on the trail.
6. The predominant use of motorized traffic, particularly 4x4's should be opposed in the Teanaway area and no motorized trail should end at the Wilderness boundary.
7. The road closure at the upper end of the Cle Elum River (Fish Lake) should be supported to reduce overuse of Hyas Lake.
8. The Forest Service proposed land ownership adjustment in Alternative "C" should be supported because the private lands included have primarily scenic and recreational values rather than high economic value and should therefore be under public ownership.



CALENDAR OF EVENTS....

THURSDAY, NOVEMBER 6 – Boealps meeting (The last Shangri-La) presented by Dick Erwood at 7:30PM.

SATURDAY, NOVEMBER 8-15 – Special Guided climbs of the Mexican volcanoes (Popocatepetl).

THURSDAY, NOVEMBER 13 – Letterhead Photo Contest Deadline

FRIDAY, NOVEMBER 28-30 – Annual Thanksgiving Beach Hike - more details at November meeting.

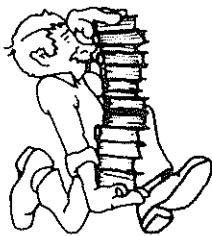
NOVEMBER 1980						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6 BOEALPS MEETING	7	8 MEXICO TRIP
9 MEXICO TRIP	10 MEXICO TRIP	11 MEXICO TRIP	12 MEXICO TRIP	13 MEXICO TRIP * PHOTO CONTEST DEADLINE	14 MEXICO TRIP	15 MEXICO TRIP
16	17	18	19	20	21	22
23	24 BEACH HIKE 30	25	26	27	28 ANNUAL THANKS- GIVING BEACH HIKE	29 ANNUAL THANKS- GIVING BEACH HIKE



TREASURY REPORT

Treasury Activity – September 15, 1980 to October 15, 1980

• Balance	• September 15th	
• Receipts	• Rope sale.....	\$ 66.00.....\$2,276.03
	• Mexico climb.....	385.00
	• Dues.....	30.00
	• Total receipts.....	481.00
• Disbursements	• September meeting film.....	99.95
	• Library.....	250.00
	• Mexico climb.....	385.00
	• Board meeting.....	26.00
	• October speaker.....	50.00
	• Annual board dinner.....	45.00
	• Returned check.....	66.00
	• Total disbursements.....	950.95
• Balance – October 15th.....		\$1,806.08



BOOK NEWS....

THE NEW BOEALPS LIBRARY

Check out of the materials will be through the Boeing mail. If there are any questions or suggestions or donations which you wish to make concerning the library, please contact Jerry Sommerman at home, 938-4896 or through the Boeing mail.

The book check out procedure will be as follows:

1. Send a note to Jerry Sommerman (via M/S 1E-57). Include on the note your name, Mail Stop, work phone and materials you want to check out.
2. The librarian will mail the material to you through the Boeing mail. The due date is three weeks from the date of mailing.
3. On or before the due date return the material to Jerry Sommerman (via M/S 1E-57).

Only club members are eligible for this service. The person checking out the material is responsible for returning it.

Below is a list of material now available. Additional purchases are being made and we are still asking you for donations. Please contribute.

ADVANCED ROCKCRAFT..... by Royal Robbins
ANNAPURNA A Classic by Maurice Herzog *donation
ASCENT OF RUMDOODLE by W. E. Bowman
BASIC ROCKCRAFT..... by Royal Robbins
CLIMBERS GUIDE TO COLORADO MOUNTAINS CLIMBERS

" " THE HIGH SIERRA
" " INTERIOR RANGES OF BRITISH COL NORTH
" " INTERIOR RANGES OF BRITISH COL. SOUTH
" " LAKE TAHOE REGION
" " LUMPY RIDGE AREA (ROCKY MOUNTAIN NATIONAL PARK)
" " ROCKY MOUNTAINS OF CANADA NORTH
" " ROCKY MOUNTAINS OF CANADA SOUTH
" " SHAWANGUNK ROCK CLIMBS
" " YOSEMITE VALLEY

CLIMBING MOUNT WHITNEY

THE EPICS OF EVEREST *donation

HAWAIIAN CAMPING

HIGHPOINTS OF THE STATES

HIKING THE TETON BACKCOUNTRY

SELECTED CLIMBS IN ROCKY MOUNTAIN NATIONAL PARK

SWARAMANDAL

YOSEMITE NATIONAL PARK (A NATURAL HISTORY TO YOSEMITE AND TRAILS)

1979 issues of: NEW SUBSCRIPTIONS OF OFF BELAY, SUMMIT Issues 72, 73, 74 of MOUNTAIN



CLIMB REPORTS....

MT. ELLINOR
October 5, 1980

The climb up Mt. Ellinor is short, but rewarding with spectacular views on a clear day. The peak is just south of Mt. Washington on the Olympic Peninsula. It is the highest (5,944') Southern most peak visible from Seattle. The approach is described in "Climbers Guide to the Olympic Mountains" published by the Mountaineers.

Saturday afternoon we drove to the end of logging road Spur No. 2419D. The drive took us three hours from Tukwila via Olympia. We intended to camp here and hike the next day. However, the only level place was the road so we decided to try sleeping in the car. . . . MISTAKE. There are campsites available along the trail at the meadow and between the first two gullies.

We awoke (painfully) to a beautiful day. The trail starts on the slope above the parking area and follows the ridge to a meadow. There aren't any views because of the trees. From here, the trail goes up two gullies that are easy Class 2 scrambles. At the top of the second gully the temptation is to follow a trail up a scree slope to the false summit on the right. The summit, however, is to the left, up a third gully (Class 1) and a scree slope. Our slow, fun climb took us 2½ hours. For those worried about time, the summit can probably be reached in under two hours.

The view from the summit was great. We could see all of the major Washington peaks including a large portion of the Olympics. Seattle and Tacoma were completely obscured under a purplish-yellow haze. The down-climb was hot and dry. We consumed mass quantities of liquid refreshment when we reached the car.

Party: Mike and Georgia Liebhaber

Notes: (1) The climb can be extended into a full days trip by traversing a ridge to Mt. Washington
(2) No water is available along the trail this time of year
(3) Have good brakes on your car. The logging road is steep and narrow. It is not for those who cringe at driving on mountain roads. There is always about a 1,000' drop on one side of the road for the last 3½ miles.



ENCHANTMENTS

October 4 thru 7, 1980

Six enthusiastic BoeAlpers met early Saturday morning at the Colchuck Lake trailhead, with visions of golden larches and blue skies dancing in our heads. However, as with all really worthwhile things, we knew there was a high price to be paid - namely the agony of hauling our packs up Aasgard Pass. Since most of us had suffered up the pass before, we took turns bragging about the sacrifices we had made in eliminating every possible ounce from our packs.

After a leisurely trip to Colchuck Lake, a quick lunch, and one last admiring look at the grandeur of Dragontail and Colchuck Peaks towering overhead, we started our assault on Aasgard. The "trail", quickly separated the in-shape from the not-so-in-shape, and the relief of the rest-step was rediscovered (as we wondered what else could have been left out of our packs). However, by 4:30 we were all on top and absorbed by the starkly barren, but beautiful upper Enchantments.

Rick was only staying for the weekend, so Sunday morning was started with a climb of Little Annapurna by Rick, Ruth, Marsha and Don. After admiring the views from Mt. Baker to Mt. Rainier and Mt. Adams we dropped back to camp where Rick packed for his trip out the long way - by way of Snow Lakes. Jim joined the group as we accompanied Rick down past the magical lakes of Talisman, Rune, Leprechaun and Viviane. At Lake Viviane, the trail dropped steeply to Snow Lakes so we parted company. Jim went his way to do some photography and the rest of us wandered back up among the lakes, enjoying the sun and feeling appreciative that we had caught the larches at their golden peak.

Monday was started with delicious bacon and blueberry pancakes. Properly prepared, Joe, Marsha, Ruth and Don set out to explore the Lost World Plateau, while Jim went his way to stock up on photographs for next winter's photo competition. After a leisurely day of exploring the warm and golden Lost World Plateau, we ended the day admiring the reflection of Prusik Peak in the waters of Gnome Tarn.

Tuesday morning came all too soon, as we reluctantly packed up to return to civilization. The trip out was uneventful, except for nursing the assorted blisters and aches accumulated over the weekend. The trip was concluded in Leavenworth with dinner and a final toast to good friends, wonderful weather, and the incomparable beauty of The Enchantments.

The Elves of The Enchantments were: Joe and Marsha Burruel, Ruth McLaughlin, Rick Gibbs, Jim Kissell and Don Taylor (leader).

POPOCATEPETL (POPO) AND ORIZABA

November 8 thru 15, 1980

Special guided climbs of the Mexican volcanoes Popocatepetl (17,882') and Orizaba (18,880'), the third and fifth highest peaks in North America, are being offered for club members only.

The climbs will be led by club member Phil Ershler. Phil should need no introduction to most club members. Besides being a club member, he is a past instructor for the basic climbing class (76, 77, and 78), and the assistant chief guide on Mt. Rainier with over 190 summit climbs (the world's record number of ascents).

These Mexican climbs are considered ideal learning ground for climbers who would like to get into high altitude mountaineering. The routes that will be taken are not technically difficult, but are very worthwhile ascents. The climbs can be compared to climbing Mt. Rainier from the 10,000 foot level up.

Time will be available for sightseeing in and around Mexico City during the eight days.

Cost of the trip will be \$385; this covers land cost while in Mexico. The cost is approximately \$150 less than other next-least-expensive guide service. Airfare is extra.

For further information, contact Roy Ratliff at 773-2380 (work) or Phil Ershler at 641-7264 (home).

INDEX TRAVERSE

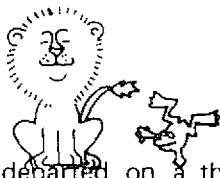
Mark Dale and I made the mistake of trying the Index traverse on the last weekend of September. Saturday the weather was good enough to suck us into a bivouc spot on the wrong side of the north peak. Fortunately we stopped a few hours before dark because the weather looked bad for Sunday. We figured we could climb back to the North Peak and descent from there if the weather turned bad the next day. If the weather had been good we could have made the main peak summit by Sunday evening. If we had gone all the way to the middle peak and gotten caught in the rain we probably would have had to sit for a couple of days.

When we awoke from our rain soaked bivouc Sunday morning we decided down was the way to go. I'm sure all of you have noticed that wet lichen covered rock is slick stuff, so we were forced to down climb and rappel all of the route we had scrambled the day before. The North Peak of Mount Index is a vertical bush-wack and when it's raining all those little leaves hold lots of water. WE GOT SOAKED! Writing about this brings back some of the better moments. Like that cold feeling when your on rappel and the rope is soaked. Your rappel device wrings most of the water out of the rope and into your crotch. What water doesn't end up in your crotch runs down your uphill rappel arm to your armpit across your chest and down the other arm.

We got down to the car about a half hour before dark. After some 20 rappels and lots of vertical bush-wacking. NICE TRIP!! I highly recommend it.

Party members: Mark Dale & Jerry Sommerman

NOW HEAR THIS.

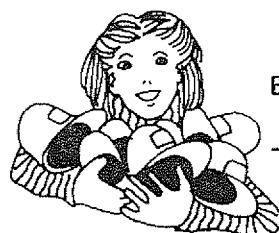


Four BoeAlp members have departed on a three week wildlife photo safari and climb of Kilimanjaro in Tanzania, Africa. Martha Wykoff will meet Glenn Brindeiro, Ted Kitzmiller and Art Wolfe at Kilimanjaro on completion of her bike trip through Europe.

Glenn
773-6415

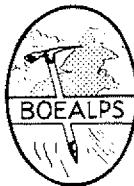
COVER PHOTO CONTEST EXTENDED

Due to the overwhelming response of photographs for the cover of this letter, I am extending the deadline for one week past the November 6th Boe-Alps meeting. If you do not want to mail your photos then please bring them to the meeting and give to Judy Swapp. (See October newsletter for entry details).



**BOEALPS CAPS
...FOR SALE**

During the last climbing class, one member had BoeAlps caps made up for the class members. The club has purchased the remaining caps and are now available to you. The cost of the caps are \$7.50 if interested please see Dave Curran.



ALPINE ECHO

BOEING EMPLOYEES ALPINE SOCIETY

DECEMBER NEWSLETTER

PRESIDENT.....	Dave Curran.....	251-3748
VICE PRESIDENT.....	Steve Mittendorf.....	237-6517
TREASURER.....	Bob Mondrzyk.....	773-9782
SECRETARY.....	Martha Wycoff.....	828-2350
PAST PRESIDENT.....	Rick Gibbs.....	655-8020
PROGRAMS.....	Jeff Bland.....	342-3842

ACTIVITIES.....	Jerry Baillie.....	655-8072.....41-16
EQUIPMENT.....	Dave Larson.....	655-3536.....43-11
MEMBERSHIP.....	Don Taylor.....	237-5750.....69-92
CONSERVATION....	Faith Szafranski.....	575-7216.....9C-02
ECHO EDITOR.....	Judy Swapp.....	773-0235.....8A-72
LIBRARIAN.....	Jerry Sommerman.....	1E-57



DECEMBER MEETING

THURSDAY, DECEMBER 4, 1980

7:30 PM

BSRL CAFETERIA (BUILDING 15-01)



PROGRAM

AL ERRINGTON

Al Errington will be our guest speaker at the next meeting. Al plans to discuss high and low artic mountaineering, based on four such expeditions in the Canadian Artic.

A slide presentation featuring his 1980 Ellsmere Island High Artic expedition will be shown.

MT. MCKINLEY CLIMB - MAY, 1981

Through having a club member who is also a professional mountain guide we are able to offer another special reduced price, guided climb of the West Buttress for club members only. The price is \$995.00 per person (about a \$400.00 discount). This cost is only slightly more than it would cost to go on your own, and you avoid all the preparation problems and mistakes that first-time expedition climbers usually make.

The climb will be led by club member Phil Ershler. Phil should need no introduction to most club members. Besides being a club member, he is a past instructor for the basic climbing class (1976, 77 &78) assistant chief guide on Mt. Rainier and plans on climbing Mt. Everest in 1982.

If interested, now is the time to start planning. Contact Phil Ershler at 641-7264 or Roy Ratliff (assistant) at 773-2380 for further information.



TREASURY REPORT:

Treasury Activity – October 15 to November 15, 1980:

BALANCE October 15, 1980

Checking	\$1,806.08
Savings	132.70
Petty Cash	—
TOTAL	\$1,938.78

RECEIPTS

Dues	18.00
Cap Sales	22.50
TOTAL	40.50

DISBURSEMENTS

Office Supplies	9.27
Caps	37.50
Seam Sealer	2.63
November Meeting Refreshments	28.00
November Speaker	50.00
TOTAL	127.40

BALANCE November 15, 1980

Checking	1,711.68
Savings	132.70
Petty Cash	7.50
TOTAL	1,851.88

CROSS-COUNTRY INSTRUCTION:

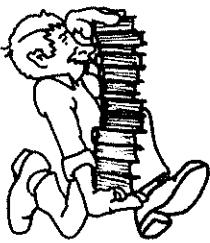
Free Cross Country ski lessons will be offered by BoeAlps member Faith Szafranski and Ruth DeCew. Both women will be taking their Cross Country Ski Instructor Certification exams at the end of December and are looking for "guinea pig" students. Both have been skiing for eight years and have racing and nordic downhill (including telemark) experience.

The lessons being offered are as follows:

Saturday December 13 - Beginners
Sunday December 14 - Intermediates

Classes are limited in size. Please sign-up no later than Thursday, December 4, by calling Faith at 575-7216 (work) or 632-4012 (home).

For Cross Country ski lesson options after Christmas vacation, refer to the next BoeAlps newsletter or call Faith.



BOOK NEWS....

BOEALPS LIBRARY

In addition to the book list published in the November Echo, I have picked up the following:

- Hiking the Yellowstone Backcountry
- Storm and Sorrow by Craig
- Challenge of the North Cascades by Beckey
- Mountains of the World
- A Year in Paradise by Schmoe
- Gervasutti's Climbs
- The Ascent of Denali
- Tales of a Western Mountaineer
- Across the Olympic Mountains, Press Exp. 1889
- K2 The Savage Mountain
- Sivalaya
- On the Heights (not received)

We now have 33 books plus Summit subscription for one year and Off-Belay subscription for one year. We also have issues of Mountain, the Living Wilderness and Sierra Club bulletin.

CROSS COUNTRY SKI CLASSES OFFERED:

Instruction in the basics of Cross Country Ski Touring will be offered on the following dates:

- Sunday December 7
- Sunday January 18
- Sunday February 8
- Sunday March 8

Classes will start with basic techniques for flat terrain travel, as individual students progress in their abilities more advanced skiing for rolling terrain will be covered.

The fee is \$12.50 per lesson or 3 lessons for \$28.50 (mid week lessons can also be arranged at \$8.50 per lesson). Maximum class size is 15 people with a minimum of 8 per class. Reservations must be made by the following dates:

- December 7th class - Deadline is December 4 (BoeAlps meeting)
- January 18
- February 8 } Deadline is 10 days prior to start
- March 8 }

Make checks payable to BoeAlps and mail to Dave Curran at Mailstop 6E-03.

The instructor for these sessions will be Lynn Hammond. Lynn has taught outdoor education at numerous Seattle area Colleges. She has worked as a back country ranger in Yosemite and Mt Rainier National Parks and has taught Cross Country skiing under Ned Gillette (U.S. Olympic Cross Country Ski Team member) for three years.

Contact Lynn at 323-1396 for more information. Lynn can obtain a discount on new ski packages for those people taking lessons.

CHECKING OUT EQUIPMENT:

1. Call equipment chairman to determine equipment availability and present holder.
2. Arrange to obtain equipment from present holder.
3. Show present holder your current membership card and provide him with your current work and home phone numbers. Remind him that it is his responsibility to provide this information to the equipment chairman and verify the exchange of hands.

When you use club equipment you are liable to its loss or damage — protect yourself:

- Verify current BoeAlps membership before passing club equipment.
- Giving the equipment chairman the members current home and work phone numbers of whom you have given the equipment to.
- Notify the equipment chairman of abnormal equipment conditions.

EQUIPMENT LIST:

TWO-MAN TENTS

- 1 — REI Crestline
- 1 — Holubar
- 2 — JanSport Wedges
- 1 — Winterlite

THREE-MAN TENTS

- 1 — JanSport Dome
- 1 — MSR

FOUR-MAN TENTS

- 1 — Lowe Gortex
- 1 — JanSport Dome
- 1 — Timberline
- 4 — McKinley Type
- 2 — Great Pyramid

SNOWSHOES

- 2 — Bear Paws
- 1 — Cross Country
- 6 — Sherpa
- 1 — Gene Prater

MISCELLANEOUS

- 4 — Pieps Detectors
- 4 — Ice Axes
- 2 — Altimeters
- 1 — MSR Stove
- 2 — First Aid Kits

TO BE PURCHASED

- 4 — Sherpa Snowshoes
- 2 — Gene Prater Snowshoes
- 1 — Omnipotent (2 man)

UNACCOUNTED FOR

- 1 — McKinley Tent
- 2 — Sherpa Snowshoes
- 1 — First Aid Kit



WILDERNESS PERMIT REQUIREMENTS—HOW TO OBTAIN A PERMIT

The Wilderness Permit System is in effect from June 15 to November 15, except for Glacier Peak, Pasayten, Wenaha-Tucannon, and Eagle Cap Wildernesses where it is in effect yearlong.

During the time it is in effect, permits are required for all visits to the Diamond Peak, Eagle Cap, Hells Canyon, Mountain Lakes, Mt Hood, Mt Jefferson, Mt. Washington, Strawberry Mountain, Pasayten and Three Sisters Wildernesses and for overnight trips only to the Glacier Peak, Goat Rocks and Mt. Adams Wildernesses.

Large groups can be destructive to wilderness. Limits on group size may be in effect for the area you will be visiting. Check with the officer who issues your permit if your party is large. In the Glacier Peak, Goat Rocks and Mt. Adams Wildernesses, the mandatory limit is 12 people and 15 head of pack-and-saddle-stock and in the Pasayten it is 12 people and 18 head of stock. Elsewhere, it is recommended that you plan your party to limit groups of people and/or stock animals to a combined maximum of 12. In the Mountain Lakes Wilderness, the combined maximum is 10 unless you obtain a special group permit.

Permits for trips along the Pacific Crest Trail in Washington will be issued only by the National Forests in Washington through which the trail passes. A permit for a trip through more than one wilderness along the Pacific Crest Trail in Washington should be obtained from the National Forest that manages the first wilderness to be entered in Washington. Permits along Pacific Crest Trail in Oregon are available at self-service stations located at each trailhead that leads into the wilderness and at Forest Service offices. Contact Mt. Rainier and Crater Lake National Parks individually.

No permits are required at any time for the Gearhart Mountain, Kalmiopsis and Wild Rogue Wilderness in Oregon, and for Alpine Lakes Wilderness in Washington.

Self Service: For Diamond Peak, Mountain Lakes, Mt. Hood, Mt. Jefferson, Mt. Washington, Strawberry Mountain, and Three Sisters Wildernesses in Oregon.

Permits are available at self-service stations located at trailheads that lead into the wilderness. Wilderness information is available at Forest Service offices in Crescent, Sisters, Bend, Klamath Falls, Ripplebrook, Hood River, Zigzag, Portland, Blue River, Detroit, McKenzie Bridge, Oakridge, Eugene, Prairie City and John Day, Oregon.

By Mail or In Person: For Eagle Cap, Hells Canyon, and Wenaha-Tucannon Wildernesses in Oregon and all Wildernesses in Washington, except Alpine Lakes.

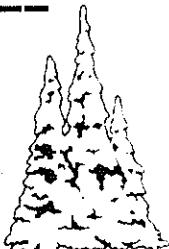
Complete an application form and mail it to the appropriate address for the Wilderness you wish to visit. Permits for a particular Wilderness are generally issued by the Forest that is responsible for that Wilderness. However, if your trip will extend through more than one Wilderness (except as noted previously for Pacific Crest Trail travel) or National Forest, you should prepare an application for each Wilderness you will visit and send all applications to the National Forest that manages the first Wilderness you will enter that requires a permit. Allow enough time for mail and processing.

Permits can be obtained for a particular Wilderness at the Forest Headquarters specified at Ranger Stations on the way to the Wilderness.

If your trip starts in the North Cascades National Park Complex, get a permit from the National Park Office Headquarters. This permit is valid in the Glacier Peak and Pasayten Wilderness. Contact Park Headquarters for permits in other National Parks in Oregon and Washington.

BOEALPS DUES ARE DUE:

Membership dues can be paid now until the end of January. Please make checks payable to BoeAlps and mail to the membership chairman Don Taylor at mailstop 69-92. Cost for membership is \$7.00.





CLIMB REPORTS....

MT. ERIE ROCK CLIMB PRACTICE - OCTOBER 18th

Our little get together commenced about 10:00 AM. Five of us showed up wearing blue shirts, looking like refugees. So we were called the "Blue Team" of course.

After the laughter died down, Steve Mittendorf gave a comprehensive run-down on the use of chocks, slings, prayers, and etc. After that we started climbing, taking turns rotating leads. Everyone seemed to get an opportunity to do as much climbing as they wanted, without standing around waiting. Later on in the afternoon we moved to the lower cliffs for some two pitch climbs, of which, were very successful.

All in all there was a good exchange of information and I believe everyone learned from the session. The climbers were: Alan Baal, Jerry Baillie, Dan Byrne, Dave Curran, Mark Dale, George Gosieski, Jim Haas, Dave Larson, Gary Martin, Steve Mittendorf, Bob Snow, and Dave Willis.

TIPSOO LAKE CROSS-COUNTRY SKIING - NOVEMBER 15th

Remembering Friday's weather I didn't think Saturday was going to have much to offer - but to our surprise it was beautiful and not a cloud in the sky. Meeting Dave Larson at VIP's in Auburn, Steve Mittendorf, Dave and I headed to Enumclaw (3 sardines in a Toyota truck) to meet Dave Curran and Bob Mondrzyk - we met and headed up to Rainier in the two cars. After reaching the Park (to our amazement) the road was pretty slippery and chains were required. We put chains on Steve's truck and Dave and Bob (freezingly) rode in the open bed to Tipsoo Lake. Everyone was pretty excited about the nice snow conditions and anxious to start out. A couple hundred feet up the trail we reached our first hazard - - - a narrow foot bridge over a very moving stream. Steve and Dave went first and made it look so simple - Bob was next and yeah, sorry about this Bob, but SPLASH!! He got a little wet but was unhurt (more disgusted than anything). After that there was no way I was going to ski over the bridge (being a new skier) so I tried to take off my skies to walk (no such luck) they wouldn't budge, I finally gave up and decided that I would probably be riding home in the back with my skies on. I sat down and slid over the bridge. Dave C. was smart and walked over it. Next we started up the trail (the first 1.5 mi. was uphill). Steve and Dave L. asked if anyone minded that they take-off, no one did so off they went (never say them again) Dave C. and Bob were ahead of me and off they went -- I never saw anyone for quite awhile.

Everyone on the trip had a good time: Bob was a little damp; I looked like a blizzard struck; Dave C. is unable to father any children; Dave L. and Steve — anyone seen those two around anywhere?

Judy Swapp

EQUIPMENT SWAP AND SLIDE SHOW:

Club members will have an opportunity to buy, sell or exchange their old equipment. Club equipment will also be sold. Equipment should be brought to the meeting ahead of time to allow members to look over before the swap begins. The equipment swap will be held at the beginning of the climbing course in March. More details will be outlined in the January newsletter.

THE ANNUAL MT. BAKER CROSS-COUNTRY SKI WEEKEND:

This winter's Cross Country Ski outing at Mt. Baker is scheduled for the last weekend in January. This outing is an excellent opportunity for beginner and experienced skiers alike. There is a wide variety of trails in the surrounding areas, from the more sedate logging roads, to extended tours on the ridge above Austin Pass (Table Mountain and Camp Kaiser). The skiing will be on 2 days, January 31 and February 1 with lessons offered both days by Lynn Hammond. The lessons are a good chance for beginners to get some skiing experience in a beautiful setting and have the benefit of professional instruction. The first day's lesson will cover the basics, including ski waxing and beginning techniques. The second day's lessons will be follow-on, covering more difficult techniques, and including a guided tour. Both flat track and down hill techniques will be practiced each day. Skiers may take advantage of either or both days of lessons. The lessons will last all day and cost \$12.50 per person for one day or \$20.00 per person for both days.

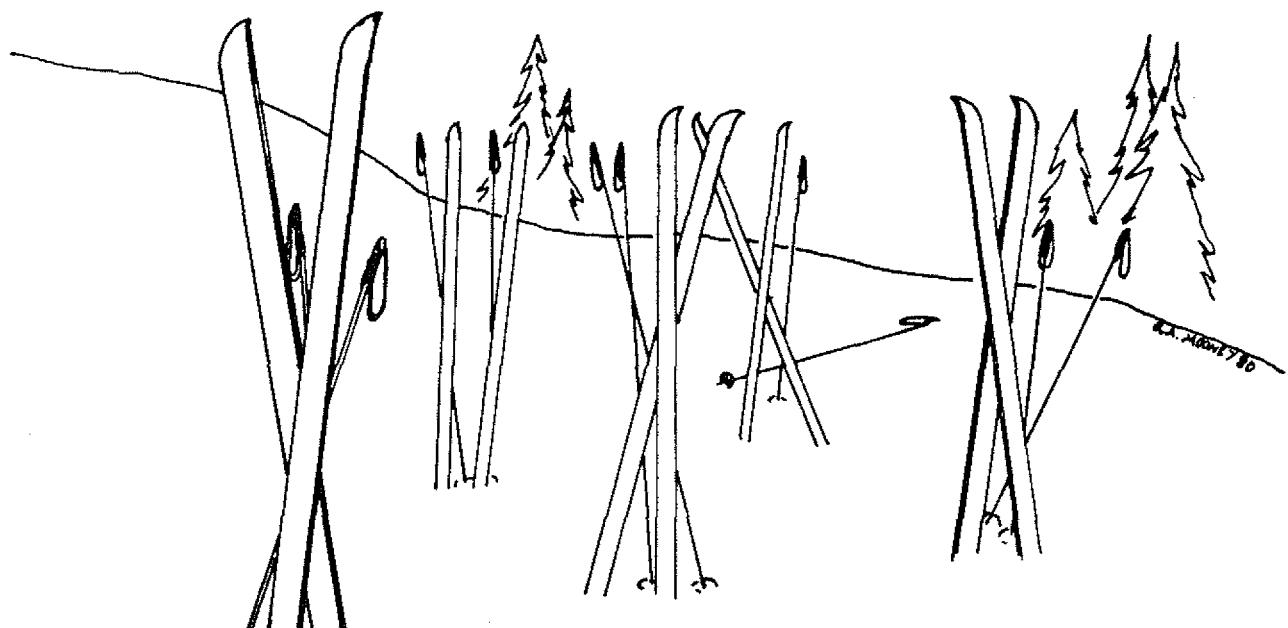
Tentative reservations for lodging have been made at the Sno Line Inn in Glacier, Wash. for Friday night (January 30th) and Saturday night (January 31st). The lodging costs about \$11.00 per person per night (exact cost depends on the number of people). Lodging space may be limited. Reservations and deposit of \$10.00 per person for lodging must be made by December 14th. Commitments for lessons must also be made by December 14th.

Please call Steve Mittendorf at 237-6517 (work) or 283-2023 (home) for reservations or information. Checks for deposits should be made payable to BoeAlps and sent to Steve at mailstop 73-16 by Dec. 14. Participants will be responsible for providing their own gear.

BOEALPS PHOTO COVER CONTEST

I'd like to thank each member who participated in this contest — there were a lot of beautiful photos and slides to choose from.

I have chosen three slides and am making prints from each one — the contrast of the slide will determine the winner which (hopefully) will be used on the January newsletter cover. The winner will also be acknowledged in January's newsletter.



CALENDAR OF EVENTS....

SUNDAY, DECEMBER 7 — Cross-Country Ski Lessons offered by Lynn Hammond

SATURDAY, DECEMBER 13 — Cross-Country Ski Lessons offered by Faith Szafranski for beginners

SUNDAY, DECEMBER 14 — Cross-Country Ski Lessons offered by Faith Szafranski for intermediates

DECEMBER						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1		3	4 Deadline for X-Country BoeAlps Meeting 7:30pm	5	6
7 X-Country Ski Lesson (Lynn Hammond)	8	9	10 Deadline for January Newsletter inputs	11	12	13 X-Country Lessons (Beginner) (Faith Szafranski)
14 Mt. Baker Reservations X-Country Lessons (Intermediate) (Faith Szafranski)	15	16	17	18	19	20
21	22	23	24 Boeing Christmas Vacation	25 Boeing Christmas Vacation	26 Boeing Christmas Vacation	27 Boeing Christmas Vacation
28 Boeing Christmas Vacation	29 Boeing Christmas Vacation	30 Boeing Christmas Vacation	31 Boeing Christmas Vacation			

BANQUET RESERVATION

• February 6, 1981

• Price \$9.00

● Bellevue Holiday Inn

- 7:00pm (cocktails)
- 7:30 (dinner)

● Audio and Visual presentation by Art Wolfe

Mail checks (payable to BoeAlps) to Bob Mondryk at mailstop 86-11

Name _____

Mail Stop _____ Organization _____ Phone (Work) _____ (Home) _____

Number of Persons _____

Total Enclosed _____

DO NOT FILL OUT BELOW

Date Received _____

Registration Number _____