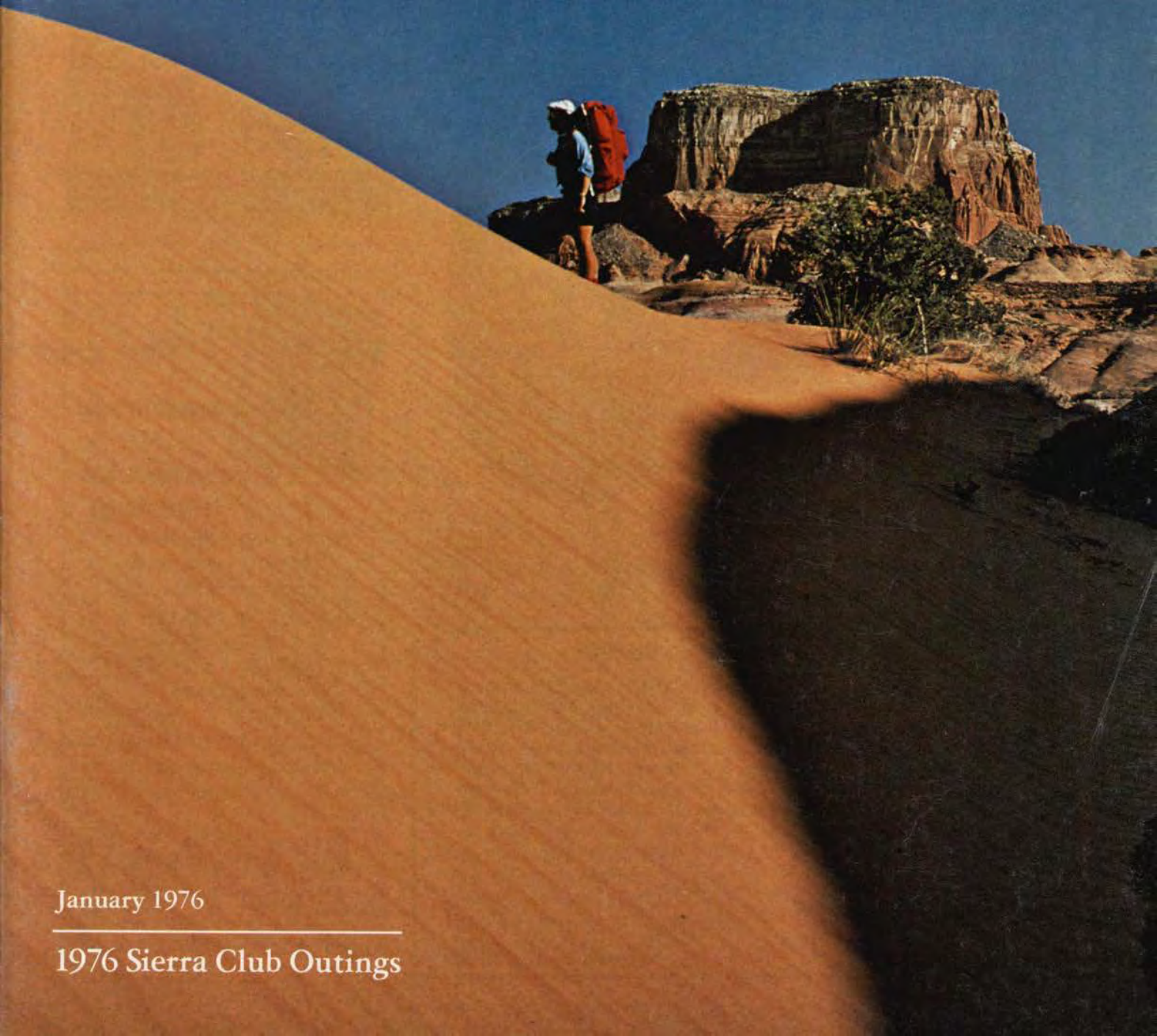
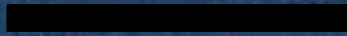


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January 1976

1976 Sierra Club Outings



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Sierra Club Bulletin

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Cover: Not all Sierra Club outings are in the mountains. 1976 trips explore deserts, marshes, swamps, rivers, seashores, the ocean itself. Some are grand adventures in distant countries; some are close to home. All are wilderness at its best. Photographer, Elliott Smith.

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Founded in 1892, the Sierra Club works in the United States and other countries to restore the quality of the natural environment and to maintain the integrity of ecosystems. Educating the public to understand and support these objectives is a basic part of the club's program. All are invited to participate in its activities, which include programs to . . . study, explore, and enjoy wildlands."

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THE 1976 OUTING PROGRAM

What Can You Expect of a Wilderness Outing?

For one thing, you can expect to have an experience whose sweet memory will cling through life, a memory of shared laughter and work, of smoky fires and upset schedules, of rainy days and campfire camaraderie. Tight bonds of memory will quickly form as your little group of strangers coalesces into a unit. The twin centripetal forces of isolation and common interest literally force a group into something stronger and better than the sum of its members. You will never forget your first Sierra Club trip.

Steering, guiding, advising your group will be a tiny staff. The leader and his assistant(s) will have planned the route, selected the menu and bought the food. Here's where your part begins. Each Sierra Club outing is a small, cooperative enterprise. The staff plans and directs, and you will be expected to pitch in and help. This really isn't too onerous. It usually means no more than that once or twice during a trip you will be asked to prepare dinner, breakfast and lunch, with the help of others. Almost everyone finds that our way of doing things results in an enjoyable and rewarding outing.

You should be ready to assume your share of the responsibilities, to offer your help without waiting to be asked, to volunteer time and skills, whether it



George M. Byrne

be toting water or storytelling. The camper who cheerfully and competently gathers wood, hauls water or helps with the cooking, packing up, pit-digging or fire-quenching will take pleasure in helping and find the work part of the fun.

On the other hand, if you expect to be waited on, if you expect someone to carry your pack and put up your tent, if you expect everything to go smoothly, with never a hitch, then it is likely you will be disappointed.

Each member has additional obligations. He should know his physical strengths and choose an outing on a par with them; he must not become a public charge. If he is uncomfortable at high altitude, he should choose a low altitude trip; if his feet are tender and hurt, he should stop and tape them; if he is subject to vertigo, he should keep off cliffs and talus piles; if he has no sense of direction, he should stay close to those who know the way. He should realize his capabilities and limitations and choose an appropriate outing.

Above all, he should be able to accept the unexpected cheerfully. Our trips do not run like clockwork. There is in addition, a further requirement, more subtle but even more important. It is the obligation of the individual to the group; he must be willing to seek a balance between self-reliance and excessive independence.

In charge of each trip is a leader. To him the club has given full authority

over every aspect of his trip. He decides who is qualified to go; how, when and where you go; whether you are qualified to climb that mountain or go on this side trip. He may even, in rare instances, dismiss someone from a trip. Most Sierra Club members are independent souls and dislike regimentation. The leader dislikes it too, and strives mightily to give free rein to each person's tastes and inclinations. However, the club is responsible for your safety and must make every effort to prevent your being lost or hurt. Carrying out this responsibility involves three simple, minimal rules-of-the-camp: 1) you accept the leader's decisions and instructions; 2) no one may wander off alone; 3) *with the leader's permission* you may do anything reasonable—you may try a different route, climb a peak, explore—as long as the leader knows exactly where you are going and as long as he thinks you are up to it.

Our outing program is not a commercial enterprise, and our leaders are not professional guides. They are competent and experienced, but they are volunteers, with jobs and families. They snatch hours from their evenings and weekends to scout and organize their trips, and they do the best they can. We are proud to say that their best is very good, if satisfied trip members are any criteria. However, things do go awry sometimes, and it is then the leader needs your cooperation the most, in adjusting to whatever can't be helped.



This Outing Issue has been prepared with the assistance of Bill Busby, Anne Irving, Jan Smart, Ruth Sumner and all subcommittee chairmen and trip leaders. The line drawings used with the trips are by Glen Rounds.



Carol Dienger

First prize winner, Outing Committee 1975 photo contest.

BASE CAMPS

No other form of outing allows greater freedom to enjoy the wilderness than a trip with a fixed campsite. Our participants can exercise their individual choice from a wide range of activities: they can hike, climb, fish or do whatever they wish. Optional organized activities range from overnight knapsacking with food and utensils provided, strenuous peak climbs and cross-country trips to simpler nature walks or fishing trips, offered according to the temper of the trip membership. Usually trips begin with dinner at the roadhead. The following day, up to 30 pounds of dunnage per person will be transported from the roadhead to camp while trip members walk in. Everyone in camp meets for breakfast, dinner and campfire. Members take turns performing camp chores including meal preparation with instruction and aid from the camp staff. These chores require little time, and make everyone an active camp participant—not a guest. The various trips differ a bit to accommodate members' varying experience and abilities. Many of our trip locations are picked for current conservation problems which will be the subject of discussion. All of our camps are located in their subject areas in such a manner as to have minimum impact and our leaders and staff aim toward exhibiting proper wilderness procedures.

BASE CAMPS: Especially suited for newcomers and family groups, the hike in is usually easier and the activities less strenuous than Alpine camps.

ALPINE CAMPS: Located in more remote spots and at higher elevations, these camps appeal to those wishing a

more rigorous program and deeper probing of the wilderness. Cross-country hiking, overnight knapsacking and mountain climbing are popular.

BACK COUNTRY CAMP: Our most remote encampment reached by a two-day hike, this is primarily an adult trip though teen-agers are welcome. It is more a do-it-yourself camp where members are encouraged to conduct their own ventures, though staff leadership is always available.

DESERT CAMPS: Spring, fall, winter—when normal alpine excursions are out of the question, are favorable times for desert camping. With timing gauged to suit the chosen location, we will use the central base camp format for desert trips. Members' automobiles will be used for in-trip transportation. Activities will be mainly day hikes to points of scenic, historic, or other interest.

MOUNTAINEERING CAMPS: For the weekend mountaineer to practice and perfect the finer arts of climbing. Particular attention will be paid to roped climbing on both rock and ice. Climbing will be with qualified leaders and in small groups so you can experience and enjoy the camaraderie of the mountaineer. Participants need not be superclimbers, but should have mountain experience and a fair degree of stamina and motivation. It is not necessary that all members climb, but to assure a proper balance between climbers and nonclimbers, leader approval may be required.

(60) Cinnamon Bay, St. John, U. S. Virgin Islands — June 12-26. Leader, Fred Sawyer, 567 High Rock St., Needham, MA 02192.

Relax on a picture postcard beach, swim or snorkel in

the clear warm waters of the Caribbean or explore the mountain trails and lush tropical forest. There will be opportunities to sail or motor to neighboring islands in the American and British Virgin Islands. Fully equipped tents are provided; trip members will purchase and prepare their own meals. The costs of air fare, boat rentals and food (may be 10% higher than mainland prices) are not included in the trip price.

(61) Talchako Lodge, Tweedsmuir Park, British Columbia—June 16-26. Leader, Gary Tepfer, 2011 Elk, Eugene, OR 97403.

Talchako Lodge, owned by the Sierra Club Foundation, in the Bella Coola Valley will serve as our base for exploring the valleys, rivers, mountains, and fjords of the Coast Range Mountains. We will day-hike from the lodge, explore the saltwater fjords by fishing boat, and go on an overnight backpack in the surrounding mountains. The trip will be leisurely in nature, with the emphasis on enjoying the scenery, wildflowers and wildlife of the area.

(62) Natural History of the Mono Basin, Sierra—June 19-26. Instructor, Will Neely. Leader, Ray Des Camp, 510 Tyndall St., Los Altos, CA 94022.

This is a trip to study the Mono Basin, an area of craters, lava flows, pumice flats and hot springs. Life zones which will be studied vary from sagebrush and pinon east of Mono Lake, through the alpine belt on the eastern slope of the Sierra. Our daily excursions will take us to: the quicksands of the lake, hot springs, miners' diggings, and glass mountains. Trip members will study under the guidance of a professional naturalist. Most hiking will be moderate. Side trips may include an historical museum in Bridgeport, the Mono-Inyo Craters, or the Mammoth Lakes region.

(63) McGee Creek, John Muir Wilderness, Inyo Forest, Sierra—July 4-11. Leader, Steve Devoto, 1338 Lexington Way, Livermore, CA 94550.

(65) McGee Creek, Sierra—July 11-18. Leader, Perry Harris, 2375 27th Ave., #1, San Francisco, CA 94116.

Our campsite will be near Round Lake at about 10,000 feet. The trail up McGee Creek gains about 2000 feet from the road's end in somewhat less than six miles. Nearby are Steelhead, Golden, and the McGee lakes, an impressive array of peaks including Mounts Crocker and Stanford, Red and White Mountain and Red Slate Mountain. There are streams, meadows, snowfields, and many other places of interest to make this a wonderful place for a family vacation.

(64) Midnight Lake Mountaineering Camp, Inyo Forest, Sierra—July 10-24. Leader, Sy Ossosky, 237 S. Mountain View Ave., Bishop, CA 93514.

Our camp will be at Midnight Lake, seven miles from the roadhead west of Bishop. The surrounding area abounds with climbing opportunities on rock, snow, and ice, and there will be instruction in these climbing techniques. Climbs of Mounts Darwin, Haeckel and Wallace will be readily available, and some may even attempt peaks to the west of the Sierra Crest. Non-climbing family members will be able to hike, fish and relax among the many beautiful nearby lakes. The leader will screen and approve applicants.

(66) Sierra Nevada Natural History, Sequoia Park, Sierra—July 11-23. Instructor, John Stanley. Leader, Bob Miller, 25 Sharon Court, Menlo Park, CA 94025.

Our trail climbs an easy 1300 feet in eight miles to our campsite on Horse Creek. Within three or four miles we will have easy access to most life zones of the Sierra, from the yellow pine belt where we will see specimens of



giant sequoia, to the alpine area around Ansel Lake and Vandever Mountain, and from the moisture-loving plants in Hockett and Summit meadows to the xerophytic plant communities of the drier, rocky slopes.

(67) Granite Park Alpine Camp, John Muir Wilderness, Sierra—July 18-30. Leader, Emily Benner, 155 Tamalpais Rd., Berkeley, CA 94708.

A good stiff trail from the Pine Creek roadhead climbs 3300 feet in six miles to our campsite above Honeymoon Lake at 10,800 feet. Granite Park is a great basin lying under the Sierra Crest between Pine Creek Pass and Bear Creek Spire. From this camp we have access by either day or overnight hikes to French Canyon and Royce Lakes to the south, Lake Italy over Italy Pass to the west, and to any of several peaks over 13,000 feet high—Royce and Merriam peaks, Mt. Julius Caesar, Bear Creek Spire. Fishing should be excellent.

(68) Seven Gables Back Country Camp, John Muir Wilderness, Sierra—July 24-August 7. Leader, Ray Des Camp, 510 Tyndall Street, Los Altos, CA 94022.

Seven Gables (13,073 ft.) dominates the upper Bear Creek basin where our camp will be located just above Lou Beverly Lake at an elevation of 10,000 feet. From our roadhead we'll climb through open pine forests, gaining 2400 feet before dropping down to Bear Creek and our overnight camp. The next day an easy six-mile walk will get us to camp. Activities will include day hikes and overnights to such places as Lake Italy, Orchid Lake, the East Fork of Bear Creek, climbing Seven Gables, fishing or doing what pleases one.

(69) Rush Creek Alpine Camp, Minarets Wilderness, Inyo Forest, Sierra—July 25-August 6. Leader, Dick May, 7 Neila Way, Mill Valley, CA 94941.

Camp, reached in seven miles on a trail which climbs 2300 feet from the roadhead at Silver Lake, will be at 9500 feet, between Waugh Lake and the John Muir trail. Few sites in the Sierra offer a greater spectrum of activities than Rush Creek Basin with its numerous streams and lakes and its peripheral mountains. Immediately south lie the snowfields and rocky slopes of Mt. Davis (12,311) while farther west tower Rodgers Peak (12,978) and Mt. Lyell, at 13,114 feet the highest mountain in Yosemite National Park.

(70) Fernandez Pass, Minarets Wilderness, Sierra—July 25-August 6. Leader, Ed Miller, 31691 Crystal Sands Dr., Laguna Niguel, CA 92677.

Our camp will be at about 9000 feet in the forested basin of West Granite Creek, reached on an easy seven-mile trail which climbs a total of 2200 feet. The surrounding area abounds in meadows and lakes for good fishing and hiking. Nearby, to the west, lies the Clark Range, eastern boundary of Yosemite National Park at this point. Here, scramblers may enjoy the views from Triple Divide Peak (11,607 ft.), Post Peak (11,009 ft.), or Merced Peak (11,726 ft.). For those interested, there will be overnight hikes as well as day hikes.

(71) Summit Lake, Yosemite Park—July 25-August 6. Leader, Jerry Fritzsche, 961 Country Lane, Walnut Creek, CA 94598.

This secret lake in Northern Yosemite is located near many of the most beautiful vistas in the Sierra. It takes a good hiker to achieve this eight-mile, 2600-foot climb, but the rewards are worth it. There are many hikes, both cross-country and on trail, to prominent overlooks and solitary peaks. We will emphasize the beauties of the natural world around us with interpretive walks. A geologist's paradise and, with a wet spring, abundant wild flowers.

(72) Necklace Lakes Alpine Camp, Bob Marshall Wilderness, Flathead Forest, Montana—July 29-August 10. Leader, Bob Kroger, 3568 Elmwood Ct., Riverside, CA 92506.

(75) Necklace Lakes Alpine Camp, Montana—August 11-23. Leader, John Swanson, 2760 Corabel Lane, Sacramento, CA 95821.

From our roadhead at Holland Lake (4000 ft.) we will hike approximately ten miles, past Upper Holland Lake, Sapphire Lake, and over a 7500-foot pass to our campsite on one of the Necklace Lakes (7000 ft.). From this base we will be able to take day hikes and backpack trips to an assortment of lakes, streams, glacial basins and mountain peaks along the Swan Range. Other activities can include fishing, swimming, photography, bird and animal watching, and just relaxing.

(73) Rangeley Lakes, Maine—August 1-7. Leader, Ted Reifenstein, P.O. Box 174, Lexington, MA 02173.

Our camp will be at a remote site near the shore of Mooselookmeguntic Lake, in the heart of the Rangeley Lakes. Since we are close to one of the more picturesque sections of the Appalachian Trail, it will be possible to do some fine hiking on several of the western Maine peaks. We plan to have a fleet of canoes. The site and lakes provide ample opportunity for swimming, fishing and outdoor living in addition to considerable historic interest. We are assured of a remote beautifully wooded campsite. Reasonably good health is required.

(74) Ruby Mountain Scenic Area, Humboldt Forest, Nevada—August 7-14. Leader, Joanne Barnes, 298 Iris Way, Palo Alto, CA 94303.

(76) Ruby Mountain, Nevada—August 14-21. Leader, Joanne Barnes, address above.

Roadhead for our hike into this seldom-visited desert range of alpine beauty will be the head of Lamoille Canyon, 30 miles south of Elko, Nevada, at an elevation of 8800 feet. We will be camping at about the same elevation on Kleckner Creek, east of Favre Lake, after a five mile hike which takes us over Liberty Pass (10,000 ft.). Weather similar to the Sierra should allow ample opportunity to hike, fish, climb, and explore this proposed wilderness area.

(77) Merriam Creek Back Country Camp, John Muir Wilderness, Sierra—August 14-28. Leader, Bob Cockrell, 65 Highgate, Kensington, CA 94707.

After ferrying across Florence Lake, a moderate two-day hike will bring us to our secluded campsite (10,300 ft.) just above the floor of French Canyon on Merriam Creek. Literally a hundred lakes are available on either day or overnight hikes which may include Granite Park across Pine Creek Pass to the north, or climbing Merriam Peak or Royce, both over 13,000 feet. Fishing in the nearby streams and lakes is good to excellent and the surrounding country offers opportunities for wilderness lovers of all interests.

(78) Summer Island-Hopping, Maine—August 15-21. Leader, Gerry Ireland, R.F.D. 2, Orrington, ME 04474.

The Penobscot Bay on the Maine coast is magnificently portrayed in Eliot Porter's *Summer Island*. This trip will be a seven-day exploration of five islands in the area, including primitive camping and some backpacking and hiking. Much of the trip will be on uninhabited islands. Transportation between islands will be by launch, and some landings will be made by dory. There will be ample opportunity for bird-watching, beach-combing and general natural history.

(79) Hooper Lake Alpine Camp, John Muir Wilderness, Sierra—August 15-27. Leader, John Freiermuth, 381-24th Ave., Santa Cruz, CA 95062.

From our roadhead at 7200 feet, the trail climbs about six miles to Hooper Lake where our campsite is at 10,600 feet. The lakes and streams reportedly afford excellent fishing. Day hikes and overnights will take us to the other lakes on Hooper, and across the ridge to the east to any of several beautiful lakes in the Bear Creek area. For scramblers, Mount Hooper (12,349) and unnamed peaks both north and south, give stupendous views of the surrounding Sierra.

(80) Canyonlands Wilderness Camps, Utah—September 13-23. Leader, Betty Osborn, 515 Shasta Way, Mill Valley, CA 94941.

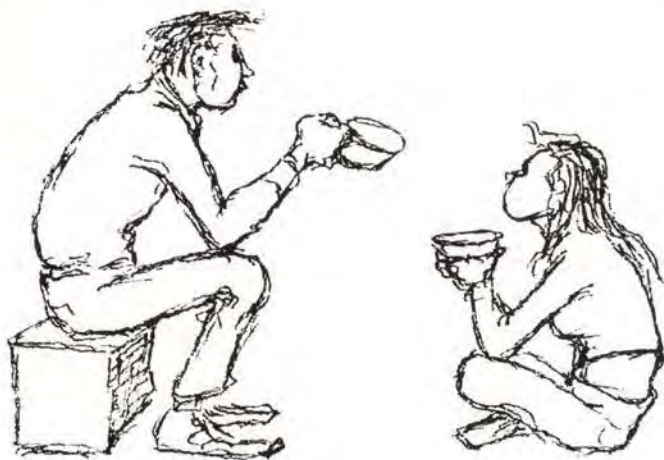
You will enjoy exploring with our geologist the side canyons and archaeological sites of this spectacular canyon country from our two base camp locations. One will be in the Maze, the other in the Land of Standing Rocks. While we hike from one camp to the other, the outfitter will take duffel and gear by horse and jeep. Only in recent years has it been possible for a trip like ours to enter the Maze. Inaccessibility and bad terrain have combined until now to hide its scenic beauty. Moderate hiking, a trip suitable for anyone in good condition. Mild clear weather is expected, but possible rain makes it necessary to provide for night shelter.

(81) Death Valley Christmas Camp, California—December 19-28. Leader, Dick May, 7 Neila Way, Mill Valley, CA 94941.

Our camp will be at Texas Springs, near Furnace Creek. From here we will explore, by auto and foot, as many of the fascinating parts of Death Valley as time allows. The side trips will include peaks, canyons, points of scenic or historic interest, or places exhibiting unusual examples of biologic or geologic nature. Our aim is a leisurely trip combining a pleasant vacation with the study of natural history. Though winter is usually a rather pleasant season in Death Valley with warm days and brisk cool nights, be prepared for possible heavy wind and rain.

(82) Organ Pipe Cactus National Monument Natural History Trip, Arizona—December 19-28. Instructor, Pierre C. Fischer. Coordinator, Ray Des Camp, 510 Tyndall St., Los Altos, CA 94022.

This interesting monument is located on the international boundary between Mexico and the United States, 150 miles west of Tucson, or about midway between Tucson and Yuma. It is comprised of over 500 square miles of Sonora Desert containing many species of plants and animals found in few other locations within our borders. Our camp will be near the Monument headquarters, and we will take daily trips by car and by foot to interesting points in the surrounding desert. These activities will be led by a qualified professional naturalist-botanist.



FAMILY TRIPS

Family trips make up a wide range of outings, from the easier Wilderness Threshold camps for parents with young children, to knapsack trips for families composed of veteran mountain-goers to canoe trips designed especially for families with teen-agers. Most trips are scaled to fit family needs; hiking days are short, climbs are not too steep and there are special rates. All get families into

a wilderness they might otherwise not visit, with a minimum of cost and planning.

Family trips provide an opportunity for families to learn to get along in the wilderness in the company of leader families qualified and willing to share their knowledge. Mastering the intricacies of cooking, clothing, equipment and safety readies families for further participation in more strenuous Sierra Club outings or independently organized mountain or river trips. Along with this goes the pleasure of an all-family trip; ideas are shared, everyone has similar problems and children have both the fun of exuberant outdoor living and a set of similar-age confederates.

Menus are designed to appeal to both adults and children. Children get along fine on mountain food; a few days at high altitude develops an appetite in any picky eater. Exertion is generally mild but short hikes near home or other activities such as bicycling or jogging prepare the city-dweller for unaccustomed exercise in high mountains. If at all possible, families should spend a couple of days before the trip at high altitude for acclimatization. A little pre-conditioning will make everyone (especially parents) feel better throughout the trip. If your family has never camped away from your car before, your first trip might be a one-week Wilderness Threshold camp.

All family members should be competent swimmers to qualify for canoe trips; the Red Cross Course in basic canoeing will also be helpful.

Philip Hyde



Wilderness Threshold

The Wilderness Threshold Program is designed to educate entire families, with little or no wilderness experience, in the techniques of back-country camping. In addition to learning the basic skills (camp selection, cooking with lightweight foods, proper use of equipment) each trip will try to increase your knowledge and awareness of the ecological system of the area and stress minimum impact upon it. Trips actively render service by cleaning up scarred and littered areas. It is hoped that your Threshold experience will make your family more aware, more knowledgeable, and more responsible in your use of the wilderness, and perhaps more active in the conservation cause.

Threshold camps are usually located far enough from the road to give a taste of real wilderness, yet close enough so even young children can hike in comfortably on their own. Two to four-year-olds may need help hiking into camp but have a marvelous time once there. In the West, pack stock is usually used to transport food, dunnage, and equipment from roadhead to camp, while in the East everything is often carried in by backpack. The area surrounding each campsite offers opportunities for varied activities: nature study, day hikes, fishing, possibly swimming, peak climbing and rock scrambling. Each participant family (adults and teen-agers) will take its turn at commissary duties and helping with other camp chores. The group meets for breakfast and dinner, with lunch being packed at breakfast. Most activities are informal and unstructured which leaves free time to explore the surrounding area. Evenings center around the campfire. Those with musical interests are urged to bring their instruments and play. Instruments do not count in your dunnage weight.

Before you choose a trip, read each description carefully; there are camps for families with teen-agers and others with varying age limits, some are more remote and harder to reach, and others require knapsacking to the campsite. If you have any questions regarding the difficulty or age format of the trip please contact the trip leaders before submitting your application.

Trip participants should consult both the Wilderness Threshold supplement and the trip leaders for advice on equipment and clothing for the specific trip and the specific area where they will camp. The supplement will be sent to each family upon receipt of your application.

Families will be screened and selected by the leader family, whose decision is final. While no special training or skills are necessary, general good health is required.

In completing your application remember:

1. EACH FAMILY MAY APPLY FOR ONLY ONE WILDERNESS THRESHOLD TRIP.
2. ONLY parents and their own children can be accepted.
3. Because Wilderness Threshold trips are cooperative ventures, the camp chores, child care, etc. are geared to two parents accompanying their children. However, most trips accept at least one single parent family. (An alternative to consider is a Base Camp, especially those with a family rate.)

(100) Gila Wilderness, Gila Forest, New Mexico—June 27-July 2. Leaders, Marty and Bill Poston, 6551 North Camino Abbey, Tucson, AZ 85718.

(101) Gila Wilderness, Gila Forest, New Mexico—July 3-9. Leaders, Ann and Jerry Kalman, 6240 E. Charter Oak Rd., Scottsdale, AZ 85254.

Because of exceptional interest, there are two family outings into the Gila Wilderness this year. We will trek



Judy Freedman

6-8 miles to base camp (7500') with pack animals carrying the gear and maybe the tots part of the way. From the camp in unmolested pine forest by a cool stream, the family can rediscover each other, hiking, fishing, nature, campcraft, and whatever interests them. Both trips welcome children up to 12 years, even infants who can ride on their parents.

(102) Shadow Lake, Eldorado Forest, Sierra—July 24-31. Leaders, Linda Dillon and Bob Odland, 2339 Blake St., Berkeley, CA 94704.

Our camp will be at Shadow Lake (7250 feet) on the western edge of Desolation Valley Wilderness Area. The hike in will be an easy six miles with little elevation gain. This remote, little-used lake offers great fishing and swimming. There will be many possibilities for exploration of the peaks and lakes in the northwestern section of Desolation Valley. This trip is especially for beginning families of all sizes and ages.

(103) Sawtooth Mountains, Sawtooth Forest, Idaho—July 28-August 4. Leaders, Julianne and Bob Jones, 4410 Meadowbrook Dr., Richmond, CA 94803.

(105) Sawtooth Mountains, Sawtooth Forest, Idaho—August 4-11. Leaders, Sally and Sandy Small, 39 Via Floreado, Orinda, CA 94563.

We are returning to the Sawtooth, the jagged range which rises beside the headwaters of the Salmon River, 50 miles north of Sun Valley. We plan to fish (because anybody can catch fish in the Sawtooth), scout for bighorn sheep, make snowcones in the snowbanks, do some



Joan Byrne

Rosie Irmen



beginning rock climbing, slide down waterfalls, look for polywogs, glory in the wildflowers and not see people for seven days. Our hike in will be moderate; we will camp at about 9000 feet.

(104) Three Sisters Wilderness, Oregon—August 4-11. Leaders, Nancy and Jim McDonald, 341 Avila St., San Francisco, CA 94123.

(110) Three Sisters Wilderness, Oregon—August 11-18. Leaders, Marci and Bud Thomas, 992 Santa Barbara Rd., Berkeley, CA 94707.

Our camp will be near Golden Lake, on the less heavily used Eastern side of the Cascade Crest, where we should enjoy a week of quiet and solitude in beautiful surroundings. The hike will be an easy six miles, with little elevation gain, from roadhead near Bend. The McDonald children are under 12, while the Thomas' 12-year-old would like some similar aged companions.

(106) Beck Lakes, Inyo Forest, Sierra—August 4-11. Leaders, Linda and Ed Best, 146 Via Copla, Alamo, CA 94507.

(111) Beck Lakes, Inyo Forest, Sierra—August 14-21. Leaders, Bliss and Allen Ream, 288 Miramontes Rd., Woodside, CA 94062.

The hike in to our campsite at 9800 feet is about six miles, with a 2000-foot elevation gain. The Beck Lakes lie in an area dotted with small lakes and peaks on the southeastern slope of the Minarets. There are many opportuni-

ties for day hikes suitable for the entire family. Snow cones, a glacier, tadpole hunting, and fishing are also available. The first trip is for families with children 12 and under; the second welcomes children of all ages.

(107) Virginia Canyon, Yosemite Park, Sierra—August 7-14. Leaders, Mimi and Don Curtin, 6395 Kimi Ln., La Mesa, CA 92041.

(112) Virginia Canyon, Yosemite Park, Sierra—August 14-21. Leaders, Bette and Don Goodrich, 1935 Sandalwood Dr., El Centro, CA 92243.

Our roadhead will be the Virginia Lakes campground (9700 feet) on the rugged eastern slope of the Sierra. The hike in is about 7 miles and quite vigorous (over a pass of 11,300), but it is well worth it. We will camp on Return Creek at 9500 feet in upper Virginia Canyon. The area features several peaks to climb and lakes for fishing. Repeat families are welcome and we encourage families with older children, since both leader families have teen-agers.

(113) Dorothy Lake, Inyo Forest, Sierra—August 14-21. Leaders, Kay and Ben Andersen, 1127 Sunnyhills Rd., Oakland, CA 94610.

(114) Dorothy Lake, Inyo Forest, Sierra—August 21-28. Leaders, Ann and Doug Christensen, 520 Woodland Rd., Kentfield, CA 94904.

Our campsite at 10,400 feet lies at the east fork of Rock Creek, an easy four-mile hike from our roadhead. This less traveled part of the John Muir Wilderness is east of the Sierra Crest, in the lee of 13,748 Mt. Morgan, which along with Round Peak offers peak climbing. Great fishing is reported in the six nearby lakes. Much of the geology and flora are unique to the eastern Sierra. Families with children of all ages are welcome.

Family Burro Trip

A Family Burro Trip enables families to travel back-country trails into remote mountain regions with the help of sturdy, lovable, and independent pack-carrying burros. Previous experience is not necessary, but everyone is expected to share in the work of camp and trail, and will quickly learn from the leader family the art of saddling, packing, leading, and caring for their animals.

Moving days average five to ten miles, and although the burros carry all the food and camp gear, hiking and burro caring at high altitudes are much more strenuous than most city activities so some preconditioning is essential. We also require that both parents come, for one parent alone hasn't the time or energy for both burros and children. Children must be at least 4½ years old and capable of walking the entire trip without riding on either father or burro.

Equipment is limited to a single 20-pound duffel bag for each member of the family. The leader family will help you select your gear and answer your questions.

(116) Humphreys Basin, John Muir Wilderness, Sierra—August 3-11. Leaders, Ellie and Jim Gayner, 2960 Holyrood Dr., Oakland, CA 94611.

Just north of Kings Canyon Park, massive Mt. Humphreys dominates its broad lake-dotted granite basin. From North Lake we will cross into this basin over Piute Pass to enjoy whatever family togetherness we may wish to participate in, from peak climbing to fishing for golden trout in the many lakes and Piute and French Canyon creeks. Three or four layover days make this a very moderately paced moving trip, but the old folks must be prepared to hike at altitudes above 9300 feet.

Judy Freedman





Joan Challinor

Family Canoe Trips

The Family Canoe Trips are designed for families with at least one teen-ager. They introduce families to the thrill of running easy rivers, exploring the hillsides and swimming in the deep pools. Some instruction in canoeing and water safety will be provided by the leader. Everyone shares in meal preparation under the supervision of the commissary chief. On most trips canoes and paddles are provided. Partial families and an occasional teen-age friend are welcome. Final approval of applicants will be determined by the leader.

(117) Main Eel River Teen-Age Trip, Northern California—June 30-July 6. Leaders, Barbara and Bill Bair, 1231 E. Loma Alta Dr., Altadena, CA 91001.

We begin our trip down the turquoise-colored Eel at Alderpoint. The river winds through oak-studded hillsides, past streams begging to be explored, and shares a narrow canyon with a railroad track giving the paddlers a chance to wave at the twice-daily lumber trains. The canoeing is fairly easy with a few turns, logs and riffles for some interest. It's a daily temptation to sample each sandy beach and swimming hole. Other activities are blackberry picking and a hike to the Indian ceremonial rock. Minimum age 6 years. Canoes provided.

(118) Rogue River Teen-Age Trip, Oregon—July 24-30. Leader, Stan Young, 375 Pinewood Dr., San Rafael, CA 94903.

From Gold Beach on the coast, a jet-boat will carry us, our canoes and dunnage 35 miles upriver to Agness. We will have three layover days and on canoeing days there should be plenty of time for exploring, swimming or relaxing. There are easy rapids and flat sections and possible fishing for steelhead and salmon. Prior experience is not necessary at the time of sign-up but some canoeing skills should be developed by trip time. Minimum age 9 years. Canoes provided.

(119) Klamath River Teen-Age Trip, Northern California—August 2-8. Leaders, Janet and Dan Clinkenbeard, 2010 Belford Dr., Walnut Creek, CA 94598.

(120) Klamath River Teen-Age Trip, Northern California—August 17-23. Leader, Louisa Arndt, 810 Idleberry Rd., San Rafael, CA 94903.

We will board a jet-boat for a guided tour upriver about 32 miles to our first campsite. After two days of learning and reviewing canoeing skills we will start back down the river. En route we will see Indians catching fish in nets, bear prints, canoe cedars, and hear the cry of the far-off mountain lion. Swimming, fishing and hiking will be daily activities. The weather should be warm and sunny upriver but a bit cooler near the ocean fogs. Minimum age 8. Canoes are provided.

Family Knapsack Trip

Family knapsacking calls for teamwork and is not something every family will be happy in doing. If you and your family have tried knapsacking and like it, and want to learn more from experienced hands, here is your opportunity.

Every member packs his own load which includes part of the commissary food and equipment; even the smallest children are expected to help a little. Ages of the youngest will vary upward from a minimum of six or seven depending on the age composition of the older children in the family because a certain "family carrying power" is needed. All youngsters must be able to walk the distance and carry some part of the family's personal and community load.

(122) Alaska Basin Teen-Age Trip, Teton Range, Wyoming—August 23-September 4. Leaders, Carol and Howard Dienger, 3145 Bandera Dr., Palo Alto, CA 94304.

As we explore the passes, basins and ridges of the southern Teton Range we will have close-up and unusual views of most of the famous peaks of the Grand Tetons. Most camps will be above 9000 feet and some travel will be cross country. We average five miles a day with three (maybe four) layovers. The trip is for families with knapsacking experience and with at least one teen-ager. Minimum age is eight.

Carol Dienger





Ernest Thorn

KNAPSACK TRIPS

The knapsack trips, call them backpack trips if you like, are the largest single segment of the outing program. This year there are 70 trips scheduled throughout the United States and in Canada and Mexico.

Knapsacking has a popular appeal which seems to come from that little extra measure of discovery and communion with nature which you gain when you carry it all with you. You go equipped to wander freely and choose your own campsites. Understandably, you feel you have earned your satisfaction, and the experience is also rewarding physically. High among reasons to go knapsacking is that knapsacking is the least expensive way into the wilderness.

Hiking with pack is a strenuous activity wherever you go. It asks preparation and an attitude on your part that the trip is reward for the effort, in comradeship with friends, in scenery and self sufficiency in the out of doors.

The outings vary in length from seven to sixteen days or more, and vary in difficulty. In each of the short write-ups which follow, the leaders give an indication of the degree of strenuousness with terms such as *leisurely* or *leisurely*, *moderate*, *moderately-strenuous* and *strenuous*. These are only indicators, but they are based on elements in the trips which the planners have used success-

fully for a lot of years. *Leisurely* would apply to a trip whose daily mileages are relatively easy, with up to 25-35 miles in a week of four or five actual hiking days, the remainder being layover days. *Moderate* trips would be longer, perhaps 35-55 miles in a week. They'll include tougher climbs and more off-trail route finding. So-called *strenuous* trips may make as many as 50-70 miles per week, the difficulty helped along by high elevations, seasonal conditions or greater extremes in the ups and downs. The terrain has a lot to do with how rigorous the trip is. Plateau ranges, for example, require stiff climbing in and out only; others may present a daily repetition of ridges and intervening valleys.

To help you choose the right trip, ask the Outing Office for the leader's supplement, and read the details. You shouldn't pick your trip just because it fits your vacation period or visits an area you've been anxious to see. Note that *moderate* trips and even *leisurely* ones may have strenuous hours. Ratings attempt to speak for the trip pace overall. Moreover, not all obstacles can be foreseen, and not all trips will be scouted in entirety. Knapsack trips, the committee feels, should be flexible and open to surprises. Uncertainty is part of the fun.

All trips require the leader to approve each applicant



before final acceptance. He or she will ask you to write in response to questions in the supplement to ascertain your knapsacking experience and physical condition. Unless specified otherwise, minimum age for the trips, excluding the Juniors Knapsack Trips, is sixteen.

Club knapsack trips are run co-operatively. Everyone pitches in, not only with cooking, but lending a hand setting up camp, hauling water, scrubbing pots and keeping impact down. Leaders demonstrate techniques of travel which go farthest to protect the wilderness from abuse. The trips are intended as training outings in impact awareness and for treading light. The leaders are as concerned how they camp as they are for the welfare of participants.

Each member must provide his or her own frame backpack, sleeping bag, shelter and personal incidentals. This gear, including the backpack, should be limited to no more than 20 pounds, occasionally less as prescribed by the leader. The food, paid for with trip funds, is supplied and may add as much as 20 additional pounds to your pack load. Frequently, food caches are arranged to lighten the loads, something to look for when considering any of the outings.



(152) Carson to Sonora Passes, Eldorado/Stanislaus Forests, Sierra—June 5-12. Leader, Matt Hahne, 1415 Oakland Blvd., Walnut Creek, CA 94596.

Roadheads are on the Carson and Sonora Pass roads, east of Sacramento. Route will be established Memorial Day. Given an average winter, the trip will have moves of less than 10 miles with one altitude change of 3600 feet. There will be a cache. Trees vary from black oak to albi-caulis; mountains from granitic to volcanic. Water sports include fishing and stream wading.

(153) Smugglers Notch Leisure, Vermont—June 6-13. Leader, Duncan I. Bailey, 155 Scotland Rd., Norwich, CT 06360.

June is a perfect month to explore this New England back country having many geological and natural wonders in store for the enthusiastic woods-dweller. Our itinerary will emphasize good woodland ecology, wild-flower viewing and a moderate pace at which to take it all in. Novice experience in backpacking will be a great help. Adult accompaniment of children under 16 is requested.

(154) La Garita Wilderness—Wheeler Geological Area, Rio Grande Forest, Colorado—June 21-26. Leader, Oz Hawksley, Rt. 1, Box 4, Warrensburg, MO 64093.

Moderately strenuous trip at 11,000 to 13,000 feet. Given Monument status by Teddy Roosevelt, and later declassified due to lack of use, the Wheeler Area is like a miniature Bryce or Zion. Half of the second day will be spent there for exploration and photography of the spectacular formations. Another layover day, at a lake on the north side of the Continental Divide, will make a climb of La Garita possible.

(155) Auyuituq National Park, Baffin Island, Canada—June 21-July 9. Leader, Pete Harper, Apt. 505, 276 St. George St., Toronto, Ontario, M5R 2P6, Canada.

Crossing the Arctic Circle on foot and hiking between unclimbed cliffs crowned by glaciers are only two of the attractions of our third trip to the South Pangnirtung Fjord area of Baffin Island. We'll hike 60 miles, some of them rugged, over 13 days. Four layover days will be used to explore the surrounding mountains and glaciers, but will require no technical climbing. Temperatures between 40 and 60, wind and rain are to be expected; but the spectacular views compensate. Trip fee includes round-trip air fare from roadhead at Montreal. Minimum age is 18.

(156) Cruces Basin Leisure, Carson Forest, New Mexico—June 24-30. Leader, John Colburn, 1501 Lomaland Dr., #242, El Paso, TX 79935.

A ride on the narrow gauge Toltec and Cumbres Pass Scenic Railroad will take us from Chama, New Mexico to the trailhead for a leisurely trip through the high (10,000-foot) rolling grasslands of northern New Mexico. Short hiking days and two layovers will give ample time to enjoy the basin. We will hike into the Toltec Gorge for fine trout fishing in seldom-fished waters. Elk, deer, beaver and other wildlife as well as wildflowers will delight the eye and tempt the photographer.

(157) South Sierra Scramble, Sierra—June 26-July 6. Leader, Bill Colvig, 7163 Viewpoint Rd., Aptos, CA 95003.

What better place to get away from it all than the great, lovely, sunny, unpeopled South Sierra region? There'll be some rough cross-country travel and some trail traipsing on our route offering tremendous variety. We'll dip far down into huge Kern Canyon; we'll ascend very high over frozen lakes and airy ridges. Our trip be-

gins at Lone Pine with an exciting little flight in a small airplane (cost included in trip fee). For sturdy, experienced backpackers.

(158) Kern Country Traverse (West), Sierra—June 27-July 9. Leader, Mary Coffeen, 851 Amador, Claremont, CA 91711.

(159) Kern Country Traverse (East), Sierra—June 27-July 9. Leader, Charles Engberg, 6906 Birchton Ave., Canoga Park, CA 91307.

Following the historic Hockett Trail across the Sierra between Mineral King and Cottonwood Pass, we will visit glaciated lake basins. Four layover days; seven-mile moving days with stops to observe flowers and their pollinators makes this a leisurely trip, exploring dynamic eco-systems with a naturalist. Two independent groups traveling in opposite directions and supported by a mid-point food cache will start from Bakersfield.

(160) Observation Peak, Kings Canyon Park, Sierra—July 1-9. Leader, Bud Siemens, 1834 Vervais Ave., Vallejo, CA 94590.

The Palisades region provides the knapsacker with terrain that is varied and challenging. Interesting passes and cross-country routes will lead us to places with names like Pot Luck Pass, Dumbell Lakes, and Glacier Creek. Snow fields, spring flowers and full streams are an attraction for the early visitor to the Sierra. The trip will be a loop type with an eastern Sierra roadhead.

(161) Bighorn Lake Leisure, Mt. Zirkel Wilderness, Colorado—July 8-15. Leader, Bob Berges, 974 Post St., Alameda, CA 94501.

This leisure knapsack trip in the southeast section of the North Park Range will give participants a chance to see Colorado wildflowers at their best. Back-country camps will be made at three timberline lakes. Moving days will include some cross-country travel, but this will be above timberline in grassy areas. Approach is from Walden on the east and a circle trip is planned.

(162) Cloud Canyon Geology, Kings Canyon Park, Sierra—July 9-19. Instructor, Marlin Dickey. Leader, Sandy Knapp, 870 Devonshire Ave., San Leandro, CA 94579.

Investigate the geology and glacial history of the northern Great Western Divide on this shuttle-assisted 60-mile loop past Roaring River to Mt. Brewer and through upper Cloud Canyon. There will be superb views, flower strewn meadows, snowbound slopes and glacier scooped canyons with sculptured forms. This moderate trip has two layover days and a midtrip cache, but has an altitude gain of 11,000 feet, three 12,000-foot passes and 26 miles of high off-trail packing—a geologic study trip for experienced knapsackers.

(163) Seven Gables Lake, Sierra—July 10-18. Leaders, Gary and Leslie Young, 45 Erma Lane, Davis, CA 95616.

This trip is southeast of Edison Lake in the John Muir Wilderness and includes several large and small lake basins. Most of it will be above timberline and will be cross-country travel. It is a strenuous early trip into high country and will give us snow, solitude, and alpine scenes of fine quality.

(164) Mt. Zirkel Wilderness North, Colorado—July 11-17. Leader, Dave Schalk, 407 Hampshire Dr., Hamilton, OH 45013.

Heavily timbered areas interspersed with lush mountain meadows set off the rugged peaks in this area. Many streams, cascading water runs and quiet mountain lakes

present a quiet backdrop for the beautiful Alpine flowers that abound here. This strenuous outing will move six to eight miles daily, some cross-country, at altitudes of ten to twelve thousand feet, with altitude changes of 1000-2000 feet typical. Campsites will be reached early allowing individual and group exploration of the area.

(165) Adirondacks, Adirondack Forest Preserve, New York—July 11-17. Leader, Walter Blank, Omi Rd., W. Ghent, NY 12075.

This trip will begin at Heart Lake near Lake Placid and end at Elk Lake. We will cross Avalanche Pass, climb Mount Marcy, visit Lake Tear and descend into Panther Gorge. The last part of the trip will have a number of climbs in the Dix Range. The trip is moderately strenuous, however anyone in good physical condition, able to carry a pack, can do it. We will visit the most popular area of the high peaks but spend most of our time in less-visited areas.

(166) Mount Holy Cross, White River Forest, Colorado—July 11-17. Leader, Bill Murphy, 54 Bellmore Ave., Point Lookout, NY 11569.

An ascent of Mount of the Holy Cross (14,005), spectacular views, crystal lakes, rushing streams, and rugged passes, characterize this strenuous trip through the



central Colorado Rockies. We will also be hiking in an historic mining area, exploring abandoned mines and visiting cabins and ghost towns. The trip concludes with an ascent of Notch Mountain. We will be traveling 8-10 miles a day typically gaining 1500-2000 feet daily.

(167) Blossom Lakes, Sequoia Park, Sierra—July 12-19. Leader, Ray Collins, 490 Post Street, #735, San Francisco, CA 94102.

Sequoia National Park west of Mineral King is gentle country with meadows, wild flowers, foxtail pine, and small lakes in granite cirques and is well suited to a mellow experience. Not for peak baggers, but there will be a few long trail days, two short stretches of challenging cross-country travel, and two layover days. Pace will be moderate and designed to allow long afternoons at camp for swimming, nature study, and sociability.

(168) Granite Hot Springs, Teton Forest, Wyoming—July 15-21. Leader, Bob Wilkinson, 5278 Independence St., Arvada, CO 80002.

This moderate 40-mile loop begins and ends at a hot spring pool. We will hike in the Gros Ventre Range, Teton National Forest. We average seven miles a day with one layover day, at elevations from 7000 to 10,000 feet. The last day is a steep downhill of three to four miles with most of the day left to soak aching muscles in the hot pool. A spectacular view of the Grand Teton Mountains appears halfway through the trip.

(169) Cirque Crest, Kings Canyon Park, Sierra—July 15-24. Leader, Jerre Sears, 6529 Harwood Ave., Oakland, CA 94618.

This moderately-strenuous trip starting near Cedar Grove will include forested canyon floors, cascading waterfalls, Yosemite-like valleys and stark granite basins. We will ascend a total of 11,000 feet over 50 miles (half being cross country). There will be several layover days for peak climbing (Marion Peak, Mt. Ruskin, et al), fishing, swimming and nature exploring.

(170) Susquehannock Trail, Pennsylvania—July 17-25. Leader, Tom Thwaites, 1113 Centre Lane, State College, PA 16801.

This will be a strenuous week of hiking averaging over 10 miles per day on the longest loop trail in Pennsylvania's North Central primitive area. We will hike past trout streams and beaver meadows in one of the largest

roadless areas in the state. We will visit a stand of virgin timber as well as the sites of ghost towns and Ole Bull's castle. Our route will traverse the homes of bear, deer and wild turkey and pass scenic views of this rugged portion of Penn's woods north.

(171) Trans-Cascade, Glacier Peak Wilderness, Washington—July 18-30. Leader, Dave Corkran, 130 N.W. 114th, Portland, OR 97229.

This difficult trip traverses the Glacier Peak Wilderness. Beginning on the North Fork of the Sauk River, we climb to Red Pass and Whitechuck Glacier. We cross snowfields and glaciers of Ten Peak Ridge to Buck Creek Pass, and then follow trails to Image and Canyon lakes. A final cross-country jaunt to Sulphur Mountain completes the trip, which includes 36 miles of trail, 29 miles of cross-country and 20,000 feet of climb. It's for tough backpackers with ice axe and rope experience.

(172) Mount Lindsey, Sangre de Cristo Range, Colorado—July 19-28. Leader, Bob Berges, 974 Post St., Alameda, CA 94501.

This moderately strenuous knapsack trip will start in the Great Sand Dunes National Monument and explore the Blanca Massif south of the Dunes. We will cross the steep, narrow spine of the main range twice and participants should arrive in good condition. Three layover days will permit attempts on the three 14,000-foot summits in this part of the range. Weather and route finding can be a problem in this area.

(173) Bridger Wilderness, Wind River Range, Wyoming—July 19-30. Leader, Janna L. Naylor, 555 E. 10th Ave. #311, Denver, CO 80203.

The Wind River Range is noted for its many lakes, fantastic fishing and unique mountain peaks. Our moderately strenuous loop trip will include trail and cross-country travel with two Continental Divide crossings. Two layover days allow time for fishing, peak scrambling or just plain loafing. Plant and animal life are abundant and wildflowers should be at their peak, which, alas, means mosquitos.

(174) Elkhart Park, Bridger Wilderness, Wyoming—July 21-30. Leaders, Charles and Virgene Engberg, 6906 Birchton Ave., Canoga Park, CA 91307.

This leisure trip will explore the upper Green River drainage system. Most of the time will be spent exploring the 10,000 to 11,000-foot high alpine meadows and lakes. Fishermen will be pleased with the number of lakes, while photographers will have problems selecting the best view of the Continental Divide. The area is excellent for studying alpine tundra with all its many wildflowers. A good trip for knapsackers with little experience.

(175) Silver Peak Photography, John Muir Wilderness, Sierra—July 23-August 1. Instructor, Bruce Barnbaum. Leader, Tom Amneus, 2440 Yosemite Dr., Los Angeles, CA 90041.

Four layover days are planned to allow time for instruction by an outstanding professional photographer and for exploring beautiful Margaret Lakes and the lakes around Peter Pande Lake east of the Silver Divide which we will cross twice. Travel days will average seven miles (maximum 10); greatest one day gain is 2500 feet (on trail); camps will be at about 10,000 feet. A dozen miles of unscouted cross-country will require some experience.

(176) Logan Pass to St. Mary Falls, Glacier Park, Montana—July 24-31. Leader, Tom Pillsbury, 1735 Tenth St., Berkeley, CA 94710.

This strenuous 50-mile trip will go south from Logan Pass partly on trails and partly cross-country. We will

Robert Cresko



cross Sperry Glacier and spend one night at the Sperry Chalet, a staffed mountain hut near Lincoln Peak. The trip will be in a seldom-visited part of Glacier Park.

(177) Blackcap Basin Loop, Sierra—July 24-31. Leader, Chet Williams, 2831 Flores St. #108, San Mateo, CA 94403.

This will be a moderately strenuous trip with some cross-country. There will be chances for peak grabbing, fishing or layover days for those so inclined. Some cross-country portions of this trip will be in rough terrain and participants should be experienced in boulder hopping with packs. Our route is covered by Blackcap Mtn. and Mt. Goddard 15' quads. Our trailhead will be Wishon Reservoir, east of Fresno, California.

(178) Mt. Huron, Collegiate Peaks, Gunnison and San Isabel Forests, Colorado—July 24-August 1. Leader, Jan Robertson, 1001 Pine St., Boulder, CO 80302.

This strenuous trip will occasionally use old mining trails. More often we'll go cross-country over high passes, flowered tundra, and across streams without bridges. There will be several layover days for climbing a maximum of five peaks over 14,000 or for simply enjoying the magnificent lush subalpine meadows. We will see several rock glaciers. About 40 miles total, excluding the climbs.

(179) Natural History of the Eastern Escarpment, Sierra—July 24-August 1. Instructor, Marlin L. Dickey. Leader, Mary Coffeen, 851 Amador, Claremont, CA 91711.

Here streams, lakes, meadows, large mammals, trees, soil, rocks and weather develop rich and diverse natural communities. We will study the origin and shaping of this landscape with geologist Marlin Dickey. We will make habitat observations guided by our trip leader and aided by visiting wildlife biologists. We'll move up through large foxtail pines and over the crest for a bonus treat in the Woods Lake basin. This 23-mile trip is rated leisurely.

(180) Bicentennial Trip, Appalachian Trail, Maine—August 1-7. Leader, Frank Roberts, 15 Sewall Drive, Old Town, ME 04468.

The area covered on this trip was first traversed by Benedict Arnold and his army during the Revolutionary War on their way to fight the British in Quebec. About half the trip will be on level ground skirting three lakes, a route followed by Arnold in order to avoid white water on the Dead River. At the point where Arnold cut back to the River, we will ascend the Bigelow Range. Our itinerary will take us from the Kennebec River to the Carra-basset Valley and crosses only one (private) road. Pace will be moderate, with time for natural history study, fishing and cogitation.

(181) Southern Wyoming Range, Bridger Forest, Wyoming—August 2-8. Leader, Oz Hawksley, Rt. 1, Box 4, Warrensburg, MO 64093.

Moderately strenuous trip, 5 to 8 miles a day with much of the walking along ridges at about 10,000 feet. Two layover days will allow hikes to ridges above Roaring Fork Lakes for views of Salt Range and a climb of Coffin Mountain and Wyoming Peak. The range is under study for wilderness status. Probably no other hikers will be seen but chances to see moose, elk and deer are excellent.

(182) Eagle-Minam, Eagle Cap Wilderness, Oregon—August 2-12. Leader, Jane Rondthaler, 4400 S. W. 41st, Portland, OR 97221.

Northeastern Oregon's Wallowa Mountains, rising abruptly from high lava plains on the west and Hells



Mel Williamson

Canyon on the east, are the location of this moderate loop trip of 50 miles. We will follow the forested glacial valley of the Minam River up to the granite slopes and flower-decked meadows of the Lakes Basin, presided over by Eagle Cap Peak. Four tough passes to cross (and no food cache) are balanced by three layover days to wander, climb, photograph, fish, or view elusive wildlife.

(183) Olympic Peninsula, Washington—August 3-12. Leader, Molly Reeves, Rt. 2, Box 174-F, Oakley, CA 94561.

The peaks of Washington's isolated Olympic Peninsula form the setting for our hike through the forests, passes and gorges of the Olympic National Park. Our 80-mile loop runs from Dosewallups Ranger Station west over Hayden Pass (6000), through the rain forests of the Quinalt River to North Fork Ranger Station and back by way of Enchanted Valley, Anderson Pass (4000) and Anderson Glacier. Weather should be good but rain is frequent. Our moderate pace is entirely on established trail, with two layovers and a cache, although a couple of twelve mile days must be anticipated. This is not a trip for novices.

(184) Rainbow Mountains Nature Conservancy Area, Tweedsmuir Provincial Park, British Columbia—August 4-14. Leader, Gary Tepfer, 2011 Elk, Eugene, OR 97403.

The Rainbow Mountains are on the eastern edge of the rugged Coast Range in central British Columbia. The trip will take a very moderate pace with frequent layover days to enjoy the abundant wildlife, wildflowers and scenery of the Coast Range. We will take time to watch for caribou, moose, wolves, wolverine, bear and other big game animals common to this area.

(185) Baxter State Park, Mount Katahdin, Maine—August 8-14. Leader, Hank Scudder, 15 Berkley Rd., Scotia, NY 12302.

Mount Katahdin rises 5273 feet to dominate the rugged peaks and ridges of Baxter State Park. It is the northern terminus of the Appalachian Trail and will be the climax of our moderately strenuous trip. We will have two layover days, with strenuous day hikes optional, so a member may hike as little as 30 miles or as much as 50. The country is quite rugged, and the weather unpredictable. Knapsacking experience is not required, but good physical condition and proper equipment are essential.

(186) Big Baldy-Pistol Creek, Idaho Primitive Area, Idaho—August 8-21. Leader, Arthur Beal, Box 63, Sweet, ID 83670.

This moderate trip is at about 9000 feet on the Idaho batholith with overlay tertiary lava. Some fishing and good camera hunting. We will explore the little-used area near the Middle Fork of the Salmon where a layover and

re-supply is planned. We may see elk, sheep, and deer as we traverse different eco-systems.

(191) Wyoming Leisure, Bridger Forest, Wyoming—August 9-14. Leader, Paul Turner, 17528 Buchanan Pl., Aurora, CO 80011.

Enjoy a slow-paced trip into an unspoiled area of the Rockies. While moving no more than eight miles a day over one 9500-foot pass, you can indulge yourself in the fragrances and beauty of the local flora. During one planned layover day you may participate in rigorous mountain-topping or just a leisure stroll through knee-high wildflowers. Look closely and you may see a deer or antelope but certainly no accoutrements of civilization.

(192) Kern - Kaweah Country, Sequoia - Kings Canyon Parks, Sierra—August 10-20. Leader, Phil Gowling, 2326 California St. #17, Mountain View, CA 94040.

The Kern - Kaweah Basin, the Great Western Divide, and the headwaters of the Kern make up one of the more beautiful areas of the southern Sierra. The rugged peaks and passes, and the gentle streams and clear lakes make this an area not soon to be forgotten. Layover days, and a food cache will lighten our loads. But a few long moving days, a bit of rugged cross-country, and two 12,000 foot plus passes will make this a moderately strenuous trip.

(193) Tchaikazan Valley, Coast Mountains, British Columbia—August 11-23. Leader, Tom Erwin, 2791 Oakmont St., Sacramento, CA 95815.

Experience the variety of terrain and weather features for which this range is famous. Participants should be prepared for the remoteness and isolation from outside contacts. Several days of roped glacier trekking are on the route as well as timberline meadows, avalanche brush piles, and major stream crossings. While the pace will be moderate, the heavy packs, weather and terrain features will undoubtedly make some days very strenuous. Mileage is about 40; cost includes \$90 air flight from Williams Lake.

(194) Flat Tops Primitive Area, White River Forest, Colorado—August 16-27. Leader, Janna L. Naylor, 555 E. 10th Ave. #311, Denver, CO 80203.

The high plateau country in northwestern Colorado provides a beautiful setting for a moderate hike through lake-dotted forests and meadows. Most travel will be above 10,000 feet. Two or three layover days will afford time for peak scrambling, fishing or loafing. Wildflowers and animal life are abundant, and this area includes the largest migrating elk herd in the state.

(195) Beartooth High Lakes, Montana—August 17-27. Leader, Bob Madsen, 3950 Fernwood Way, Pleasanton, CA 94566.

Beartooth Primitive Area in southwestern Montana is a land of high plateaus, many lakes, and peaks with trails and cross-country routes at elevations ranging from 8000 to 11,000 feet. On this 11-day trip we will circle Granite Peak (12,799) in the southern portion of this Primitive Area. We will have two layover days at campsites among a choice of eight lakes. One-third of our distance will be cross-country travel with some hiking days of 15 miles each to rate this a moderate to strenuous trip.

(196) Caribou Mountain, Tweedsmuir Provincial Park, British Columbia—August 18-28. Leader, Gary Tepfer, 2011 Elk, Eugene, OR 97403.

This trip will combine backpacking, canoeing, mountaineering and hiking in the Coast Range Mountains of British Columbia. Almost a week will be spent exploring a mountainous alpine meadow and lake area, with hiking and third class mountaineering a part of most days. For

David Clodfelter





Robert Cresko

the latter half of the trip, we will descend to Turner Lake, where we will rent canoes and paddle a chain of six lakes.

(197) Needle Mountains, San Juan Wilderness, Colorado—August 21-28. Leader, Trevor Berrington, 15768 E. Union Ave., Denver, CO 80232.

This area lies in some of the most rugged and spectacular mountains of southwest Colorado. We shall be hiking mainly above 10,000 feet, averaging about six miles a day. Two or three layover days will give ample opportunity for the amateur naturalist, photographer and fisherman to enjoy a memorable experience.

(198) Unicoi Mountains-Slickrock Wilderness, North Carolina-Tennessee—August 22-28. Leader, Lincoln Roberts, 2152 Cross Creek Way, Dunedin, FL 33528.

We hike up Snowbird Creek into the Unicoi Mountains and then down to Slickrock Creek at a moderate pace, with days covering seven miles and up to 1200 feet of elevation changes. A food cache will make our moves easier as we go from mountain stream through rhododendron thickets to blueberry-strewn balds and virgin forest and into the lush Slickrock Wilderness. Minimum age is 12 with an adult, otherwise 14.

(199) Meadow Lake, Tahoe Forest, Sierra—August 23-29. Leader, Serge Puchert, 37 Southridge Ct., San Mateo, CA 94402.

This history-oriented knapsack trip is in the heart of the gold country in north Tahoe, north of Highway 80. Utilizing short cross-country moves, we will explore early Indian habitats, old immigrant trails, abandoned mines, ghost towns, and little-visited lakes in Emigrant Gap and Donner Pass areas. Campfire discussions and lectures will further acquaint us with this area. This backpack is of moderate exertion, ideal for both veterans and well-prepared newcomers.

(200) Sierra Crest, Mount Abbot to Red Slate Mountain, John Muir Wilderness, Sierra—August 23-September 3. Leader, Jim Skillin, 3756 Sundale Rd., Lafayette, CA 94549.

From Rock Creek, cross the Sierra Crest four times, and Mono and Silver Divides; camp in three Mono Recesses, Laurel Creek, Pioneer Basin, with four layover days. Six easy peaks and many over 12,000 ft. offer optional climbs. Passes alone give great views in this colorful section. Route is mostly off trail; only two moves exceed five miles, only one exceeds 2000 feet uphill. All camps are at lakes near or above timberline.

(201) Rambaud Creek, Kings Canyon Park, Sierra—August 25-September 5. Leader, Gordon Peterson, 1776 Vining Dr., San Leandro, CA 94579.

Rambaud Creek is a short tributary of the Middle Fork of the Kings River. In the late eighteen hundreds it was the sheep route from Simpson Meadow to the upper reaches of the Kings. Today, because the area is so remote, it is seldom crossed by any knapsacker. This twelve day outing, with a cache en route to ease our pack load, will enable us to travel country few people have seen and should be the choice of the adventuresome.

(202) Trinity Alps Art, Northern California—September 3-11. Instructor, Charles Zlatkoff. Leader, Ellen Howard, 535 Morey Dr., Menlo Park, CA 94025.

The northeastern portion, where the red rock of the Trinity meets white granite ridges forms the colorful setting for our trip. The first two days take us through forest land to remote small lakes and open meadows with wildflower gardens. On layover days, instruction in drawing, water-color, and other graphic media will be offered. Excursions to ridges and peaks are planned. Expect some cold weather. Recent knapsacking experience is required.

(203) Bench Valley-Blackcap Basin, Sierra—September 7-15. Leader, Ralph Huntoon, 25879 Girard, Hemet, CA 92343.

This moderate loop takes us from pine forest and through open meadows high into alpine lakes hidden in glaciated basins. We plan two layover days for fishing, exploring the many lakes, peak climbs along the LeConte Divide, observing a wide variety of plants and animals, and a bit of loafing. Fall in the Sierra is a time of change: few mosquitoes, fall color, few people, perhaps stormy skies. We are mostly on trail with some cross-country fun.

(204) Cherry Creek Leisure Trip, Emigrant Basin, Sierra—September 11-19. Leaders, Ed and Helen Bodington, 697 Fawn Dr., San Anselmo, CA 94960.

We plan to travel southeast through the Emigrant Basin Wilderness Area to Cherry Creek on the northern boundary of Yosemite. Cross-country routes to Hyatt Lake and Cherry Creek afford spectacular views of this really gentle wilderness. Layover days offer good fishing and easy peaks. Travelling days will average 7 miles with 1000 feet of climb. A leisurely trip for well-prepared newcomers and veterans alike.

(205) Triple Divide Peak, Yosemite, Sierra—September 13-23. Leader, Burwell Taylor, 2207 Russell St., Berkeley, CA 94705.

A loop trip, moderately paced, at moderate elevations and about one-third cross-country, in the Sierra National Forest and southeast Yosemite. We will circle the predominant landmark, Triple Divide Peak. Some camps will be above tree-line (no trees for tent support). Expect good September weather but be prepared for rain—or even snow.

(206) Huckleberry Lake Leisure Trip, Sierra—September 18-26. Leaders, Ken and Anneliese Lass, 5308 Cole St., Oakland, CA 94601.

Autumn colors begin to appear in late September; the air is crisp and stillness settles over the mountains. We will take advantage of the late season in an exploration of the East Fork of Cherry Creek in Stanislaus Forest. This area is located deep in the Emigrant Basin Wild Area and is noted for its fishing, historic past and scenic beauty. Several layover days are planned to give us a good balance between camp-based exploration and knapsacking.

(207) Paria Canyon, Arizona-Utah—September 25-October 1. Leader, Tim Ryan, P.O. Box 16051, Phoenix, AZ 85011.

This steep-walled sandstone canyon with its year-round stream, situated in a primitive area in northern Arizona and southern Utah empties into the Colorado River. The trip is moderate and the route varies from waist-deep water to totally dry. Early fall, with warm days and not too cold nights, is an ideal time to explore the canyon with its amphitheatres, meanders and natural arches.

(208) North Kaibab/Clear Creek, Grand Canyon Park, Arizona—October 16-23. Leader, Don Campbell, 7042 North 12th Way, Phoenix, AZ 85020.

This moderately strenuous trip will focus on the fascinating side canyons of the Bright Angel and Clear Creek drainages. Wall, Phantom, Zoroaster and Clear Creek will be investigated. In addition to absorbing the personality of these deep, live gorges, we will descend to the Colorado River at two points in the Granite Gorge. The 40-mile loop trip from the North Rim will be on trails more than half way. Elevation change will be 6000 feet.

(209) Buffalo River Wilderness, Arkansas—October 17-23. Leader, Bill Bates, 1630 Madaline, Springfield, MO 65804.

This moderately strenuous trip will start in the rugged headwaters country of Buffalo National River and will move cross-country, transecting the Upper Buffalo Wilderness Area. Four moving days afford an opportunity to view the fall colors in all of their glory. Two layover days may be used to visit waterfalls, take photographs, or just loaf. All campsites will be deep in the valley of the Buffalo beside its clear, cascading waters.

(210) Sea Islands Leisure Trip, Georgia—December 26-January 2. Leader, Steve Johnson, 229 Ponce de Leon Ave. NE, Apt. 7, Atlanta, GA 30308.

Where the largest rivers east of the Mississippi meet the sea, Georgia's Golden Isles remain largely wild and undeveloped, a challenge to conservationists. The richest marshlands known to man combine with forests, ponds, dunes, and lonely, wild beaches to provide a rich diversity. The historical role of the islands makes this trip a fitting part of the Bicentennial. We will visit three or four of the best islands, island-hopping down the chain by boat and backpacking in a leisurely style.

(211) Grand Canyon, Arizona—December 27-January 1. Leader, Lester Olin, 2244 Avenue A, Yuma, AZ 85364.

We will begin by descending to the Tonto level on one of the old trails. The trip will then consist of traversing a portion of the canyon at this level along the Tonto Trail with side trips to the Colorado River. Most of the trip will be over abandoned trails with some cross-country rock scrambling. This will be a rather strenuous trip, due to the poor trails, and large elevation changes.

SEND FOR THE TRIP SUPPLEMENT

Don't be lured into the wrong camp, or worse, don't be frightened away from one you could easily manage with appropriate conditioning. Sierra Club outings vary tremendously in such things as cost, distance covered, and in the experience and physical stamina required. Even veterans may find it hard to determine from the brief descriptions in this issue just how easy or how difficult any given trip will be.

A Trip Supplement is enclosed with each reservation acknowledgement; however, if you have any real doubts about your readiness for a trip which interests you, you may obtain the specific Trip Supplement from the Outing Department (530 Bush St., San Francisco, California 94108) before you make your reservation. While many trips fill early, reading the Supplement in advance may save you the expense of changing or cancelling your reservation later.

Each Trip Supplement is prepared by the leader and goes into much more specific detail than we can print here. Any further information beyond that contained in the supplement should be obtained directly from the trip leader, whose address and phone number are included in the Trip Supplement.

Due to production costs, we now must charge 50c for each Supplement requested *beyond the first five*.



Carol Dienger

JUNIOR KNAPSACK TRIPS

Juniors trips are for the 12 to 15-year-old knapsacker who wants a mountain trip with others the same age. Packs are lighter and hiking days usually a little shorter, but in all other ways juniors trips are like adult trips. Each trip member takes his turn on the cook crew and with other camp chores and is expected to carry his full share of the food and commissary gear.

Those new to backpacking will find shorter, less strenuous trips suitable to their ability. Two trips this year are aimed at the youngsters who have never backpacked. Experienced hikers can sign up for the longer, more difficult trips at higher elevations which have more cross-country hiking. Each trip description states the age group for which the trip is planned.

Applicants must be qualified for the trips; the leader expects to hear from the applicants themselves in response to his supplement, not from the parent.

Parents will be asked to help with driving trip members to and from the trip. Juniors trips are quite popular and are filled quickly. In fairness to all, we must limit applicants to one trip in a season.

(215) Bonnie Lake Loop, Sierra Forest, Sierra—June 16-22. Leader, Lynne McClellan, 88 Ridge Road, Fairfax, CA 94930.

(217) Bonnie Lake Loop, Sierra Forest, Sierra—June 24-30. Leader, Lynne McClellan, address above.

Hiking through the late snows of spring, we will swim in cool, crisp mountain water, make new friends, learn the techniques of backpacking and cooking, and enjoy life in the mountains. Adventuresome 12-15 year olds will have three days of cross-country walking in addition to four days on trails. From the highest point, Kaiser Peak, the entire Sierra Crest is visible. Join us!

(216) Marble Mountains, Klamath Forest, Northern California—June 20-30. Leader, Patrick Colgan, 519 Upton St., Redwood City, CA 94062.

Strong and spirited beginners welcome. Northern California's Marble Mountains are the setting for this moderate to rampant trail and cross-country junket. The Marbles in June could still be socked in with snow. This would make the trip quite interesting. But in spring this magnificent and inspiring region with its exotic profusion of colorful wildflowers is a veritable knapsackers paradise, ages 12-15.

(218) Lion Rock, Sequoia Park, Sierra—June 24-July 2. Leader, Frances Cleveland, 519 Upton St., Redwood City, CA 94062.

High across the Silliman Crest to the windswept flats of the Tablelands, a hardy bunch of juniors will battle their way to Triple Divide Peak and Lion Rock. A moderate to strenuous trail and cross-country knapsack, set amid the jagged Sierra of the Great Western Divide, this late June trek will meet spring in her wildest mood. Knowledgeable or strong beginners welcome, ages 12-15.

(219) Painted Dunes, Lassen Park, Northern California—July 4-11. Leader, Norm Weeden, 3571 F St., Eureka, CA 95501.

Enjoy the Lassen National Park back country on this moderate knapsack trip. A layover day will allow time for swimming, fishing and relaxation. Our route is mostly on trails, but we will encounter sandy soil and some long days (8 miles) with moderate altitude gain (2000 feet) which will require fortitude. For juniors in good condition with previous backpacking experience. Ages 12-15.

(220) Koip Crest/Ritter Range, Yosemite Park-Inyo Forest, Sierra—July 8-15. Leader, Elliott Smith, 423 Buena Vista Ave. East, San Francisco, CA 94117.

A peak bagging, snow sliding, moderately strenuous trip through the spectacular crest of the central Sierra. From Dana Meadows past gold mines, cross-country over Koip Crest to Marie Lakes for two layover days with climbs of Rodgers Peak or Mt. Davis and magnificent views. For adventurous, sturdy 12-15 year old juniors with previous backpacking experience.

(221) Sawtooth Ridge, Yosemite Park, Sierra—July 12-20. Leader, Dave Neumann, 155 David St., #221, Juneau, AK 99801.

Sawtooth Ridge will provide the backdrop for this moderately strenuous knapsack into northeast Yosemite. We will explore both sides of this ridge, visiting several glaciers and tarns. Several layover days will give ample opportunity to climb Matterhorn Peak, Finger Peaks, and others. Vigorous and experienced 12-15 year olds will enjoy this fast-paced trip.

(222) Mount Goddard, Sierra Forest and Kings Canyon Park, Sierra—July 21-31. Leader, Bruce Ellisen, 115 Mason St., Santa Cruz, CA 95060.

Our 50-mile route will take us across the Sierra from Courtright Reservoir on the west to North Lake on the east. Most of our hiking will be cross-country above timberline. Three layover days will give us plenty of time to climb, glissade, swim, juggle, fish, or just relax and enjoy the scenery. This trip is for experienced backpackers ages 13-15.

(223) Palisades West, Kings Canyon Park, Sierra—July 26-August 3. Leader, Dave Neumann, 155 David St., #221, Juneau, AK 99801.

From South Lake we venture into Palisade Basin, then head cross-country towards Enchanted Gorge and Dis-

appearing Creek. This region of the Sierra is very isolated due to its extreme ruggedness. Layover days will be spent resting, fishing or climbing the many fine peaks. Vigorous and well experienced 14-15 year olds can expect heavy packs and 8-10 mile days on this strenuous, but rewarding trip.

(224) Whorl Mountain, Yosemite, Sierra—July 26-August 3. Leader, Ann Peterson, 1776 Vining Dr., San Leandro, CA 94579.

The canyons of northern Yosemite will be the focus of this moderate trail and cross-country trip. A loop from Twin Lakes will take us over the Sawtooth Ridge and into Matterhorn, Slide, and Rock canyons. Peak-baggers will be provided opportunity to gain a perspective of the unique country that is Yosemite, while loafers enjoy an intimate communication with earth and water. For ages 12-15.

(225) Mount Darwin, Kings Canyon Park, Sierra—August 2-9. Leader, Raleigh Ellisen, 1431 Milvia St., Berkeley, CA 94709.

A strenuous first day hike takes us over Lamarck Col and on to Darwin Canyon. More leisurely hikes then allow us to explore Evolution Basin and the Goddard Divide, and to climb some 13,000-foot peaks before re-

crossing the Sierra Crest. Trip members should be 12-15 years old with some backpacking experience.

(226) Arrow Peak, Kings Canyon Park, Sierra—August 6-15. Leaders, Vicky and Bill Hoover, P.O. Box 723, Livermore, CA 94550.

Layover days featuring peak climbing in remote Kings Canyon combine with some long hiking days over cross-country cols for experienced backpackers aged 13 to 15. This strenuous 10-day, 50-mile trip heads north from Kearsarge Pass to scale the spine of Fin Dome, skirt Sixty Lake and Gardiner basins and climb Pyramid and Arrow peaks. A scramble up Colosseum Mountain on the Sierra Crest precedes the final long descent.

(227) Slide Mountain, Yosemite Park, Sierra—August 15-22. Leaders, Ellen and Jim Absher, 179 Saranap Ave., Walnut Creek, CA 94595.

This moderately paced trip for experienced 14 and 15 year olds should be late enough to avoid mosquitoes and early enough for relatively warm days and nights. Travel is mostly cross-country at high elevations. Highlights will be the alpine ecosystem, impressive views, and a chance to ascend many of the major peaks. Climbing practice, rope technique, and nature study will also be available. One layover day and some free afternoons are planned.

Carol Dienger



Ski-Touring

(257) Northern Colorado Ski Tour—December 27-January 2, 1977. Leader, Laurent O. Gaudreau, 710 S. Alton Way, Denver, Co 80231.

Ideal cross-country skiing conditions are offered by the Northern Colorado wilderness. The trip has been arranged to accommodate either the expert or the novice skier as well as participants with snowshoeing interests. Snow-covered meadows and immediate access to Routt National Forest and the Mt. Zirkel Wilderness offer us many opportunities to enjoy this wilderness area and the wildlife familiar to it such as elk, deer, coyote, and fox. We will be housed on a private ranch offering modern, well-located cabins. Equipment is furnished by the individual skier.

(258) Ski Touring Clinic, Steamboat Springs, Colorado—January 9-14, 1977. Leader, Sven Wiik, Box #5040, Steamboat Village, CO 80499.

Here is an opportunity for five days of excellent skiing with all levels of touring instruction. Your instructors will all be either former coaches or recent team members of the U.S. Nordic team. Program includes selection and care of equipment, ski-touring technique, half and full day tours all covered by the fee payable to the club. Separate arrangements must be made directly with the Scandinavian Lodge for room and board.

(259) Superior-Quetico Ski and Snowshoe, Minnesota-Canada—February 27-March 5, 1977. Leader, Glenn J. Hall, 2855 Rice St., Roseville, MN 55113.

Ski or snowshoe, listen to the cry of the wolves. Photograph, sketch, or just drink in the beauty of the frozen Northland. Our base camp is located 30 miles from Grand Marais, Minnesota, on the Gunflint Trail, one mile from Minnesota's Boundary Waters Canoe Area. We will be taking day trips from our cabin-based camp, with overnight trips if desired. Everyone will share in food preparation and clean-up. No experience necessary; minimum age 15.

For backpackers and other wilderness users who wish to introduce some variety, flavor, nutrition, and simplicity into their trail diets, we offer a selection of tasty recipes from the forthcoming Sierra Club Book . . .

Simple Foods for the Pack

VIKKI KINMONT and CLAUDIA AXCELL



FONDUE

A romantic supper for full-moon nuts. [Prepare in camp.]

- 1 pound Swiss cheese, grated
- 2 tablespoons whole wheat flour
- 1 garlic clove
- 2 cups dry white wine
- 1 loaf sour dough bread, broken into pieces

Rub pot with garlic and leave it in the pot. Pour in the wine and bring to a simmer. Mix cheese and flour, then stir into mixture. Continue stirring until thick, about 10 minutes. Dip the pieces of broken bread into the fondue. Serves 2.



ONE-POT BROWN RICE AND SHRIMP

[Assemble at home; prepare in camp.]

- 2 cups brown rice
- 1 6½-ounce can shrimp or ½ cup freeze-dried shrimp
- large handful freeze-dried string beans
- 1 tablespoon onion flakes
- ½ teaspoon salt
- 1/8 teaspoon oregano
- 1/8 teaspoon thyme
- 1 tablespoon oil
- 5 cups water

BUCKWHEAT STRING BEANS

If you get this going and then fry trout on the side, it will probably be done at the same time, offering a satisfying complete meal. [Assemble at home; prepare in camp.]

- 1 cup toasted buckwheat groats
- ¾ cup dehydrated or ½ cup freeze-dried string beans
- ½ cup dried mushrooms, sliced thin and chopped fine, or if you prefer mushrooms chunky, cut and presoak them for 20 to 30 minutes
- 1 tablespoon onion flakes
- ½ teaspoon salt
- ¼ teaspoon oregano
- 1 teaspoon oil
- 3¼ cups water

Slowly add all ingredients to boiling water and oil, keeping the water boiling. Stir, cover, and let cook at a low boil for 20 minutes. Serve with soy sauce or sesame salt. Serves 2.

Variation:

This could be made a One-Pot Meal by adding a handful of dried shrimp at the beginning, or a small can of shrimp at the end.

Drawings by Gabriele von Rabinau

BAKED BEAN SOUP

Very good over corn pancakes. [Prepare in camp.]

- 1 ¼ cup freeze-dried pinto beans
- 2 tablespoons onion flakes
- ½ teaspoon salt
- ½ teaspoon ginger
- 2 tablespoons molasses, honey, or maple syrup
- 1 tablespoon corn oil
- 4 cups water
- 1 tablespoon soy sauce

Mix all ingredients together in pot except soy sauce. Bring to boil and cook for 10 to 15 minutes. Add soy sauce when done.

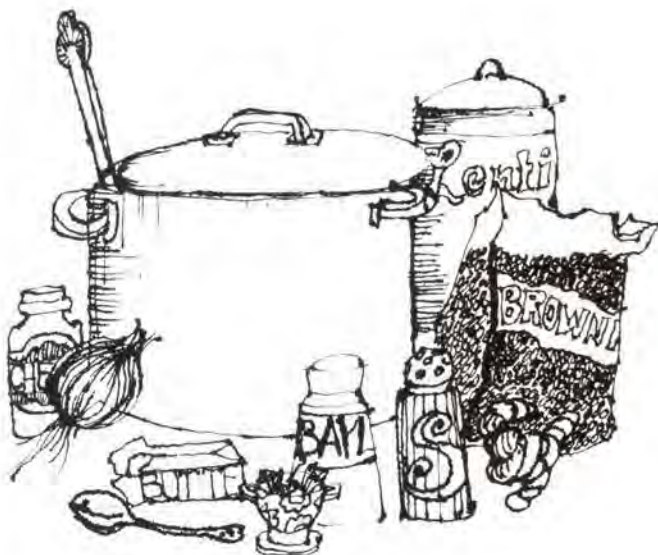


HIGH PROTEIN ALMOND COOKIES

[Prepare at home before trip.]

- 2 ¼ cups whole wheat flour
- 1 cup almond meal
- ¾ cup oat flour
- ½ cup chopped pecans
- ¼ cup soy flour
- ¼ to ½ cups currants or raisins
- 2 tablespoons chia seeds
- 1 teaspoon coriander
- ½ teaspoon salt
- ½ cup apple juice or water
- ½ cup honey
- ¼ cup oil
- 1 teaspoon almond extract

Mix all dry ingredients in one bowl and the liquid ingredients in another. Combine the two and blend well. Roll into balls, place on ungreased cookie sheet and press down with a fork. Bake at 350° for 15 to 20 minutes. Makes about 3 dozen.



ASIAN RICE AND LENTILS

Rice and lentils, when eaten together, make a richer balance of protein than if they are eaten separately. [Assemble at home; prepare in camp.]

- ¼ cup brown rice
- ½ cup lentils
- 2 tablespoons butter
- 1 onion, chopped, or 1 tablespoon onion flakes
- ½ teaspoon salt
- ½ teaspoon cinnamon
- ½ teaspoon ginger
- ½ teaspoon cardamom
- 2 whole cloves
- 1 bay leaf
- pinch cayenne (optional)
- 2 ½ cups water

Melt butter in cook-pot and add all dry ingredients. Sauté a few minutes and then cover with water. Cover pot, place over low heat, and cook 45 to 60 minutes. Serves 2.

SESAME SEED PATTIES

Tasty, crunchy hot supper cakes. Good with a sauce, gravy, hot mustard, or soy sauce. [Prepare in camp.]

- 1 cup sesame seed meal (seeds may be ground in a blender)
- ¼ cup soy flour
- ¼ cup wheat germ flakes
- 1 teaspoon onion flakes
- 1 teaspoon parsley flakes
- 1 teaspoon sage
- ¼ teaspoon celery seed
- ¼ teaspoon garlic granules
- ¼ teaspoon salt
- 1 teaspoon oil
- ½ cup water

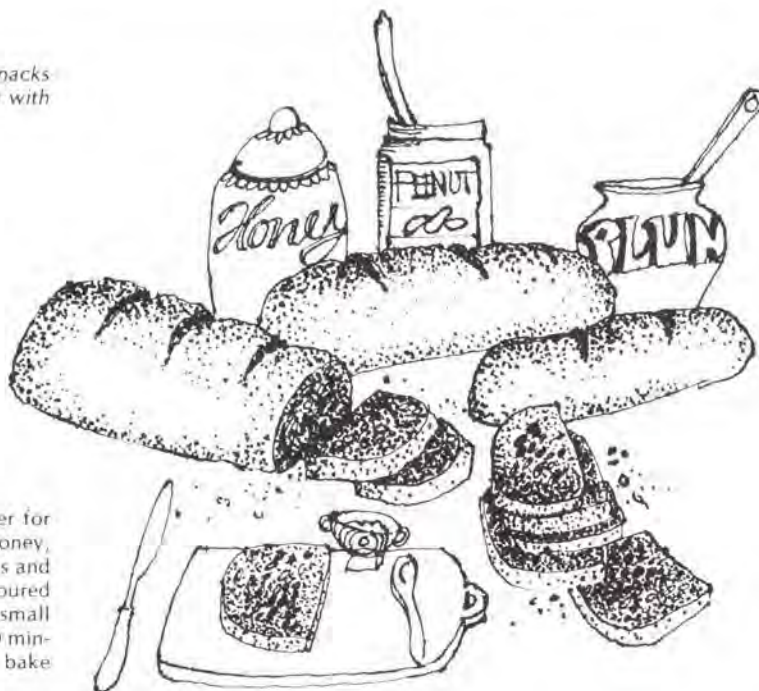
Combine all dry ingredients with water and oil in one bowl; stir well. Form into 4 patties and fry in lightly oiled frying pan for about 15 minutes. Serves 2.

DRIED FRUIT BREAD

A heavy, sweet bread, high in protein. Good for snacks with peanut butter and jam, or toasted for breakfast with honey. [Prepare at home before trip.]

- 3 cups rolled oats
- 1 cup chopped apricots
- 3 cups water
- 1 cup raisins
- 1 cup dates, pitted and chopped
- 1 cup mixed nuts, chopped
- ¼ cup honey
- ¼ cup oil
- 1 teaspoon anise seed (optional)
- ½ teaspoon salt
- 4 to 4 ¼ cups whole wheat flour
- 1 cup millet flour
- ½ cup rye flour
- ½ cup soy flour
- ¼ cup milk powder

In a large bowl, soak oatmeal and apricots in water for 15 minutes. After soaking, add raisins, dates, nuts, honey, oil, anise, and salt. Stir well. Slowly add mixed flours and milk powder and mix well with hands. Turn out on floured board and knead about 150 times. Form into three small loaves and place on flat cookie sheet and let rest 10 minutes. Slit tops of loaves, brush lightly with oil and bake at 375° for 1 ½ hours. Cool well before packing.



COLD-MORNING WHEAT CEREAL

The dried fruit makes this cereal sweet, and the butter helps keep you warm. [Prepare in camp.]

- 1 cup cracked wheat
- ¼ cup milk powder
- ½ teaspoon salt
- handful raisins or pitted dates
- handful walnuts
- 2 tablespoons butter
- 4 cups water

Mix wheat, milk, butter, salt, and water. Bring to a boil, then simmer 10 to 15 minutes, stirring occasionally. Add fruit and nuts during last few minutes of cooking. For variety, add chopped, dried apples at the beginning of cooking. Serves 2.

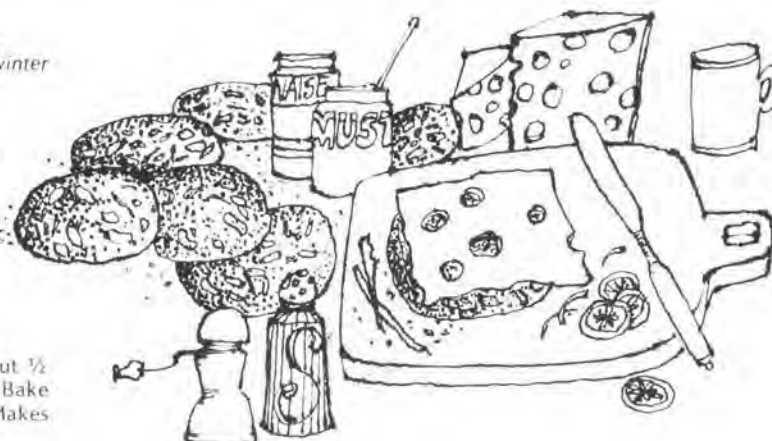


SPICY WINTER SQUASH CAKES

Crispy on the outside, soft on the inside. A good winter food, with spice to warm you up. [Prepare in camp.]

- 1 to 1 ½ cups cooked winter squash
- ½ cup dry garbanzo beans, soaked overnight and cooked
- ½ cup corn flour or whole wheat flour
- 1 ½ teaspoons cumin, ground
- 1 ½ teaspoons parsley flakes
- ½ teaspoon salt
- ½ teaspoon garlic granules
- ¼ teaspoon cayenne
- 1 teaspoon olive oil

Mix all ingredients well and form into patties (about ½ inch thick and 2 ½ inches across) on a cookie sheet. Bake at 375° for 30 to 40 minutes. Good with cheese. Makes about one dozen.



FISH PATTIES

[Prepare at home or in camp.]

- 1 6½-ounce can albacore or other fish or 1½ cup leftover cooked fish
- ¼ cup wheat germ
- ¼ cup milk powder
- ½ teaspoon basil or ¼ teaspoon dill weed
- 1 tablespoon oil, if using leftover fish
- 1 tablespoon water

Drain oil from canned fish into heating frying pan, or if using leftover fish, put 1 tablespoon oil in frying pan. Mix all ingredients in bowl. Form into 4 patties and pat wheat germ flakes on each side. Fry slowly, about 10 to 15 minutes, turning once. Sprinkle on lemon juice, if available, or make some mustard from dry powder. Serves 2.

Variation:

You may add leftover cooked grain to these patties and it will serve 4. Simply double the herb, add ¼ teaspoon salt, and add 1 tablespoon water (this will depend on the moistness of the grain). Follow as above and serve with soy sauce or mustard. You may also need to use more oil when cooking.



POTATO CAKES

Fresh potato flavor, good with hot mustard. [Prepare at home before trip.]

- 6 large raw potatoes, with peels, grated and drained
- 2 carrots, grated
- 2 onions, chopped
- 1 garlic clove, minced
- 2 eggs, beaten
- 3 tablespoons melted butter
- 2 teaspoons salt
- pinch cayenne
- ¼ to ½ cup whole wheat bread crumbs

Chop and grate vegetables into one bowl and drain. Stir in remaining ingredients. Mix with hands. Spread in 8-inch-square pan. Bake at 350° for 1 hour. Cut into squares; allow to cool. Wrap individually in wax paper.

MINISTRONE



[Assemble at home; prepare in camp.]

- ½ cup noodles
- ½ cup freeze-dried navy, pinto, or kidney beans
- ¼ cup tomato powder, or vegetable-broth powder
- ¼ cup Parmesan cheese, grated
- 2 tablespoons parsley flakes
- 1 tablespoon dehydrated spinach flakes (optional)
- 1 teaspoon onion flakes, or 1 small onion, chopped
- 1 teaspoon celery flakes
- 1 teaspoon salt
- 1 garlic clove, or 1/8 teaspoon garlic granules
- ½ teaspoon basil
- ½ teaspoon oregano
- 1 teaspoon olive oil or safflower oil
- 4 cups water

Bring water and oil to boil. Add all dry ingredients, and bring to boil again, stirring occasionally. Reduce heat and let simmer 10 minutes longer. Serves 2.

MUSHROOM BULGAR

[Assemble at home; prepare in camp.]

- 1¼ cups bulgar
- ¼ cup dried chopped mushrooms
- 2 tablespoons onion flakes
- 1 tablespoon dehydrated carrots
- 2 teaspoons vegetable seasoned broth powder
- 1 teaspoon celery flakes
- 1 teaspoon parsley flakes
- ½ teaspoon salt
- 1/8 teaspoon powdered savory
- 2 tablespoons oil
- 3 cups water

Saute all dry ingredients in oil for 5 minutes. Add water and bring to a boil. Cover and simmer 20 minutes longer. Serves 2 to 3.

BROWN RICE FLOUR PANCAKES

A light, mellow pancake. Good with sesame butter and honey, or maple syrup. [Prepare in camp.]

- 2 cups brown rice flour
- ½ cup milk powder
- 2 teaspoons baking powder (optional)
- ½ teaspoon salt
- 2 tablespoons honey
- ¼ cup oil
- 1 cup water

Combine dry ingredients. Mix in honey, oil, and water. Bake in moderately hot pan until browned on both sides and springy to the touch. Serves 2.

Sierra Club, 530 Bush St., San Francisco, Calif. 94108 Date _____

I have informed myself about the purposes of the Sierra Club and wish to support them. I hereby apply for membership and enclose \$_____ as total payment. (See schedule below.) Additional members other than spouse, please use separate forms.

Print Name(s) Mr.
Mrs.
Miss
Mr. & Mrs. _____

Print Mailing Address _____

Zip Code _____

Telephone Number _____ Birthdate _____

School (if student) _____

Signature of Applicant _____

Please allow four to six weeks for processing.

	Admission fee	Dues	Total
Life	*	\$400.00	\$400.00
Contributing	\$5.00	50.00	55.00
Supporting	5.00	25.00	30.00
Regular	5.00	15.00	20.00
with spouse	5.00	23.00	28.00
Junior (thru 14)	*	8.00	8.00
Student (thru 23)	*	8.00	8.00
with spouse	*	13.00	13.00
Senior (60 and over)	5.00	8.00	13.00
with spouse	5.00	13.00	18.00

Dues include subscription to the Sierra Club Bulletin (\$3.00), and chapter publications (\$1.00).

*Admission fee is waived for junior members, full-time students and life members.

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UNDERWATER EXPLORATION

The world ocean may be the last frontier, where man's future is decided. Less known than outer space, its fascination takes hold of all who look beneath its surface.

In five years, Underwater Exploration has grown 500%, from two to ten trips, evidence of the attraction of the sea.

Some snorkel and see much of the beauty that lies below. Others come to learn to scuba dive, to join those, already trained, who know what it is to move effortlessly among kelp forests or coral reefs, surrounded by schools of fish. Pausing, divers discover another world of invertebrate life. In the marine environments to be visited in 1976, these experiences will be repeated, with endless variations.

Trip leaders are YMCA or NAUI-certified scuba instructors. On trips which offer biology courses, leaders are professional marine biologists, as well. (Whenever possible, local experts are invited to spend a few days with each group, to lead discussions and conduct underwater field trips.) All staff are safety-trained and committed to conservation.

Any swimmer in good physical condition can take part, for trips are available at all levels of interest and skill. On most trips, applications must be approved by the leader (based on the background form attached to the General Supplement) to ensure safety and enjoyment.

Scuba may be used only by those holding certification from a nationally recognized agency, or students enrolled in the basic course offered on some trips. The course is demanding; both novices and experienced divers seeking certification must pass tests of skill and knowledge. The reward, however, is great.

Snorkeling gear must be brought or rented; scuba gear is usually supplied. Write for trip supplements for details. Prices for trips to Hawaii, and Samoa, Fiji, and Tonga, include air fare from California; others do not.

(265) Virgin Islands, June 19-July 1. Leader, Kent Schellenger, 19915 Oakmont Dr., Los Gatos, CA 95030.

The island of St. John, at the crossroads of Atlantic and Caribbean, is a U.S. National Park. There at the water's edge is a campsite, our base for several days. Good snorkeling and easy diving are at our doorstep. A basic scuba course is offered, and the setting is ideal. With hard work, students will soon join the experienced divers on all dives. We move then to St. Thomas and a small hotel, all our own, looking down on the sea. Fine snorkeling and diving continue over the colorful and prolific reefs.

(266) Lanai and Kona Coast, Hawaii—July 6-16. Leader, Lou Barr, Box 361, Auke Bay, AK 99821.

Camping on a lovely cove on the quiet island of Lanai, divers and snorkelers will find as much, or as little, to do as desired. Spectacular diving, including the famed cathedrals, lies nearby. The boat, compressor, and tanks at our disposal ensure ample bottom time. Good snorkeling and shallow diving are just offshore. Flying to Kona, we move into condominiums and dive from the trimaran *Fair Wind*. The contrast of the two widely differing island environments makes land excursions equally interesting.



Kent Schellenger. Third prize winner, Outing Committee 1975 photo contest.

(267) Kona Coast, Hawaii—July 31-August 11. Leader, Bob Sextro, 526 Pine Wood Ct., Los Gatos, CA 95030.

The Big Island's Kona coast is ideal for snorkeling or learning to scuba dive, and offers easy but rewarding diving for the more experienced certified diver. Colorful corals, tropical fish, and submarine lava formations will be our daily fare. Basic scuba students will be busy, but their efforts will soon pay off in an entry into the world reserved for divers. We stay in condominiums overlooking the Pacific, a short walk from our divers' trimaran. Excursions include overnight at Volcano National Park.

(268) Northern California Coast Ecology—August 15-21. Leader/Instructor, Steve Webster, 3202 Maddux, Palo Alto, CA 94303.

This is a camping/learning trip for ocean buffs, divers and non-divers alike, among the redwoods of the Sonoma-Mendocino coast north of San Francisco. Daily intertidal field trips and optional diving, as well as bird, mammal, and coastal bluff walks will be offered. Lectures will deal with subtidal, intertidal, bluff, and redwood areas. The

leader is a professor of marine biology. Visiting scientists and naturalists will talk in their fields of expertise.

(269) Catalina Island, Kelp Forest Biology, California—September 4-12. Leader/Instructor, Rob Spivack, Catalina Island School, Box 796, Avalon, CA 90704.

The kelp forest in relatively warm, clear, and shallow water is the setting. Biology instruction and daily diving comprise the trip; no background is necessary. The leader is an instructor of marine biology at a private school whose facilities, including dormitories, boats, and compressor, will be all ours. Non-divers, too, will enjoy the location on a quiet cove, with good snorkeling and swimming. Catalina is rugged and undeveloped, 23 miles from Long Beach. Price includes charter sea plane flight from Long Beach.

Foreign Underwater Exploration

(419) Galapagos Islands, Ecuador—May 6-29. Leader, Ann Gladwin, 526 Pine Wood Ct., Los Gatos CA 95030.

Living and sailing on the 63-foot ketch *Sulidae*, we dive into a world rarely seen even by scientists. Galapagos underwater offers tropical fish co-existing with sea lions, penguins and turtles, and the diving marine iguana. Daily diving is complemented by excursions across lava fields and into higher elevation. For divers with ocean experience, and at lower cost, accompanying non-divers. Trip includes a short stay in Quito, attractive capital of Ecuador.

(420) Grand Cayman, Tropical Reef Biology, British West Indies—June 4-15. Leader/Instructor, Rob

Spivack, Catalina Island School, Box 796, Avalon, CA 90704.

A diving-learning experience, for casual participation or college credit, this trip is designed for the certified diver anxious to know more. Instruction consists of illustrated discussions, underwater field trips, and covers biology, natural history, ecology, and identification of marine organisms. Leader is a private school teacher of marine biology. The site is a small divers' resort. Grand Cayman is an hour from Miami. Lower rates for non-divers.

(421) Grand Cayman, Tropical Reef Biology (Intermediate), British West Indies—June 16-27. Leader/Instructor, Steve Webster, 3202 Maddux, Palo Alto, CA 94303.

With the increasing popularity of the introductory course (#420 above) a sequel is added for alumni of previous biology trips or those with some background. It includes instruction in marine biology and participation in research projects, individual or collective. Daily diving will be oriented toward objectives determined by background and interests of participants. College credit can be obtained at slight extra cost. Non-divers are accepted at lower rates.

(423) Samoa, Fiji, and Tonga—July 7-27. Leader, Ann Gladwin, 526 Pine Wood Ct., Los Gatos, CA 95030.

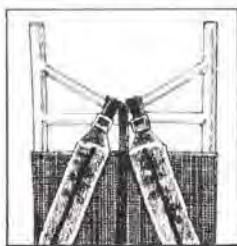
In Fiji, divers and snorkelers will stay in Suva and Lautoka, with daily excursions to the outer islands. Highlight will be a dive boat trip to Astrolabe, offering the best diving in Fiji. In Tonga, the pace will be leisurely. At present there are no scuba facilities, but fine snorkeling, sightseeing, and shopping. A brief visit to Western Samoa includes a stay at famed Aggie Grey's. Trip price includes air fare from the West Coast, with the possibility of extensions in Hawaii.

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5 Looking Back—a nostalgia trip to part of San Francisco's colorful past.

6 Under the Bridge—a potpourri of San Francisco happenings.

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12 Calendar of Events—a complete directory of events in the Bay Area.

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14 Books—a review of locally written and/or published books.

15 Wine—wine expert Robert Thompson gives you the best bets.

16 Art—insights to the local art scene.

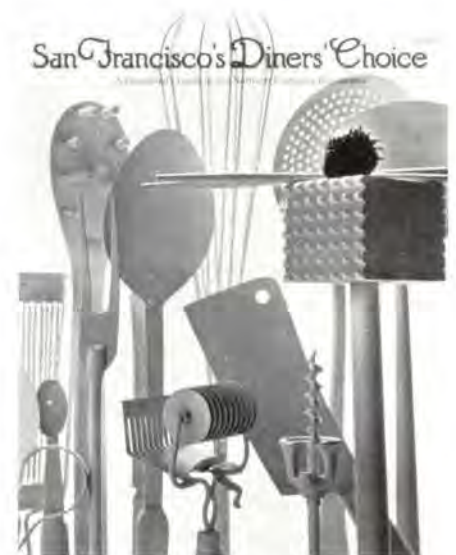
17 Recipes—an outstanding San Francisco chef presents his favorites.

18 Restaurants—an authoritative review of a particular group of restaurants.

19 Discoveries—the well-known Jack Shelton tells you where to find the most unusual.

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Outings and Conservation

Every Sierra Club trip is a lesson in practical conservation. Trip members, many of them new to the club, are given strong indoctrination into wilderness usage simply by observing how their leaders handle such commonplace problems as where to site a camp, where to build a fire, how to dispose of wastes, and so on. Most leaders supplement this with guided campfire discussion of conservation matters that pertain to the area being visited. Few can participate in our outings without being made aware of the club's conservation work.

More than this, for nearly twenty years the Outing Committee has sponsored Service Trips, on which club members clean up backcountry slums, rebuild trails; or more exotically clear out old airplane wrecks, and pack supplies into remote ranger outposts. The dedicated people who sweat over these tasks actually pay part of their own costs, with the Outing Committee, the Sierra Club Foundation, and others picking up the rest of the tab.

On another front, when the Outing Committee realized, several years back, that there was really no firm quantitative data available on the impact of humans in the wilderness, it commissioned a study of the matter. This was entrusted to Dr. H. Thomas Harvey and Dr. Richard J. Hartesveldt of San Jose State University at the cost of some tens of thousands of dollars of Outing Committee Club funds. The untimely death of Dr. Hartesveldt last spring has delayed publication of the final report. When published, however, it will contain a first scientific report of the effect our trips and those of others have on the wilderness in terms of waste disposal, damage to vegetation, and other factors. It will probably be extensively modified over the years, but it is a first, and costly, step.

Additionally, for years the Outing Committee has deliberately sent trips into places of especial conservation interest, to build up a body of informed members who could speak to these particular issues. As Tony Look, Outing Committee Conservation Chairman, has

written, "The Outing Committee has scheduled approximately 300 trips spanning the 1976 calendar. Of these 152 are into areas of special educational value, issue oriented or unprotected mountain systems. Another 19 or more of the 1976 outings will deal with the educational aspects of the location."

"Of special interest are some of the trips in this schedule. Note the family canoe trips to the Klamath River in Northern California. This area is the focal point of the controversial forest

of the Outing Committee all deal with conservation problems and educational features; especially significant is the study of the kelp forest biology of the Catalina Island led by Rob Spivack."

"The service trips are the stars of our conservation effort. This has been true every year since the 1950's when Fred Eissler started this program with his famous trip to clean up Bull Frog Lake in the Sierra. Reviewing the 1976 schedule reveals many places slated for clean up, trail maintenance and special proj-



Tony Look, Outing Conservation Committee Chairman



Filtering water sample to check for coliform bacteria



Aquatic sampling on Selway River KnapSack Trip 1975

practices in the primeval redwood forests adjoining Redwood National Park. A high-light trip is going to the Ashley Forest in the High Uintas Primitive Area of Utah in July. Discussions here will deal with primitive area vs. wilderness classification and the protection afforded by each. Charles Engberg will explore the problems of the Bridger Wilderness area. A photography knapsack trip in July will visit the Silver Peak area in the Sierra to record conservation problems during their time in the mountains. Another knapsack trip will explore the Natural History of the Eastern Escarpment in the Sierra. Many of the foreign trips are especially important for an exchange of conservation ideas. (This is a directive to the Spring Trip to Japan from the Board of Directors on the whaling issue.) For aquatic travellers the trips by the Underwater Exploration subcommittee

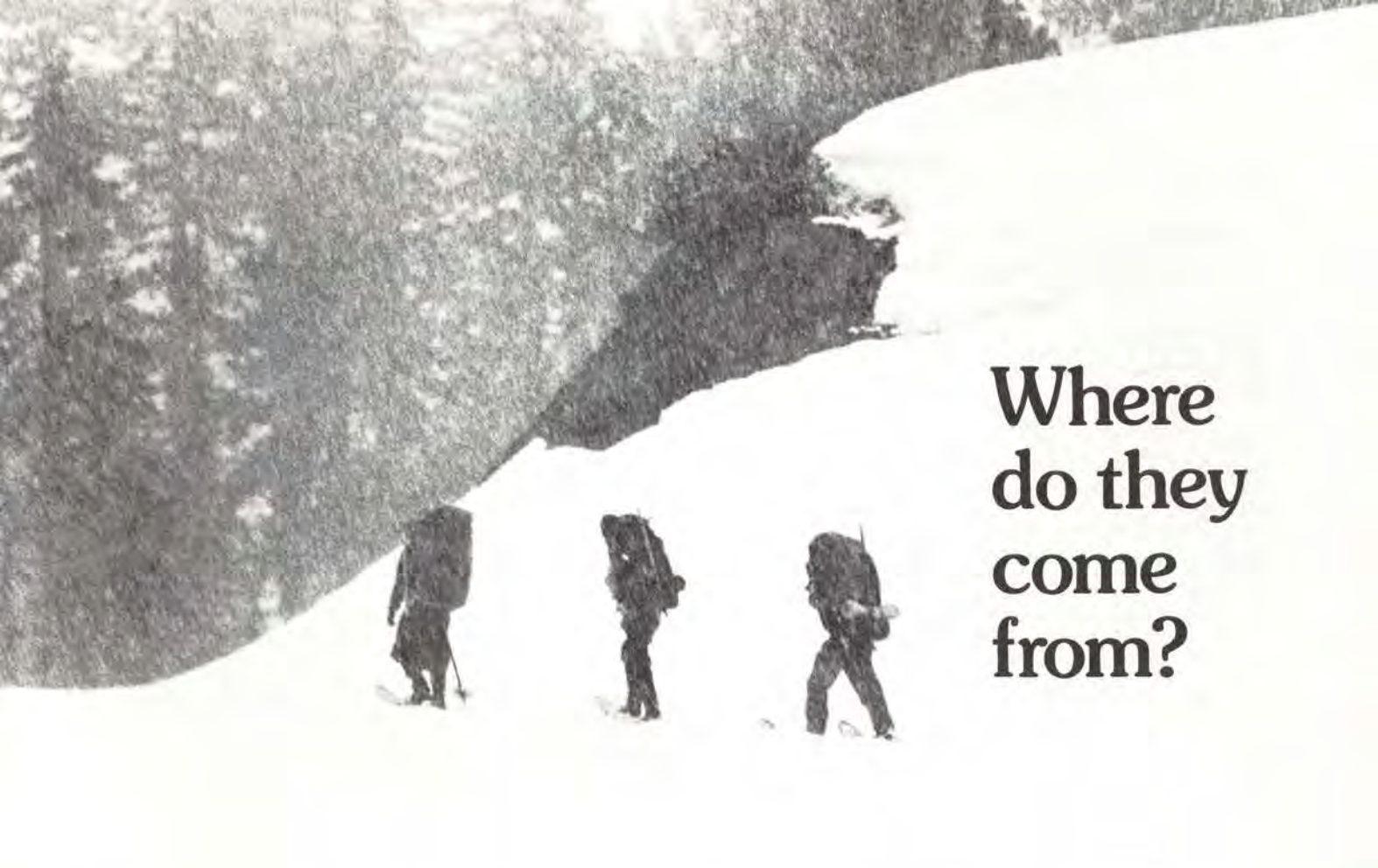
ects. A special project in the Siberian Outpost Meadow of Sequoia Park will re-seed the trail as well as install check dams along old trails. Another special project in the Lewis and Clark Forest, Montana will inventory fire fuel and assist in a trail survey with the Feather Woman Wilderness Trail crew."

"And for good measure, most of the trip leaders on all 300 outings will have material on conservation matters of concern to the Sierra Club. You can participate by joining in the campfire discussions. Better yet, come prepared with the facts of a project of your special interest and inform your fellow trip members."

Lastly this, although our club outings are not designed to make money, good management has over the years accumulated a surplus of several hundred thousand dollars, which has been diverted into the club's general fund.

Trail maintenance work in Sierra National Forest





Where do they come from?

Today there are millions of them—booted, sunburned, going out from the frantic cities, out to the mountains, or the rivers, or the vivid desert canyons. Going out. Or maybe it's going *back*: back to the unchanged original places—back to the wilderness, or what is left of it.

This is a good thing to see. It signals a shift in values. And it means that America's wilderness—such as remains—will have that many more defenders: allies it desperately needs.

But no great change is without its problems, and the problems here are not to be ignored. This sudden crowd of friends—can the wilderness absorb it, and still be wilderness?

Even the innocent hiker, striding out under his pack, can be a burden on the fragile land. If one is knowing and cares, a very light burden indeed. But if careless, misinformed, or simply unaware, a very heavy one.

Picture a mountain lake: a perfect meadow around it. One party pitches tents along the shore. No damage done. But another follows, and another, and another, and over time a thousand. And finally where the grass was green you see something like a pockmarked desert.

Already in too many places, the signs are there. The rutted trails. The living wood cut down for smokey fires. Pollution. Litter. Scars where no scars should be. And something else, perhaps: the end of solitude.

It happens, but it doesn't need to happen. We *can* learn to go lightly, go gently, in wild places. The principles are few enough and simple: if a place is crowded—a place that everyone knows, where everyone goes in August—we can stay away. There are other fine places—and other months of the year.

We can give a little thought to what we do: where we camp, what we take: no casual, careless damage. The wilderness can't change—not much—and still be wilderness: but it's easy enough for us to "unlearn" some of our damaging habits.

And what can we lose? The wild places are ours, and ours to care for. And there is a very special pride in GOING LIGHT; in knowing how to pass—to leave no trace, no trash, no scar behind.

Sierra Club



Categories	Admission fee	Dues	Total
<input type="checkbox"/> Contributing	\$5.00	\$50.00	\$55.00
<input type="checkbox"/> Supporting	5.00	25.00	30.00
<input type="checkbox"/> Regular	5.00	15.00	20.00
<input type="checkbox"/> Regular with spouse	5.00	23.00	28.00
<input type="checkbox"/> Student	*	8.00	8.00
<input type="checkbox"/> Student with spouse	*	13.00	13.00
<input type="checkbox"/> Senior (60 and over)	5.00	8.00	13.00
<input type="checkbox"/> Senior with spouse	5.00	13.00	18.00

**Admission fee waived*

Please enter a membership at the rate checked above for:

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If you are giving this membership as a gift, please furnish us with your name and address, and check here if you would like to be billed for renewal.

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1976 SIERRA CLUB OUTINGS

Trip Number	Date	Trip Cost (incl. Deposit)	Deposit	Leader	
ALASKA					
50	Admiralty Island High Country Knapsack	June 20-27	290	50	Sandy Sagalkin
51	Alaska Wildlife to Hawaii Greenery	June 22-July 8	450*	50	Bill Huntley
52	Admiralty Island Canoe Trip	July 11-18	340	50	Jon Tillinghast
54	Glacier Bay, West Chichagof Boating-Hiking	July 11-24	475	50	Chuck Johnstone
55	Gates of the Arctic Knapsack-Raft	July 25-Aug. 14	465	50	Wilbur Mills
56	Lake Clark Knapsack Trip	Aug. 2-22	420	50	c/o Gus Benner
57	Glacier Bay, West Chichagof Boating-Hiking	Aug. 15-28	475	50	Chuck Johnstone
*Alaska-Hawaii triangular air fare not included.					
BASE CAMP (Other Base Camps are listed under: Wilderness Threshold (family base camps), Alaska, Ski, Canoe)					
30	Natural History of Anza-Borrego Desert, California	April 11-17	150	25	Ray Des Camp
60	Cinnamon Bay, St. John Island, U.S. Virgin Islands	June 12-26	175	25	Fred Sawyer
61	Talchako Lodge, Tweedsmuir Park, B.C., Canada	June 16-26	205	25	Gary Tepfer
62	Natural History of the Mono Basin, Sierra	June 19-26	155	25	Ray Des Camp
63	McGee Creek, John Muir Wilderness, Sierra	July 4-11	135*	25	Steve Devoto
64	Midnight Lake Mountaineering Camp, Inyo, Sierra	July 10-24	225	25	Sy Ossosky
65	McGee Creek, John Muir Wilderness, Sierra	July 11-18	135*	25	Perry Harris
66	Sierra Nevada Natural History, Sequoia Park, Sierra	July 11-23	230	25	Bob Miller
67	Granite Park Alpine Camp, John Muir Wilderness, Sierra	July 18-30	215	25	Emily Benner
68	Seven Gables Back Country Camp, Sierra	July 24-Aug. 7	275	25	Ray Des Camp
69	Rush Creek Alpine Camp, Minarets Wilderness, Sierra	July 25-Aug. 6	215	25	Dick May
70	Fernandez Pass, Minarets Wilderness, Sierra	July 25-Aug. 6	215	25	Ed Miller
71	Summit Lake, Yosemite Park, Sierra	July 25-Aug. 6	215	25	Jerry Fritzke
72	Necklace Lakes Alpine Camp, Bob Marshall Wild., MT	July 29-Aug. 10	230	25	Bob Kroger
73	Rangeley Lakes, Maine	Aug. 1-7	130	25	Ted Reifenstein
74	Ruby Mountains, Humboldt Forest, Nevada	Aug. 7-14	145**	25	Joanne Barnes
75	Necklace Lakes Alpine Camp, Bob Marshall Wild., MT	Aug. 11-23	230	25	John Swanson
76	Ruby Mountains, Humboldt Forest, Nevada	Aug. 14-21	145**	25	Joanne Barnes
77	Merriam Creek Back Country Camp, Sierra	Aug. 14-28	275	25	Bob Cockrell
78	Summer Island Hopping, Maine	Aug. 15-21	210	25	Gerry Ireland
79	Hooper Lake Alpine Camp, Sierra Forest, Sierra	Aug. 15-27	215	25	John Freiermuth
80	Canyonlands: Wilderness Camp, Utah	Sept. 13-23	330	25	Betty Osborn
81	Death Valley Christmas Camp, California	Dec. 19-28	170	25	Dick May
82	Organ Pipe Cactus Monument Natural History Trip, AZ	Dec. 19-28	185	25	c/o Ray Des Camp
*Children under 12 \$115.					
**Children under 12 \$125.					
BICYCLE					
86	Eco-Cycling, S.E. Minnesota-W. Wisconsin	June 13-27	190	25	Elizabeth Barnard
87	Maui, Hawaii	July 8-22	565*	25*	Paul Williams
88	Kauai, Hawaii	July 26-Aug. 9	560*	25*	John Biestman
89	Oregon Trail, Western Nebraska	Sept. 12-25	205	25	Faye Sitzman
*Per person deposit; includes Hawaii round-trip air fare.					
BURRO (Other Burro trips are listed under: Family Burro)					
26	Panamint Mountains, California	Mar. 29-Apr. 4	155	25	Dan Holmes
28	Death Valley, California	April 4-10	155	25	Jack McClure
90	South Warner Wilderness, Northern California	July 10-16	165	25	Doug Parr
91	McGee Lakes, John Muir Wilderness, Sierra	July 18-25	170	25	Tom Pillsbury
92	Parker Pass, Yosemite Park, Sierra	July 18-25	170	25	Don White
93	Margaret Lakes, John Muir Wilderness, Sierra	July 25-Aug. 7	270	25	Ted Bradfield
94	Pioneer Basin, Inyo Forest, Sierra	Aug. 7-20	270	25	Doug Parr
95	The Recesses, John Muir Wilderness, Sierra	Aug. 22-29	170	25	Randall Rasicot
FAMILY TRIPS (Other trips with family rates are listed under: Hawaii and Base Camps)					
Wilderness Threshold					
			Parents Each and one addl. child child		
100	Gila Wilderness, New Mexico	June 27-July 2	290 & 95	25	Marty & Bill Poston
101	Gila Wilderness, New Mexico	July 3-9	290 & 95	25	Ann & Jerry Kalman
102	Shadow Lake, Eldorado Forest, Sierra	July 24-31	310 & 80	25	Linda Dillon & Bob Odland
103	Sawtooth Mountains, Sawtooth Forest, Idaho	July 28-Aug. 4	395 & 90	25	Julianne & Bob Jones
104	Three Sisters Wilderness, Oregon	Aug. 4-11	395 & 90	25	Nancy & Jim McDonald
105	Sawtooth Mountains, Sawtooth Forest, Idaho	Aug. 4-11	395 & 90	25	Sally & Sandy Small
106	Beck Lakes, Inyo Forest, Sierra	Aug. 4-11	350 & 85	25	Linda & Ed Best
107	Virginia Canyon, Yosemite Park, Sierra	Aug. 7-14	350 & 85	25	Mimi & Don Curtin
110	Three Sisters Wilderness, Oregon	Aug. 11-18	395 & 90	25	Marci & Bud Thomas
111	Beck Lakes, Inyo Forest, Sierra	Aug. 14-21	350 & 85	25	Bliss & Allen Ream

1976 SIERRA CLUB OUTINGS

<i>Trip Number</i>	<i>Date</i>	<i>Trip Cost (Incl. Deposit)</i>	<i>Deposit</i>	<i>Leader</i>	
112	Virginia Canyon, Yosemite Park, Sierra	Aug. 14-21	350 & 85	25	Bette & Don Goodrich
113	Dorothy Lake, Inyo Forest, Sierra	Aug. 14-21	350 & 85	25	Kay & Ben Andersen
114	Dorothy Lake, Inyo Forest, Sierra	Aug. 21-28	350 & 85	25	Ann & Doug Christensen
Family Burro (Other Burro Trips are listed under Burro.)					
116	Humphreys Basin, John Muir Wilderness, Sierra	Aug. 3-11	325 & 80	25	Ellie & Jim Gayner
Family Canoe (Other Canoe trips are listed under Water-Canoe)					
117	Main Eel River Teen-Age Trip, Northern California	June 30-July 6	320 & 80	25	Barbara & Bill Bair
118	Rogue River Teen-Age Trip, Oregon	July 24-30	405 & 100	25	Stan Young
119	Klamath River Teen-Age Trip, Northern California	Aug. 2-8	395 & 100	25	Janet & Dan Clinkenbeard
120	Klamath River Teen-Age Trip, Northern California	Aug. 17-23	395 & 100	25	Louisa Arndt
Family Knapsack (Other Knapsack trips are listed under Knapsack, Junior Knapsack)					
122	Alaska Basin Teen-Age Trip, Teton Range, Wyoming	Aug. 23-Sept. 4	420 & 100	25	Carol & Howard Dienger
FOREIGN 1976* (Trip price subject to change; does not include air fare)					
425	Tasmania & New Zealand	Jan. 31-Mar. 6	1575	50	Al Schmitz
410	Galapagos Islands, Ecuador	Jan. 28-Feb. 21	1250	50	H. Stewart Kimball
415	Kenya Saddle & Game Viewing Trip	Jan. 29-Feb. 21	1475	50	c/o Al Schmitz
430	Trisuli-Gatlang Valleys, Nepal	Mar. 20-Apr. 14	1225	50	Bob Stout
438	A Spring Outing to Japan	Apr. 17-May 16	1275	50	Tony Look
439	Spain: Central Pyrenees	June 27-July 16	770	50	Lewis Clark/Aurora Dorado
445	Northern Frontier District, Kenya	July 1-28	1450	50	c/o Al Schmitz
460	Indonesia: Java, Bali, Sulawesi	July 1-Aug. 5	1000	50	Ray Simpson
447	Walking in Norway	July 3-20	525	50	Betty Osborn
448	Austrian & Swiss Alps (2 Groups of 15)	July 17-Aug. 2	500	50	Brad Hogue/ Wayne Woodruff
475	Hiking & Canoeing in Sweden & Swedish Lapland	July 22-Aug. 12	745	50	Mary & Ross Miles
480	Greenland	Aug. 2-17	500	50	Jim Watters
478	Angel Falls, Venezuela	Aug. 5-21	1750	50	Terry Davis
450	Galapagos Islands, Ecuador	Aug. 11-Sept. 4	1200	50	Betty Osborn/Salem Rice
481	Israel & the Sinai Desert	Aug. 23-Sept. 23	1000	50	Ron Eber
483	Walking in Wales	Sept. 4-19	525	50	Lori & Chris Loosley
485	Netherlands Afoot and Afloat	Sept. 7-21	550	50	Ellis & Margaret Rother
510	Kenya Mountains to the Sea	Sept. 30-Oct. 22	1600	50	Al Schmitz
515	Ganesh Himal-Gurka Himal, Nepal	Oct. 2-Nov. 6	1375	50	Edith Reeves
520	Pokhara to Jumla, Nepal	Oct. 30-Dec. 5	1450	50	John Edginton
525	Natural History Trek through Kathmandu Valley, Nepal	Nov. 18-Dec. 11	900	50	Dr. Robert S. Fleming/ Al Schmitz
530	Hoggar Mountains Camel Caravan, Southern Algeria	Nov.-Dec. (3 wks)	1350	50	c/o Al Schmitz
540	Polynesian Christmas: Fiji, Tonga, Tahiti	Dec. 10-Jan. 7	900	50	Ann Dwyer
*Per person deposit.					
1977 FOREIGN TRIPS*					
550	Guatemalan Archaeology and Jungle	Jan. 3-20		50	Ellis Rother
555	Galapagos, Ecuador-Falkland Islands, So. Atlantic	Jan. (28 days)		50	Harold Seielstad
560	Chile	Jan.-Feb.		50	Stewart Kimball
565	Baja Hiking-Driving Adventure	Jan. 24-Feb. 6		50	Betty Osborn
580	Trisuli Valley Natural History Trek, Nepal	March (3 weeks)		50	Stuart Dole
585	Kathmandu Valley Leisure Natural History Trek, Nepal	March 4-26		50	Dr. Robert S. Fleming/ Al Schmitz
590	Mideast	April 1-24		50	Mike Maule
595	Scottish Highlands	June (2-3 weeks)		50	Tony Look
600	Galapagos Islands, Ecuador	June-July		50	c/o Howard Mitchell
603	Land of the Sun Kings, Peru	June-July (4 weeks)		50	Ray Des Camp
605	France: The Alps to the Mediterranean	Early July (2 weeks)		50	Lynne & Ray Simpson
610	Hindu Kush Himalaya Trek, Pakistan	July		50	Peter Owens
620	Yugoslavia-Mountains and Sea Coast	July-Aug. (22 days)		50	Ross Miles
625	Northern Kenya	Summer		50	Al Schmitz
630	Zambia	Summer		50	Al Schmitz
636	Galapagos Islands, Ecuador	August		50	c/o Howard Mitchell
638	Southern Norway Trek	Summer (18 days)		50	John Ricker
650	Australia: Down Under	Sept. (4 weeks)		50	Ann Dwyer
700	Annapurna Circle, Nepal	October		50	Norton Hastings
705	Makalu to Everest, Nepal	Oct.-Nov.		50	Doug McClellan
710	Mexico, Glimpses of Past & Present	Nov.-Dec. (4 weeks)		50	Ray Des Camp
*Per person deposit; prices to be announced.					

1976 SIERRA CLUB OUTINGS

Trip Number	Date	Trip Cost (Incl. Deposit)	Deposit	Leader
HAWAII* (Other Hawaii Trips are also listed under: Alaska, Bicycle, Underwater Exploration)				
29	Springtime on Lanai	April 9-18	525**	25 Lynne & Ray Simpson
124	Maui-Lanai Family Trip	June 21-July 5	590***	25 Pat & Howie Davis
125	Island of Hawaii	Aug. 9-19	555****	25 Jim Dodds
126	Island of Hawaii (Mele Kalikimaka)	Dec. 20-29	545†	25 Wes Farrand
127	Oahu, The Windward Side	Dec. 27-Jan. 3	445††	25 Walt Weyman
*Per person deposit; includes Hawaii round-trip air fare.				
**Children 5 to 12; \$425; Hawaii residents \$225.				
***Children under 12 \$490; Hawaii residents \$290.				
****Children under 12 \$455; Hawaii residents \$255.				
†Children under 12 \$445; Hawaii residents \$245.				
††Children under 12 \$345; Hawaii residents \$145.				
HIGH-LIGHT (Other High-Light Trips are listed under Alaska, Foreign)				
22	Desert Ecology, Baja California, Mexico	Feb. 6-17	280	25 John Ricker
25	Natural History of Death Valley Desert Region, CA	March 28-April 3	150	25 Norm Kindig
32	Thunder River-Kanab Canyon, Grand Canyon, Arizona	April 25-May 7	210	25 Allen Malmquist
132	Pecos Wilderness, S. Sangre de Cristo Range, NM	June 20-July 1	300	25 Les Albee
133	High Uintas Primitive Area, Ashley Forest, Utah	July 5-16	290	25 Allen Malmquist
134	Northern Yosemite, Sierra	July 10-24	345	25 Stuart Dole
135	Humphreys Basin, Sierra	July 22-30	205	25 Serge Puchert
136	Lower Minam River, Willowa Mountains, Oregon	July 24-31	225	25 Ruth Ann & Jim Angell
137	Geology of Mt. Regions, N. Fork San Joaquin, Sierra	July 29-Aug. 5	220	25 Marsh Pitman
138	Green River Lakes Loop, Bridger Wilderness, Wyoming	Aug. 2-13	370	25 Charles Engberg
139	Pioneer Mountains, Beaverhead Forest, Montana	Aug. 15-22	220	25 Charles Schultz
140	Island Lake Loop, Bridger Wilderness, Wyoming	Aug. 16-27	350	25 Allen Malmquist
141	Western Slope of the Tetons, Idaho-Wyoming	Aug. 21-31	305	25 Blaine Le Cheminant
142	San Juan Wilderness, Colorado	Sept. 5-17	335	25 Stuart Yaffe
143	Glacier Ridge Circle, Sierra	Sept. 11-18	200	25 Donald Parachini
144	Horseshoe Canyon, Utah	Sept. 20-25	250	25 Don Lyngholm
145	Pine Valley Mountains, Utah	Sept. 25-Oct. 2	220	25 Ray Des Camp
146	Canaan Mountain, Utah	Oct. 2-9	200	25 Allen Malmquist
147	Superstition Wilderness, Arizona	Dec. 27-Jan. 1	150	25 Les Albee
KNAPSACK TRIPS (Other Knapsack Trips are listed under: Alaska, Family Knapsack, Service)				
33	Baja Traverse, Mexico	Feb. 13-21	210	25 Tom Erwin
34	Desert Ramble, Superstition Wilderness, Arizona	March 7-13	80	25 John Peck
36	Mazatzal Wilderness, Arizona	March 20-27	80	25 Dave Mowry
37	Tanner-Hance Trails, Grand Canyon, Arizona	March 28-April 3	90	25 Jim DeVeny
38	Grand Canyon, Arizona	April 4-10	80	25 Lester Olin
39	Ottoman Amphitheater, Grand Canyon, Arizona	April 11-16	110	25 Bob Madsen
40	South Bass Trail to Tapeats, Grand Canyon, Arizona	April 17-24	140	25 Tom Pillsbury
41	San Rafael Ecological Traverse, Los Padres, California	April 24-30	95	25 Mary Coffeen
42	Sierra de San Pedro Martir, Baja, Mexico	May 16-22	90	25 Tom Pillsbury
43	Mystery Canyon, Utah	May 22-29	100	25 Frank Nordstrom
44	Escalante Canyon, Utah	May 24-June 4	160	25 Tom Pillsbury
152	Carson to Sonora Passes, Sierra	June 5-12	75	25 Matt Hahne
153	Smuggler's Notch Leisure, Vermont	June 6-13	85	25 Duncan Bailey
154	La Garita Wilderness-Wheeler Geological Area, Colorado	June 21-26	105	25 Oz Hawksley
155	Auyuituq Park, Baffin Island, Canada	June 21-July 9	865**	25 Peter Harper
156	Cruces Basin Leisure, Carson Forest, New Mexico	June 24-30	140	25 John Colburn
157	South Sierra Scramble, Sierra	June 26-July 6	150	25 Bill Colvig
158	Kern Country Traverse (West), Sierra	June 27-July 9	115	25 Mary Coffeen
159	Kern Country Traverse (East), Sierra	June 27-July 9	115	25 Charles Engberg
160	Observation Peak, Kings Canyon Park, Sierra	July 1-9	85	25 Bud Siemens
161	Bighorn Lake Leisure, Mt. Zirkel Wilderness, Colorado	July 8-15	100	25 Bob Berges
162	Cloud Canyon Geology, Kings Canyon Park, Sierra	July 9-19	140	25 Sandy Knapp
163	Seven Gables Lake, Sierra	July 10-18	80	25 Gary & Leslie Young
164	Mount Zirkel Wilderness North, Colorado	July 11-17	110	25 Dave Schalk
165	Adirondack Forest Preserve, New York	July 11-17	80	25 Walter Blank
166	Mount Holy Cross, Colorado	July 11-17	100	25 Bill Murphy
167	Blossom Lakes, Sequoia Park, Sierra	July 12-19	75	25 Ray Collins
168	Granite Hot Springs, Teton Forest, Wyoming	July 15-21	105	25 Bob Wilkinson
169	Cirque Crest, Kings Canyon Park, Sierra	July 15-24	90	25 Jerre Sears
170	Susquehannock Trail, Pennsylvania	July 17-25	115	25 Tom Thwaites
171	Trans-Cascade, Glacier Peak Wilderness, Washington	July 18-30	150	25 Dave Corkran
172	Mount Lindsey, Sangre de Cristo Range, Colorado	July 19-28	110	25 Bob Berges
173	Bridger Wilderness, Wind River Range, Wyoming	July 19-30	145	25 Janna Naylor
174	Elkhart Park, Bridger Wilderness, Wyoming	July 21-30	145	25 Charles & Virgene Engberg

1976 SIERRA CLUB OUTINGS

Trip Number	Date	Trip Cost (incl. Deposit)	Deposit	Leader	
175	Silver Peak Photography, Sierra	July 23-Aug. 1	115	25	Tom Amneus
176	Logan Pass to St. Marys Falls, Glacier Park, Montana	July 24-31	185	25	Tom Pillsbury
177	Blackcap Basin Loop, Sierra	July 24-31	75	25	Chet Williams
178	Mount Huron, Collegiate Peaks, Colorado	July 24-Aug. 1	105	25	Jan Robertson
179	Natural History of the Eastern Escarpment, Sierra	July 24-Aug. 1	105	25	Mary Coffeen
180	Bicentennial Trip, Appalachian Trail, Maine	Aug. 1-7	105	25	Frank Roberts
181	Southern Wyoming Range, Bridger Forest, Wyoming	Aug. 2-8	125	25	Oz Hawksley
182	Eagle-Minam, Eagle Cap Wilderness, Oregon	Aug. 2-12	110	25	Jane Rondthaler
183	Olympic Peninsula, Washington	Aug. 3-12	160	25	Molly Reeves
184	Rainbow Mountains, Tweedsmuir Park, B.C., Canada	Aug. 4-14	145	25	Gary Tepfer
185	Baxter State Park, Mt. Katahdin, Maine	Aug. 8-14	110	25	Hank Scudder
186	Big Baldy-Pistol Creek, Idaho Primitive Area, Idaho	Aug. 8-21	155	25	Arthur Beal
191	Wyoming Leisure, Bridger Forest, Wyoming	Aug. 9-14	95	25	Paul Turner
192	Kern-Kaweah Country, Sequoia-Kings Canyon, Sierra	Aug. 10-20	110	25	Phil Gowing
193	Tchaikazan Valley, Coast Mountains, B.C., Canada	Aug. 11-23	250*	25	Tom Erwin
194	Flat Tops Primitive Area, Colorado	Aug. 16-27	155	25	Janna Naylor
195	Beartooth High Lakes, Montana	Aug. 17-27	120	25	Bob Madsen
196	Caribou Mountain, Tweedsmuir Park, B.C., Canada	Aug. 18-28	150	25	Gary Tepfer
197	Needle Mountains, San Juan Wilderness, Colorado	Aug. 21-28	105	25	Trevor Berrington
198	Unicoi Mountains, Slickrock Wilderness, N.C.-Tenn.	Aug. 22-28	140	25	Lincoln Roberts
199	Meadow Lake, Tahoe Forest, Sierra	Aug. 23-29	70	25	Serge Puchert
200	Sierra Crest: Mount Abbot to Red Slate Mtn., Sierra	Aug. 23-Sept. 3	100	25	Jim Skillin
201	Rambaud Creek, Kings Canyon Park, Sierra	Aug. 25-Sept. 5	110	25	Gordon Peterson
202	Trinity Alps Art, Northern California	Sept. 3-11	130	25	Ellen Howard
203	Bench Valley-Blackcap Basin, Sierra	Sept. 7-15	80	25	Ralph Huntton
204	Cherry Creek Leisure Trip, Emigrant Basin, Sierra	Sept. 11-19	80	25	Ed & Helen Bodington
205	Triple Divide Peak, Yosemite, Sierra	Sept. 13-23	105	25	Burwell Taylor
206	Huckleberry Lake Leisure Trip, Sierra	Sept. 18-26	80	25	Anneliese & Ken Lass
207	Paria Canyon, Arizona-Utah	Sept. 25-Oct. 1	90	25	Tim Ryan
208	North Kaibab/Clear Creek, Grand Canyon Park, Arizona	Oct. 16-23	105	25	Don Campbell
209	Buffalo River Wilderness, Arkansas	Oct. 17-23	100	25	Bill Bates
210	Sea Islands Leisure Trip, Georgia	Dec. 26-Jan. 2	195	25	Steve Johnson
211	Grand Canyon, Arizona	Dec. 27-Jan. 1	90	25	Lester Olin

*Includes air flight from Williams Lake.

**Includes round-trip air fare from Montreal.

JUNIOR KNAPSACK

215	Bonnie Lake Loop, Sierra Forest, Sierra	June 16-22	70	25	Lynne McClellan
216	Marble Mountains, Klamath Forest, Northern California	June 20-30	105	25	Patrick Colgan
217	Bonnie Lake Loop, Sierra Forest, Sierra	June 24-30	70	25	Lynne McClellan
218	Lion Rock, Sequoia Park, Sierra	June 24-July 2	90	25	Frances Cleveland
219	Painted Dunes, Lassen Park, Northern California	July 4-11	80	25	Norm Weeden
220	Koip Crest, Ritter Range, Yosemite/Inyo, Sierra	July 8-15	80	25	Elliott Smith
221	Sawtooth Ridge, Yosemite Park, Sierra	July 12-20	100	25	Dave Neumann
222	Mount Goddard, Sierra Forest-Kings Canyon, Sierra	July 21-31	100	25	Bruce Ellisen
223	Palisades West, Kings Canyon Park, Sierra	July 26-Aug. 3	95	25	Dave Neumann
224	Whorl Mountain, Yosemite, Sierra	July 26-Aug. 3	105	25	Ann Peterson
225	Mount Darwin, Kings Canyon Park, Sierra	Aug. 2-9	80	25	Raleigh Ellisen
226	Arrow Peak, Kings Canyon Park, Sierra	Aug. 6-15	100	25	Vicky & Bill Hoover
227	Slide Mountain, Yosemite Park, Sierra	Aug. 15-22	85	25	Ellen & Jim Absher

SADDLE-LIGHT (Other Horseback Trips are listed under: Foreign, Water-River Raft)

228	Stony Creek-Canadian Rockies, Banff, Alberta, Canada	July 13-18	345	25	Neil Jones
229	Stony Creek-Canadian Rockies, Banff, Alberta, Canada	Aug. 10-15	345	25	Kathy Jones

SERVICE TRIPS*

Clean-Up Projects

230	Cottonwood Lakes Wilderness Restoration, Sierra	July 1-10	50	25	Alan Schmierer
231	Kearsarge Lakes, Kings Canyon Park, Sierra	July 12-21	50	25	Kelly Runyon
233	Sweetwater Gap, Warbonnet Peak Backpack, Wyoming	July 18-29	55	25	Alan Schmierer
234	Atwood Lakes, High Uintas, Utah	Aug. 2-11	50	25	Steve Silverman
235	Slickrock Wilderness, Nantahala Forest, N.C.	Aug. 15-21	50	25	Ann Fraser
236	Lake Colden Backpack, Adirondacks, New York	Aug. 21-28	50	25	Philip Titus
237	Parker Lake Airplane Wreck Backpack, Inyo, Sierra	Aug. 25-Sept. 4	55	25	Kelly Runyon

Special Projects

35	Hells Canyon of Snake River, Knapsack-Float, OR-ID	March 20-27	50	25	Don Coppock
239	The Olympic Sherpa, Washington	July 2-30	65	25	Chris Crane
240	Siberian Outpost Meadow Restoration, Sequoia, Sierra	July 25-Aug. 7	60	25	Kevin Ahern

1976 SIERRA CLUB OUTINGS

Trip Number		Date	Trip Cost (Incl. Deposit)	Deposit	Leader
241	Feather Woman Wilderness Trail Crew, Montana	Aug. 2-21	65	25	Alan Schmierer
242	The Olympic Sherpa, Washington	Aug. 2-30	65	25	Mary Hall Reno
243	Olympic Park Research Project, Washington	Aug. 13-22	55	25	Kevin Ahern
Trail Maintenance Projects					
244	Cranberry Back Country, Monongahela Forest, W. Va.	June 19-26	50	25	Nan & Dave Porterfield
245	Pacific Crest Trail, Tahoe Forest, Sierra	June 30-July 9	50	25	Peter Friedman
246	Renshaw Lake, Sun River District, Montana	July 2-11	50	25	Bill Bankston
247	Tyee-George Lake, John Muir Wilderness, Sierra	July 6-15	50	25	Steve Silverman
248	Renshaw Lake, Sun River District, Montana	July 13-22	50	25	John Eibert Jr.
249	Steelhead Lake, John Muir Wilderness, Sierra	July 18-27	50	25	Steve Silverman
250	Harrison Lake, Selkirk Range, Kaniksu Forest, Idaho	July 18-27	50	25	John Kassel
251	Deep Creek, Teton Ranger District, Montana	July 25-Aug. 3	50	25	Melissa Brown
252	Mirror Lake, Spanish Peaks, Montana	Aug. 3-12	50	25	John Kassel
253	Moose Creek, Selway-Bitterroot Wilderness, Montana	Aug. 7-16	50	25	Melissa Brown
254	Huckleberry Ridge, Teton Wilderness, Wyoming	Aug. 15-24	50	25	Bill Bankston
255	Collegiate Peaks, Pike-San Isabel Forest, Colorado	Aug. 24-Sept. 2	50	25	John Stansfield
256	Seven Lakes Basin, Olympic Park, Washington	Aug. 25-Sept. 3	50	25	Kevin Ahern
260	Superstition Wilderness, Arizona	Dec. 27-Jan. 2	50	25	Rodney Ricker

*Per person deposit.

SKI TOURING

20	Ski Touring Clinic, Steamboat Springs, Colorado	Jan. 11-16	50	25	Sven Wiik
21	Adirondack Ski Tour & Mountaineer Base Camp, NY	Feb. 1-7	125	25	Walter Blank
23	Cross-Country Ski, Rocky Mountain Park, Colorado	Feb. 8-13	85	25	Kurt Newton
257	Northern Colorado Wilderness Ski Tour	Dec. 27-Jan. 2 '77	125	25	Laurent Gaudreau
258	Ski Touring Clinic, Steamboat Springs, Colorado	Jan. 9-14 '77	55	25	Sven Wiik
259	Superior-Quetico Ski & Snowshoe, Minnesota-Canada	Feb. 27-Mar. 5 '77	125	25	Glenn Hall

UNDERWATER EXPLORATION*

265	Virgin Islands	June 19-July 1	530†	50	Kent Schellenger
266	Lanai and Kona Coast, Hawaii	July 6-16	690††	50	Lou Barr
267	Kona Coast, Hawaii	July 31-Aug. 11	860†††	50	Bob Sextro
268	Northern California Coast Ecology	Aug. 15-21	150	50	Steve Webster
269	Catalina Island, Kelp Forest Biology, California	Sept. 4-12	320††††	50	Rob Spivack

*Per person deposit.

†Additional \$160 for divers; includes basic scuba instruction.

††Includes Hawaii round-trip air fare; additional \$150 for divers.

†††Includes Hawaii round-trip air fare; additional \$115 for divers; includes basic scuba instruction.

††††Less \$90 for non-divers.

FOREIGN UNDERWATER EXPLORATION* (Total cost is approximate and does not include air fare)

419	Galapagos Islands, Ecuador	May 6-29	1900**	50	Ann Gladwin
420	Grand Cayman Tropical Reef Biology, B.W.I.	June 4-15	775†	50	Rob Spivack
421	Grand Cayman Tropical Reef Biology (Intermed.), B.W.I.	June 16-27	790††	50	Steve Webster
423	Samoa, Fiji & Tonga	July 7-27	2050***	50	Ann Gladwin

*Per person deposit.

**\$1600 for non-divers.

†\$555 for non-divers.

††\$570 for non-divers.

***Includes air fare from San Francisco.

WATER TRIPS

River Raft Trips (Other River Raft Trips are listed under: Alaska)

31	Middle Fork, Salmon River, Idaho	Apr. 25-30	395	25	Harry Neal
270	Grand Canyon Oar Trip, Arizona	May 4-15	565**	50*	Wes Farrand
271	High Water Main Salmon Raft-Horseback Trip, Idaho	May 9-14	345	25	Rouen Faith
272	Grand Canyon Oar Trip, Arizona	May 21-June 1	565**	50*	Hunter Owens
273	Owyhee River, Oregon	May 29-June 2	260	25	Dawn Cope
274	Dolores River, Paddle-Raft, Colorado	May 31-June 5	250	25	Jerry Kalman
275	Rogue River, Oregon	June 7-11	195	25	Steve Anderson
276	Hells Canyon of the Snake River, Idaho	June 11-16	325	25	Kurt Menning
277	North Platte River Wilderness, Colorado-Wyoming	June 11-17	235	25	Sandy Leake
278	San Juan River, Utah	June 21-26	285	25	Debbie Douglas
279	Westwater-Cataract Canyon Raft-Hiking, Utah	June 21-27	390	25	Rolf Godon
280	North Platte River Wilderness, Colorado-Wyoming	June 22-28	235	25	Sandy Leake
281	Grand Canyon Oar Trip, Arizona	June 26-July 7	565**	50*	Martin Friedman
282	Rogue River, Oregon	July 5-9	195	25	Russell Snook

1976 SIERRA CLUB OUTINGS

Trip Number	Date	Trip Cost (Incl. Deposit)	Deposit	Leader	
283	Middle Fork, Salmon River, Idaho	July 10-15	395	25	John Garcia
284	Grand Canyon Oar Trip, Arizona	July 13-24	565**	50*	Ann Dwyer
285	Grand Canyon Oar Trip, Arizona	July 31-Aug. 11	565**	50*	Bill Huntley
286	Middle Fork, Salmon River, Idaho	Aug. 3-8	395	25	John Barnard
287	Rogue River, Oregon	Aug. 9-13	195	25	Blaine Le Cheminant
288	"River of No Return," Main Salmon, Idaho	Aug. 16-21	345	25	Greg Horner
289	Middle Fork, Salmon River, Idaho	Aug. 19-24	395	25	Victor Monke
290	Hells Canyon of the Snake River, Idaho	Aug. 22-27	325	25	Herb Graybeal
291	Chilcotin-Fraser Rivers, B.C., Canada	Aug. 22-31	750	50*	Lynn Dyche

*Per person deposit.

**Round-trip from Flagstaff, Arizona.

Canoe Trips (Other Canoe Trips are listed under: Alaska, Family Canoe, Foreign)

24	Okefenokee Trip, Georgia	Mar. 28-Apr. 2	135	25	Lincoln E. Roberts
27	Gila River Boat Trip, New Mexico	April 4-10	90	25	John Ricker
300	St. John River, Maine	May 18-29	265†	25	Tony Josepher
301	Buffalo National River, Arkansas	May 30-June 5	150†	25	Harold Hedges
302	S. Appalachian White Water Base Camp, GA-NC-TN	June 5-12	130	25	Tom Hamby
303	Gasconade River Leisure Trip, Missouri	June 6-12	140†	25	Jackie E. Kerr
304	Scenic Rivers, Wisconsin/Minnesota	June 13-19	155†	25	Glenn Hall
305	Main Eel River, Northern California	June 14-20	125†	25	Judy Hacker
306	San Juan Islands, British Columbia, Canada	June 20-27	155	25	Lois Pickett
307	Main Eel River Upper Teen-Age Plus, N. California	June 22-28	125†	25	Carol Dienger
308	Quetico-Superior Leisure Trip, Minnesota/Canada	June 27-July 10	295†	25	Stu Duncanson
309	Apostle Islands, Wisconsin	July 25-31	295†	25	John Wheeler
310	Missinaibi River, Ontario, Canada	July 27-Aug. 7	230	25	Dick Williams
311	Trinity-Klamath Rivers, Northern California	July 29-Aug. 3	95	25	Ann Dwyer
312	Killarney Park Natural History, Ontario, Canada	Aug. 7-14	165†	25	Carl Denison
313	Klamath River, Northern California	Aug. 9-15	150†	25	Judy Hacker
314	Kipawa Reserve, Quebec, Canada	Aug. 9-19	215	25	Mike Maule
315	Klamath River, Northern California	Aug. 25-31	150†	25	Bill Bricca
316	Rio Grande Canyons, Texas	Oct. 16-23	110	25	John Baker
317	Dismal Swamp, Virginia & North Carolina	Oct. 24-30	120	25	Mike Maule
318	Boquillas Canyon, Texas	Nov. 21-27	95	25	Dave Hollingsworth

†Canoes included in trip cost.

Boat Trips† (Other Boat Trips are listed under: Alaska, Foreign)

406	Rio Usumacinta: River of Ruins, Mexico-Guatemala	March 4-19	650††	50	Frank Hoover
407	Sea of Cortez Leisure Trip, Mexico	April 3-10	545†††	50	Rouen Faith
408	Sea of Cortez Leisure Trip, Mexico	April 10-17	545†††	50	Monroe Agee
409	Sea of Cortez Leisure Trip, Mexico	April 24-May 1	545†††	50	Frank Hoover
411	Puerto Vallarta, Mexico	Nov. 8-20	*	50	Margaret & Ellis Rother
414	Whale Watching Leisure Trip, Baja Mexico	Mid-January, 1977	395**	50	Monroe Agee

†Per person deposit.

††From Tikal.

†††From San Diego.

*Approx. \$580 from Los Angeles, \$540 from San Antonio, \$435 from Puerto Vallarta.

**From San Diego; price is approximate.

Beverly F. Stevenson



Reservations for Sierra Club Trips

WHO IS ELIGIBLE?

Our trips are open to Sierra Club members, applicants for membership and members of organizations granting reciprocal privileges. You may include your membership application and fee with your reservation request. Children under 12 need not be members.

Unless otherwise specified, a minor under 18 years of age, unless accompanied by a parent or sponsored by a responsible adult, may only join an outing with the consent of the leader. If you lack a sponsor, write the trip leader for assistance.

RESERVE SPACE EARLY

First come, first served is the general rule. However, this may not apply when acceptance by the leader is required (based on applicant's experience, physical condition, etc.); such conditions will be noted in the *Bulletin* or the trip supplement. When a trip's capacity is reached, later applicants are put on a waiting list. The Sierra Club reserves the right to conduct a lottery to determine priority for acceptance in the event that a trip is substantially oversubscribed shortly after publication of the *Bulletin*.

One reservation form should be filled out for each trip by each individual. However, husband and wife may use a single form and a family (parents and children under 21) may also use a single form. Mail your reservation together with the required deposit to the address below.

YOUR KIND OF TRIP

Give thought to your real preferences. Some trips are moderate, some strenuous, a few are only for highly qualified participants. Be realistic about your physical condition and the degree of challenge you enjoy.

ONE-PRICE POLICY

Generally, adults and children pay the same price; some exceptions for family outings are noted in the *Bulletin*.

CANCELLATIONS

If you must cancel a reservation or space on a waiting list, write promptly. It may save you money, and enable someone else to go on the trip.

REFUNDS

Reservation deposits are refundable only: (1) if a vacancy does not occur or if you cancel from a waiting list; (2) if your reservation is not accepted; (3) if the Sierra Club must cancel a trip. Any other refunds are subject to the conditions listed for your trip.

NORTH AMERICAN TRIPS

(Canada, Mexico, United States)

Send \$25 for each individual or family reservation; some trips may require a larger deposit, which are noted in this *Bulletin*. The deposit is applied to the total trip price, and is non-refundable except as described above.

Full payment is due 90 days before departure. Payments for trips requiring leader's acceptance are also due at this time, regardless of your status. You will be billed before the due date. If payment is not received on time, your reservation may be cancelled.

Refunds following cancellation of a confirmed reservation (less the non-refundable deposit) are made as follows: (1) Full payment up to 60 days before departure; (2) During the 60 days

before departure, refund is 90% of payment after deduction of deposit. The date cancellation is received by the Outing Office (not the mailing date) will govern. No refund will be made if you are a "no show" at the roadhead or if you leave during a trip.

Transfer fee: If you have a confirmed reservation, a \$25 fee will be charged to transfer it to another trip.

No transfer fee: If your application is still pending the leader's acceptance, or if you are on a waiting list.

FOREIGN TRIPS

Send \$50 per person deposit with your reservation; there are no "family reservations" on foreign trips. The deposit is applied to the total price and with few exceptions is non-refundable. An additional payment of \$200 per person is due 6 months before departure; full payment is due 90 days before departure. Payments for trips requiring the leader's acceptance are due at the same times, regardless of your status. You will be billed before the due dates. If payment is not received on time, your reservation may be cancelled.

Refunds following cancellation of a confirmed reservation: (1) Six months or more before departure, refund is of all payments made (less the \$50 per person non-refundable deposit); (2) If you cancel within 6 months of departure and the vacancy is filled from the waiting list, the same refund will apply; but if no replacement is available, costs and overhead will be deducted from your total payment. The date your cancellation is received by the Outing Office (not the mailing date) will govern.

Transfer of a confirmed reservation from a foreign trip is treated as a cancellation.

TRANSPORTATION

Travel to and from the roadhead is your responsibility as is specialized transportation on some trips (e.g. air taxi, charter boats) which is not included in the trip price. To conserve resources, trip members are urged to contact the trip leader for assistance in forming car pools on a shared-expense basis or to use public transportation. The Outing Office does not make transportation arrangements.

MEDICAL PRECAUTIONS

On a few trips a physician's statement of your physical fitness may be needed. A physical check-up is always advisable and special inoculations may be required for foreign travel. Check with a physician regarding immunization against tetanus.

EMERGENCY CARE

In case of accident, illness or a missing trip member, the Sierra Club, through its leaders, will attempt to provide aid and arrange search and evacuation assistance when the leader determines it is necessary or desirable. Cost of specialized means of evacuation or search (helicopter, etc.) and of medical care beyond first aid are the financial responsibility of the ill or injured person. Medical and evacuation insurance is advised as the club does not provide this coverage. Professional medical assistance is not ordinarily available on trips.

THE LEADER IS IN CHARGE

He may at his discretion require a member to leave the trip if he feels that the member's further participation may be detrimental to the trip or to the member.

Please DON'T Bring These:

Radios, sound equipment and firearms are not allowed and pets cannot be taken on trips.

Mail Checks and Applications to:

Sierra Club Outing Dept., P.O. Box 7959, Rincon Annex, San Francisco, CA 94120

Mail All Other Correspondence to: Sierra Club Outing Dept., 530 Bush St., San Francisco, CA 94108



John Freiermuth

Second prize winner, Outing Committee 1975 photo contest.

HIGH-LIGHT TRIPS

High-Light trips are for people, including families with children approximately nine years or older, who wish to hike from camp to camp without the burden of a full knapsack. Like knapsack trips the emphasis is on going light but our accompanying mules carry each trip member's 20-pound duffel bag plus all the food and commissary equipment. Meals are planned by the staff, with trip members taking turns cooking and doing other camp chores under the supervision of the staff.

Group size varies from between 15 to 25 trip members plus a three- or four-person staff which allows us great flexibility in choosing itineraries to provide maximum enjoyment and produce minimum wilderness impact. For example, we achieve a ratio of four to five people per mule compared with the usual private commercial trip which rarely does better than one to two persons per mule. Moves between camps ordinarily range from five to 15 miles, with an eight to ten-mile day average, and are often followed by one or more layover days. The degree of strenuousness varies substantially from trip to trip. In choosing an outing you should carefully consider this factor. With camp duties only once or twice a week, layover days provide abundant opportunity to fish, climb or pursue other individual activities.

We attempt to emphasize conservation issues in the areas where the trips are run, interpret the natural history aspects of the local environment and provide guidance in camping techniques and minimization of wilderness impact for use on future individual outings. High-Light outings are designed to explore the largest area possible in the time involved, to maximize individual freedom consistent with group objectives and above all to provide a meaningful wilderness experience in conjunction with the benefits of group interaction.

(132) Pecos Wilderness, Southern Sangre de Cristo Range, New Mexico—June 20-July 1. Leader, Les Albee, 130 S. Rocky Dells Dr., Prescott, AZ 86301.

The upper Pecos River basin is surrounded by lofty peaks, 11,000 to 13,000 feet high, and by glacier-formed alpine lakes. We will traverse this basin on and off trail, alternating travel days with layover days to permit ecological study, trout fishing, and climbing nearby peaks, or resting. This is a moderately strenuous trip requiring moderate fitness for full participation.

(133) High Uintas Primitive Area, Ashley Forest, Utah—July 5-16. Leader, Allen J. Malmquist, Box 388, Fredonia, AZ 86022.

We will explore the headwaters of the Uinta River in northeastern Utah. Camps will be near the crest of the range at 11,000-ft in basins surrounded by 13,000-ft peaks. The hiking will be moderate to easy with short moves, but at high altitude. Five layover days will feature tundra ecology study, excellent fishing, and peak climbing. There will be an opportunity to hike up Kings Peak (13,528). The High Uintas normally open long before other ranges in the Rockies so we can go in early for the best fishing and finest flower displays.

(134) Northern Yosemite, Sierra—July 10-24. Leader, Stuart Dole, 1500 Mills Tower, San Francisco, CA 94104.

The long canyons northeast of Yosemite Park will be explored on this moderate loop trip starting from Buckeye Creek west of Bridgeport. Water, ice and time have made this western slope of the Sierra Crest into a symphony of greenery and granite. Early July should find the stream and lake shores and the meadows alive with wildflowers.



(135) Humphreys Basin, Sierra—July 22-30. Leader, Serge Puchert, 37 Southridge Court, San Mateo, CA 94402.

Starting from North Lake we hike over Piute Pass (11,423) into the vast lake-filled granite country of Humphreys Basin. We move down the French Canyon and over Pine Creek Pass (11,200) down to our roadend and a shuttle back to the cars. Every second day will be a layover giving a chance to explore, climb, fish or just relax. The trip is rated easy to moderate with average moves of 5-8 miles. Peak climbs plus a rugged optional overnight knapsack on our double layover day should satisfy the more energetic.

(136) Lower Minam River, Wallowa Mountains, Oregon—July 24-31. Leaders, Ruth Ann and Jim Angell, 3450 S.W. Talbot Rd., Portland, OR 97201.

This is a loop trip of 45 miles with an elevation gain of 4000 feet accomplished in four moving days with three layover days between for exploration, fishing and nature study. There will be a naturalist on the staff. In May, the Forest Service will publish its draft environmental statement. October, 1976 will be the final date for public input

on whether this area should be added to the Eagle Cap Wilderness. This is a unique opportunity to form an on-the-ground opinion in time to do something about it.

(137) Geology Of Mountainous Regions; North Fork San Joaquin, Sierra—July 29-August 5. Instructor, Philip Lydon. Leader, Marsh Pitman, 2832 E. Arden Lane, Merced, CA 95340.

Examination of rock types and glaciation on the west side of the Ritter Range will require some relatively strenuous hiking. Campsites between 7800 feet and 9600 feet average seven miles apart; layover day trips go up to 11,300 feet with elevation changes up to 5000 feet. Participants will study rock types, land forms and other geological phenomena. Map reading, rock identification, and geological interpretation will be emphasized. Attention will also be given to the control exerted on plant communities by local geological conditions.

(138) Green River Lakes Loop, Bridger Wilderness, Wyoming—August 2-13. Leader, Charles Engberg, 6906 Birchton Ave., Canoga Park, CA 91307.

This leisure trip will explore the upper drainage system of the Green River, Clear, Clark and Porcupine creeks. We will be in an area of beautiful glaciated valleys, unique mountain peaks, lovely lakes, and alpine tundra, with abundant flowers at elevations of 8,000 to 11,500 feet. This will be an excellent trip for beginners, families, and experienced high-lighters.

(139) Pioneer Mountains, Beaverhead Forest, Montana—August 15-22. Leader, Charles Schultz, 14 Pacheco #7, San Rafael, CA 94901.

Our trip in the East Pioneers takes us through a Rocky Mountain paradise. Wildlife, including goats, spreads of flowers, and touted fishing contribute to the completeness of our visit. The moving days are reasonably short, but we do go up and down with most campsites set around 8500 feet. Layover days follow each move of camp and give opportunity to climb peaks to 11,000+ feet, stalk big game with our cameras, cast a fly on the lakes, and relax in nature's solitude.

Robert Cresko



(140) Island Lake Loop, Bridger Wilderness, Wind River Range, Wyoming—August 16-27. Leader, Allen J. Malmquist, Box 388, Fredonia, AZ 86022.

This leisure trip will explore the upper Green River drainage northeast of Pinedale, Wyoming. For the fishermen there will be dozens of lakes and streams while the photographers will have the rugged peaks and glaciers along the Continental Divide. Five layover days will be enjoyed relaxing, studying the alpine tundra gardens, fishing, or more hiking. This easy trip is recommended for beginners and families as well as the experienced.

(141) Western Slope of the Tetons, Targhee Forest, Idaho and Wyoming—August 21-31. Leader, Blaine Le Cheminant, 1857 Via Barrett, San Lorenzo, CA 94580.

Originating near Driggs, Idaho, our ten-day trip takes us from the varied vegetation and forested regions of the western side of the Tetons to areas revealing imposing grandeur where rock and sky meet. Weather permitting, we will see the colorful wildflowers so characteristic of this alpine region. Alternate layover days will allow time to explore and admire the lovely scenery and seek views of the abundant wildlife in this less visited Teton area.

(142) San Juan Wilderness, San Juan Forest, Colorado—September 5-17. Leader, Dr. Stuart Yaffe, Univ. Med. Bldg., 901 N. 1st St., Springfield, IL 62702.

On this trip we will explore the eastern portion of this huge wilderness north of Pagosa Springs in the southwest corner of Colorado and enjoy the mixture of dense forest, lakes, meadows, tundra basins, and 13,000-foot peaks along the Continental Divide. Early fall is a great time in the southern Rockies and we can look forward to golden aspens, nippy mornings, warm days, little or no rain, and very few people. Moderate to easy hiking—but at high altitude—with five layover days for relaxing, nature study, fishing, or peak climbing.

(143) Glacier Ridge Circle, Sierra—September 11-18. Leader, Donald G. Parachini, 1140 Winsor Avenue, Piedmont, CA 94611.

September in Kings Canyon Park is a quiet time during which life prepares for Winter. To enjoy that process, we start at Horse Corral and end at Cedar Grove, travelling up Deadman Canyon and down Cloud Canyon to circle Glacier Ridge. There will be two layover days, but parts of the trip require strenuous hiking. The solitude and the fascinating variety of terrain and life should well reward our efforts.

(144) Horseshoe Canyon, Utah—September 20-25. Leader, Don Lyngholm, Box 998, Shiprock, NM 87420.

Some of the Wild Bunch from Robbers Roost used this canyon as a hideout and escape route. It was known to ancient people too as there are some magnificent Indian pictographs. Horseshoe Canyon is a scenic and rarely visited canyon partly in Canyonlands Park. Our camping gear will be carried by horses except for one night of backpacking in the lower end of the canyon. Round trip transportation is provided from Green River, Utah.

(145) Pine Valley Mountains, Utah—September 25-October 2. Leader, Ray Des Camp, 510 Tyndall St., Los Altos, CA 94022.

Harsh looking from a distance, the country is actually a series of lush, delicate, stringer meadows with small streams and dense forests. The trip is moderately easy after an initial climb of 2000 feet in the first day. There will be three layover days for exploring. For anyone interested in combining this trip with the following Canaan Mountain High-Light, there will be adequate time to go from one trip to the other.



Paul Lenhart

(146) Canaan Mountain, Utah—October 2-9. Leader, Allen J. Malmquist, Box 388, Fredonia, AZ 86022.

The cool of autumn is the perfect time to explore this little known wilderness of plateaus and canyons just south of Zion National Park in southern Utah. From four camps we will enjoy the maze of slickrock domes, pinnacles, and canyons. Hiking will be moderate to easy with short moves at the 7000-foot elevation. Two layover days will be for relaxing or more hiking. This trip can be run in conjunction with the Pine Valley Mountains High-Light described above.

(147) Superstition Wilderness, Arizona—December 27-January 1. Leader, Les Albee, 130 S. Rocky Dells Dr., Prescott, AZ 86301.

The annual desert High-Light trip will be in the rugged Superstition Mountains 50 miles east of Phoenix. Running streams, some snow, and vegetation extending from low desert cactus to mountain pines make this an interesting winter trek. We will have ample time to explore Indian ruins and climb some third class peaks.

Saddle-Light

(228) Stony Creek, Canadian Rockies, Banff Park, Alberta, Canada—July 13-18. Leader, Neil Jones, 21109 Serene Way, San Jose, CA 95120.

(229) Stony Creek, Canadian Rockies, Banff Park, Alberta, Canada—August 10-15. Leader, Kathy Jones, 21109 Serene Way, San Jose, CA 95120.

This year we explore a different part of vast Banff Park. Two campsites are planned with the first in tepees. Each day is a new adventure in exploring these great mountains, riding, hiking, fishing or just relaxing. Experienced guides will cook and furnish all necessities except sleeping and personal equipment. Ride distances vary from 12 to 20 miles. Riding experience not required. Minimum age is 13. Elevations are generally 6500 feet or more. Trip price includes bus to trailhead from Banff.

1976 FOREIGN TRIPS



Fifteen years ago the Sierra Club Outing Committee extended its activities to include trips to foreign lands. Our reason was to offer to members the opportunity to live, in countries beyond our borders, the same type of out-of-doors experience we find so rewarding at home, and to become aware of the peoples of those countries and their conservation problems. In order to do this we stay as close to the land and its inhabitants as possible, camping and walking wherever we can. In places where we cannot camp, we stay at native hotels and in inns frequented by the natives, not in plush accommodations run for foreign tourists. When possible, we get in contact with the local conservationists and mountaineers and live as they do.

Sierra Club foreign trips will take you to out of the way places, rarely visited by ordinary tour groups. This means, in many instances, that we adopt their way of life, and their time schedules and oftentimes their disregard for convenience and the amenities we often regard as essential. All this requires fortitude and a sense of humor, but it can be a high adventure treasured for the future.

Leaders of these trips are Sierra Club members, trained and experienced in the domestic program who give special emphasis to the conduct of the trip and the care of the trip members. Naturally, they cannot all be highly trained specialists on the country visited, or resource persons in the cultural-historical or biological features of the area. Therefore, members should instruct themselves beforehand on these features for maximum enjoyment. Of course, an effort is made to enlist native assistance when available.

(430) Trisuli-Gatlang Valleys, Nepal—March 20-April 14. Leader, Bob Stout, 10 Barker Ave., Fairfax, CA 94930.

This is a moderate, 15-day, springtime trek in the most fascinating biotic areas in central Nepal. With a naturalist we range from the great forests of the inner Himalaya to the jungle Terai on the Indian border. Flowers are at their best and over 200 species of birds have begun their annual migration. The route is thru the Thamang tribal area and reaches a maximum elevation of 12,000 feet, with a background of the peaks of the Ganesh Himal

(24,299 feet). Pre- and post-trek activities include sight-seeing in Kathmandu Valley and a visit to the Royal Chitwan National Forest and Tiger Tops.

(438) Spring Outing to Japan—April 17-May 16. Leader, Tony Look, 411 Los Ninos Way, Los Altos, CA 94022. Co-leader, William Balch.

Our outing will follow the cherry blossoms north to the island of Hokkaido. Staying in Japanese inns and riding on public transportation, our two groups will be accompanied by English speaking Japanese guides. Each group has the option of several hikes, while others can enjoy visits to cultural places and museums. Members will fly on a group rate from San Francisco.

(439) Spain: Central Pyrenees—June 27-July 16. Leaders, Lewis Clark, 1349 Bay St., Alameda, CA 94501 and Aurora Dorado.

Twenty days of moderate trail hiking in the scenic central Pyrenees with a swing into France through picturesque Gavarnie. Hike over passes up to 9000 feet near massive Monte Perdido. Optional climb of Pico Aneto (highest of the range). Walk through rugged cirques, pastoral valleys, around lakes, explore wild areas off the beaten track, visit historic monasteries. Stay in mountain *refugios* and *hostales*. Ride in charter vehicles between base points. The trip begins and ends in Barcelona.

(445) Northern Frontier District, Kenya—July 1-28. Leader, Tony Church, Nairobi; coordinator, Al Schmitz, 2901 Holyrood Dr., Oakland, CA 94611.

Starting from Nairobi in Landrovers, tented base camps will be established at the Mara River in Masai Mara, by a lake at Maralal, on top of Mt. Marsabit by the shores of Lake Paradise, and at the Nyuru River in the Samburu Game Refuge, alternated by occasional stays in lodges while traveling between camps. The trip offers a great variety of game viewing, scenery, and native people. One of the highlights of the trip is a visit to Lake Rudolf and to the El Molo tribe, a most primitive group of people living a stone-age existence.

MEMBERSHIP NO. (CHECK BULLETIN LABEL)			Trip number		Trip name		Departure date		
Print Name Mr. FIRST LAST Mrs. Ms.			DEPOSIT ENCLOSED \$		(Leave blank)		No. of reservations requested		
Mailing Address			If you have already received the trip supplement, please check. <input type="checkbox"/>						
City		State	Zip Code		Residence telephone (area code)		Business telephone (area code)		
PLEASE PRINT YOUR NAME AND THE NAMES OF ALL FAMILY MEMBERS GOING ON THIS OUTING				Age	Relationship	Membership No.		How many trips have you gone on? Chapter National	

READ INSTRUCTIONS BEFORE COMPLETING! PLEASE PRINT. USE INK AND BLOCK LETTERS!

MEMBERSHIP NO. (CHECK BULLETIN LABEL)			Trip number		Trip name		Departure date		
Print Name Mr. FIRST LAST Mrs. Ms.			DEPOSIT ENCLOSED \$		(Leave blank)		No. of reservations requested		
Mailing Address			If you have already received the trip supplement, please check. <input type="checkbox"/>						
City		State	Zip Code		Residence telephone (area code)		Business telephone (area code)		
PLEASE PRINT YOUR NAME AND THE NAMES OF ALL FAMILY MEMBERS GOING ON THIS OUTING				Age	Relationship	Membership No.		How many trips have you gone on? Chapter National	

MAIL TO: SIERRA CLUB OUTING DEPT.—P.O. BOX 7959 RINCON ANNEX, SAN FRANCISCO, CA. 94120

MEMBERSHIP FORM

NAME (Last, First, Middle)

ADDRESS (Street, City, State, Zip)

PHONE (Area Code, Number)

I am interested in joining the club for the following reasons:
 1. To enjoy the scenic views and fresh air.
 2. To participate in the various sports and activities.
 3. To meet and socialize with other members.
 4. To enjoy the excellent food and beverages.
 5. To take advantage of the special rates and discounts.
 I understand that the membership fee is \$100.00 per year, plus a one-time initiation fee of \$50.00. I agree to pay this fee in full at the time of signing this form. I also agree to abide by the club's rules and regulations.

I hereby certify that the information provided above is true and correct. I understand that my membership will be automatically renewed unless I notify the club at least 30 days before the expiration date. I agree to pay the membership fee on the first day of each year.

DATE OF SIGNATURE

SIGNATURE OF MEMBER

I am interested in joining the club for the following reasons:
 1. To enjoy the scenic views and fresh air.
 2. To participate in the various sports and activities.
 3. To meet and socialize with other members.
 4. To enjoy the excellent food and beverages.
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I hereby certify that the information provided above is true and correct. I understand that my membership will be automatically renewed unless I notify the club at least 30 days before the expiration date. I agree to pay the membership fee on the first day of each year.

DATE OF SIGNATURE

SIGNATURE OF MEMBER

(460) Indonesia: Java, Bali and Sulawesi—July 1-August 5. Leader, Ray Simpson, 604 Hartnell Pl., Sacramento, CA 95825.

A visit to tropically lush Java will begin our month-long odyssey in the enchanting Indonesian archipelago. Our journey will expose us to long-existent conservation techniques which have allowed these densely populated islands to continue to exist. Planned activities include day hikes, snorkeling, exploration of the massive Borobudur ruins and a climb of the volcano Gunung Bromo. We will possibly visit marine oriented Sulawesi before ending our tour in flowerful Bali.

(447) Walking in Norway—July 3-20. Leader, Betty Osborn, 515 Shasta Way, Mill Valley, CA 94941.

A delightful combination of a high mountain trek in Norway's Rondane Mountains, partly through a national park, with sightseeing and walks through some of the best of the famous fjord country along the West Coast. A Norwegian anxious to show off his country will accompany us. Transportation will include train, bus, ferry boat and motor boat. Overnighing usually in huts, private saeters and hostels. There is daylight around the

Betty Pollack



clock at this time of year and the extensive glaciers and sparkling waterfalls will be at their best. Moderate hiking with full day-pack for experienced walkers in good condition. Leader approval required.

(448) Austrian and Swiss Alps—July 17-August 2. Leaders, Wayne R. Woodruff, P.O. Box 614, Livermore, CA 94550 and Brad Hogue, 3750 Long Ave., Beaumont, TX 77706.

With only light packs, we will hike through idyllic valleys and over lofty Alpine slopes for ever-changing vistas in the central Valais in Switzerland and the Stubaital in the Austrian Tyrol. There will be free days for climbing or hiking or relaxing. Leader approval required; minimum age 11.

(475) Hiking and Canoeing in Sweden—July 22-August 12. Leaders, Mary and Ross Miles, 18 Farm Rd., Los Altos, CA 94022.

For eight days we paddle through a lovely chain of lakes, stopping along the way at tiny villages, making camp in lakeside forests, exploring rocky islands, swimming and fishing. An overnight train then carries us north to Kiruna where we start our eight days of hiking. We stay in mountain huts and lodges along the way. Our trail takes us through wide glaciated valleys and the birch forests of Abisko National Park, in what is called Europe's last wilderness area.

(480) Greenland—August 2-17. Leader, Jim Watters, 600 Caldwell Road, Oakland, CA 94611.

Greenland is a vast remnant of the Ice Age, covered by a white desert 1500 miles long and 600 miles wide. But the icecap has receded from the jagged coast, exposing a typically subarctic landscape of immense beauty and charm. This first trip for the club explores the southwest fjords around Julianehab and Narssaq by boat and with knapsack. From Narssarsuaq, we scout out old Norse ruins, then embark on two backpacking excursions of about four days each. One is over the highlands, the other is on a glacier. The trip plans stopovers at several towns and settlements along Igaliko Fjord and Erik's Fjord. We tent out half the trip. Expect novelty and adventure without frills, for life is uncomplicated in Greenland. Leader approval required.

(478) Angel Falls, Venezuela—August 5-21. Leader, Terry Davis, P.O. Box 5710, Santa Monica, CA 90405.

Traveling by river past plateau-mountains with spectacular waterfalls, we will hike through jungle rain forest to a close view of Angel Falls, the world's highest. Other activities: hiking in the Gran Sabana, studying urbanization and activities with conservationists in Caracas.

(450) Galapagos Islands, Ecuador—August 11-September 4. Leaders, Betty Osborn, 515 Shasta Way, Mill Valley, CA 94941, and Salem Rice.

For 22 days in small sailing vessels and on land we will explore these beautiful islands. We actually walk among the fierce looking marine and land iguanas and great tortoises, visit bird colonies unique to each island, and watch sea lions at play. We will study a myriad of wildlife still unafraid of man. Summer is the cool, drier season, yellows and browns predominate; nature photography is unexcelled. Excursions and overnight hikes visit volcanoes, rain forests and the Darwin Research Station. Swimming and snorkeling for all to enjoy.

(481) Israel and the Sinai Desert—August 23-September 23. Leader, Ron Eber, Dept. of Urban Planning, Univ. of Oregon, Eugene, OR 97403.

The major part of our trip will be spent in the wilderness of Sinai and the nature reserve of northern Israel as special guests of Israel's Society for the Protection of Nature. We will visit remote off-the-beaten-track places of natural, historical and archaeological interest. Highlights: the Judean and Negev deserts; Gulf of Eilat coral reefs; 5th century Monastery of St. Catherine; a climb of Mt. Sinai and others; Jerusalem; Ein Gedi oasis; Dead Sea; Jordan River headwaters; the Galilee; the forests of Mt. Carmel and its birdlife and the ancient cities of Caesarea, Jericho and Capernaum. Includes walking, hiking, camping and snorkeling. Desert conditions are primitive.

(483) Walking in Wales—September 4-19. Leaders, Lori and Chris Loosley, 22 Westbury Rd., New Malden, Surrey KT3 5BE, U.K.

Two weeks of hiking in the mountainous and ruggedly beautiful National Parks of Wales. From the bleak hills of the Brecon Beacons to the coastal grandeur of Pembrokeshire and finally to Snowdonia, a green and misty mountain range of a thousand moods. We shall stay at farmhouses and meet the Welsh—musical, poetic people who are proud of their own language and culture and who have always resisted the physical and cultural invasions of the English.

(485) The Netherlands Afoot and Afloat—September 7-21. Leaders, Ellis and Margaret Rother, 903 Sunset Dr., San Carlos, CA 94070.

We shall leave the big cities to the tourists, exploring the great delta waterways; sanctuaries for bird and animal life on and around the islands along the northern shores of Holland, visiting small communities, traveling for miles through meadows, on and along canals, following the eastern shore of the Zeider Zee to campsites in the wooded hills of Arnheim, site of the greatest airborne battle of all time. Thence to Breda near the Belgian border. Our purpose: to examine and assess the development, the people, the natural resources, open space, animal life, and plant life.

(510) Kenya Mountains to the Sea—September 30-October 22. Leader, Al Schmitz, 2901 Holyrood Dr., Oakland, CA 94611.

From a base camp at Masai Mara the itinerary will take us via Mt. Kenya and Meru National Park to the

coastal area at Lamu, an ancient Arab town on an island in the Indian Ocean. From there we will traverse Tsavo National Park to our camp at Amboseli near Mt. Kilimanjaro. Game drives and hikes, several days of boating on the Tana River, and beach combing will furnish a variety of experiences with little or no difficulty. Included in the trip is a one-day flight to Tanzania to see Ngorongoro Crater and its fabulous wildlife—an outstanding experience.

(515) Ganesh Himal-Gurka Himal, Nepal—October 2-November 6. Leader, Edith Reeves, 1739 East San Miguel, Phoenix, AZ 85016.

This new moderate trek northwest of Kathmandu combines the best of the favorite Trisuli-Gatlang valleys trek with a new route further westward to the feet of Himal Chuli (25,895 ft.) and of Manaslu (26,658 ft.). During 25 days of trekking you'll visit the home of the 18th century Gurkha warriors who conquered Kathmandu Valley and formed the present Nepalese culture. The maximum elevation reached is 15,000 feet. You will also have time for sightseeing in Kathmandu Valley and post-trek visits to the sacred Hindu city of Varanasi and Agra, home of the Taj Mahal.

(520) Pokhara to Jumla, Nepal—October 30-December 5. Leader, John Edginton, 2733 Buena Vista Way, Berkeley, CA 94708.

This moderate trek offers a splendid variety of Nepalese terrain, people and architecture, as you walk across the west-central highlands of Nepal, beginning in the park-like country around Pokhara, passing thru deciduous and pine forests above Dhorpatan and finally ascending the rugged arid slopes surrounding Jumla. The highest pass of the trek is Jangla Bhanjyang at 14,060 feet. The trek offers splendid views of peaks of the west, Macchapuchare, Annapurna Himal and Dhaulagiri. There will also be time for sightseeing in Kathmandu Valley and post-trek visits to the sacred Hindu city of Varanasi and to Agra, home of the Taj Mahal.

(525) Natural History Trek through Kathmandu Valley, Nepal—November 18-December 11. Naturalist, Dr. Robert L. Fleming, Sr., Kathmandu; leader, Al Schmitz, 2901 Holyrood Dr., Oakland, CA 94611.

Fifty mile long Kathmandu Valley (4500 feet) is surrounded by mountains about 10,000 feet, offering splen-

John Edginton





L. F. Clark

1977 FOREIGN TRIPS

(550) Guatemalan Archaeology and Jungle—January 3-20. Leader, Ellis Rother, 903 Sunset Dr., San Carlos, CA 94070.

We pass through jungle, temperate highlands, earthquake rifts, past active volcanoes and down jungle rivers to visit the ruins of ancient city states with a working archaeologist as guide; then to Antigua, seat of Spanish conquest, itself dim with time. We will be among people directly descendant from the past we explore; living by ancient ways, wearing tribal costumes. This is a trip for active people used to outdoor life, 18 years or older.

(555) Galapagos Islands, Ecuador and Falkland Islands, South Atlantic—January (28 days). Leader, Harold Seielstad, 709 Seminole Way, Palo Alto, CA 94303.

Two weeks of sailing in Darwin's legendary islands of discovery in the equatorial Pacific will contrast sharply with a week of hiking in a lesser known island group in the sub-antarctic South Atlantic. The Galapagos afford exceptional opportunity for wildlife viewing, photography, swimming and snorkeling. Tortoises, iguanas, boobies and frigate birds are among the prolific and approachable wildlife. In the Falklands or Las Malvinas

did views of the entire Nepal Himalayas. Rain forests are rich in plant life, and bird life is especially varied at this time of year. A two-weeks' trek will furnish a cross section of the natural history and the cultures of the local inhabitants. Daily hiking distances are very moderate. A two-day trip to Tiger Tops in the Terai is included.

(530) Hoggar Mountains Camel Caravan, Algeria—November-December (3 weeks). Coordinator, Al Schmitz, 2901 Holyrood Dr., Oakland, CA 94611.

Your camel caravan will take you far away from civilization into the lonely grandeur of the desert region of the Sahara with its wide expanse of sky and sand and rock, its wind- and water-carved canyons, cliffs and peaks, its clear, warm days, its brilliant, cold nights under star-studded skies. Your hosts will be members of the legendary nomadic Tuareg tribe, whose simple life style will be a revelation to you. You can either ride your own camel or walk. Daily distances are 25 to 30 km. Short and exhilarating climbs are possible under the expert leadership of our French mountain guide. Our commissary is simple but efficient. Water is precious. The strange, mysterious manners of the Tuaregs will delight you, as will the behavior of their camels.

(540) Polynesian Christmas: Fiji, Tonga, Tahiti—December 10-January 7. Leader, Ann Dwyer, 125 Upland Rd., Kentfield, CA 94904.

The enchantment of the South Seas will be with us as we visit three very different island groups. We will stay in small Fijian villages and take part in native ceremonies (except fire walking, which we will only watch); we will walk around the main island in Tonga, swim, go by boat to Vava'u and other islands; then on to Tahiti where we will hike to waterfalls and visit the bay where the Bounty lay at anchor, Robert Louis Stevenson's abode, and the Gauguin Museum.

vast rookeries of rockhoppers, penguins, albatross, seals and many other species prosper in the rich cold waters.

(560) Chile—January-February. Leader, Stewart Kimball, 19 Owl Hill Rd., Orinda, CA 94563.

The Federacion de Andinismo de Chile will host us on a trip to their Andes, national parks and lake districts. The Chilean friends we made on our trip to Chile over 10 years ago write *estamos entusiasmados* that we are planning to return in 1977.

(565) Baja Hiking-Driving Adventure-January 24-February 6. Leader, Betty Osborn, 515 Shasta Way, Mill Valley, CA 94941.

Loop camping and hiking of the coastal areas of both the Sea of Cortez and the Pacific Ocean with interesting side-hikes in the central mountains. We will visit Scammon's Lagoon whale breeding grounds, and have several small rafts for swimming and snorkeling. Shell and rock collectors will have a field day. Experienced guides will accompany us, and we will have occasional meals in local village inns.

(580) Trisuli Valley Natural History Trek, Nepal—March. Leader, Stuart Dole, 1500 Mills Tower, San Francisco, CA 94104.

Three weeks of moderate hiking north of Kathmandu in the Trisuli and Mailung Khola valleys, separated by a 12,500 foot pass. A base camp in Trisuli Valley, in a forest of hemlocks and rhododendron, will have a backdrop of Ganesh Himal and Langtang Himal. A naturalist will go with us, and the trip will end with a visit to the game refuge in the Terai.

(585) Kathmandu Valley Leisure Natural History Trek, Nepal—March 4-26. Naturalist, Dr. Robert L. Fleming, Kathmandu. Leader, Al Schmitz, 2901 Hollywood Dr., Oakland, CA 94611.

This two-week trek through the Kathmandu Valley and its surrounding mountains will appeal to the moderate walker. Camps will be below 10,000 ft., and daily hikes will be about five miles, to allow ample time for the study of the natural setting, with skilled guidance. Visits are planned to Tiger Tops and possibly northern India.

(590) Mideast—April 1-24. Leader, Mike Maule, Rt. 14, Box 334, Richmond, VA 23231.

Sample 7000 years of history in three weeks of Mideast springtime. Ride camels (a little is enough!), visit Petra by Arabian steed, visit Roman cities, Phoenician ruins, the Euphrates and the Dead Sea. We will visit only those countries free from conflict, with a very flexible route.

(595) Scottish Highlands—June (2-3 weeks). Leader, Tony Look, 411 Los Ninos Way, Los Altos, CA 94022.

Under the auspices of the National Trust for Scotland, we can again offer a trip of great variety and interest from Ben Lomond to Torridon, the Cairngorms to the Isles. We will travel by foot and mini-bus and stay in hostels and small hotels. The walks of up to 10 miles per day rate as moderate.

(600) Galapagos Islands, Ecuador—June/July. Coordinator, Howard Mitchell, 65 Hillside Ave., San Anselmo, CA 94960.

(636) Galapagos Islands, Ecuador—August. Coordinator, Howard Mitchell, address above.

For 22 days by sailing vessel and on land we will explore these starkly beautiful islands, walking among fierce looking marine and land iguanas and great tortoises, visiting bird colonies unique to each island, and watching sea lions at play in tidal pools. Wonderful swimming and nature photography. Excursions and overnight hikes will visit volcanoes, rain forests and the Darwin Research Station.

(603) Land of the Sun Kings, Peru—June-July (four weeks). Leader, Ray Des Camp, 510 Tyndall Street, Los Altos, CA 94022.

Travel by bus, plane, and foot to see: Chan Chan, Sechin, Chavin, Sillustrani Towers, Uros Indian villages on the floating islands of Lake Titacaca, Tiahuanaco, Sacsahuaman, Pisac; and as a finale, the Inca trail from Ollantay Tambo to Machu-Picchu for one of the most memorable experiences of a lifetime. This trip is for the adventurous, and members must be prepared to accept the unexpected.

(605) France: The Alps to the Mediterranean—Early July. Leaders, Lynne and Ray Simpson, 604 Hartnell Place, Sacramento, CA 95825.

Beginning in Geneva, this two-week trip will follow the Alps south to Nice. Our travel from high peaks and glaciers through the lower rambling Maritime Alps to the sea will be by mini-buses. We will stop in three or four scenic and conservationally interesting areas along the way, where day hikes (and one overnight) will be planned. Our nights will be spent in youth hostel type accommodations and small hotels. The trip is suitable to all ages.

(610) Hindu Kush Himalaya Trek, Pakistan—July. Leader, Peter Owens, 123 N. El Camino Real, San Mateo, CA 94401.

The Hindu Kush range in the Northern Frontier District offers excellent trekking weather, several 7,000 meter peaks and an opportunity to observe the Moslem

Pathan people of the area. This moderate trek of 17 days takes you to 15,500 feet crossing into Chitral after trekking up the Swat River. From there we go into the Kafirstan valleys to visit the Kalash or Kafir (infidel) people who took refuge there from forced conversion to Islam. Using jeeps we drive over Lowari Pass to the district of Kir and Peshawar, the Paris of the Pathans.

(620) Yugoslavia: Mountains and Sea Coast—July-August (22 days). Leader, Ross Miles, 18 Farm Rd., Los Altos, CA 94022.

Small villages and friendly hospitable people, Alpine scenery and interesting seacoast will make this one of the most enjoyable of European trips. We hike from hut to hut in the Slovenian Alps, then travel down the Dalmatian Coast to Split where we take a steamer through the islands to Dubrovnik. After a delightful base camp in the mountains of Montenegro we end our trip at Titograd.

(638) Southern Norway Trek—Summer. Leader, John Ricker, 2950 N. 7th St., Phoenix, AZ 85014.

For the first time we will visit Telemark, one of the earliest settled areas in Norway. We will travel by bus, train and boat, but most of the 18-day trip will be hiking from hut to hut. Trip members will be required to carry light backpacks.

(650) Australia Down Under—September (4 weeks). Leader, Ann Dwyer, 125 Upland Rd., Kentfield, CA 94904.

Australia is more than kangaroos, koalas and kookaburras. It is the Australian Alps, the Great Barrier Reef and Alice Springs of the vast interior. We will see them all, including the profusion of wildflower species found nowhere else in the world.

(700) Annapurna Circle, Nepal—October. Leader, Norton Hastings, 100 Quarry Rd., Mill Valley, CA 94941.

This strenuous trek will attempt to circle the massifs of Annapurna Himal, Lamjung and Ganesh Himal, in an area newly opened. We'll walk north up the Kali Gandaki Gorge, cross Thong La at 17,000 feet and then move south through the Marsyandi Valley. If snows block the passes we'll base camp in Annapurna Sanctuary for high altitude hiking.

(705) Makalu to Everest, Nepal—October & November. Leader, Doug McClellan, 88 Ridge Rd., Fairfax, CA 94930.

Forty-five days of high altitude travel, with ten days on glaciers. From Dharan Bazaar, we cross the Arun River, ascend the Barun Glacier and cross Sherpani Col at 20,046 ft. Then west over the lower Barun and Hongu glaciers, on to Loboche, and Namche Bazaar. Basic mountaineering knowledge and experience is required.

(710) Mexico, Glimpses of Past and Present—November-December (four weeks). Leader, Ray Des Camp, 510 Tyndall Street, Los Altos, CA 94022.

Our travels will take us through both modern and pre-Columbian Mexico from Mexico City to the Gulf of Tehuantepec and Yucatan. We'll see Taxco, Puebla, Oaxaca, Vera Cruz, and take time to visit beaches near Tehuantepec and Merida. Samples of Mexico Antiquo will cover sites varying in age from Cuicuilco, the oldest man-made structure in the western hemisphere.

Further information on the 1977 Foreign Trips will be published in the June 1976 *Sierra Club Bulletin*. Trip Supplements for the 1977 Foreign Trips may not be available until late spring or summer.

SERVICE TRIPS

Service Trips offer an opportunity for you to enjoy wilderness camping and at the same time make a worthwhile contribution to the conservation of the remaining wilderness areas of our country. Those who go on our trips, heavily subsidized over the years by the Outing Department, the Sierra Club Foundation and others, will find themselves working closely with Park and Forest Service rangers. Both Forest Service and National Park officials have enthusiastically endorsed our efforts, which have not only resulted in much valuable work being done, but have convinced all concerned that we are working for the same ends.

On a service trip you can practice do-it-yourself conservation on a mountain project where you might unearth an old trash dump, cut fallen logs from a trail, remove traces of an old campfire site, tear apart a wrecked airplane, pack in food for a ranger in a remote lookout tower, or dismantle an old abandoned cabin.

There are three basic types of work parties—clean-up projects, trail maintenance crews, and special projects. Clean-up projects may concentrate on an area with abandoned structures needing removal, an area blighted with an airplane wreck, or a lakeshore or trail with abundant litter. Trail crews focus on constructing new trail, re-routing a poor section of trail, or doing maintenance on an existing trail, all with the goal of lessening impact or eliminating hazards. Special projects include Sherpas, forestry projects, and research projects. Often an outgrowth from an unusual request, special projects give the hardy, experienced adventurer an excellent chance to work more closely with the Forest or Park Service agency.

Most Service Trips are held in areas of the National Wilderness Preservation System or National Parks, so there is plenty of beautiful country to enjoy. Trips are scheduled so approximately half the days are spent working on the project itself. The rest of your time is for enjoying the area in whatever way you desire—swim in a lake, climb to a vista, sit in the sun, explore the fauna and flora, or just loaf. You will discover that there is a great deal of camaraderie to be shared with other trip members at meal time, around the campfire, on hikes, and while working on the project itself. The accent is on an easy mountain life, and everyone has an opportunity to share with communal chores and cooking.

Most of the summer projects cost \$50.00; all require a \$25.00 deposit. This represents only part of the real trip cost—generous donations from individuals combine with Outing Committee subsidy to keep fees low. Trip size will usually vary from 20 to 30, including the staff and a volunteer physician. Minimum age is 16 years. Final acceptance of all trip applicants will be determined by the individual trip leader.

All personal gear (limited to 20-25 lbs.) is packed by the participant. Trail projects usually have pack support to carry in tools and food, while cleanup groups often carry their entire ten-day supply of food and equipment on their backs. Any Service Trip can be fairly rigorous and require that a participant be in good physical condition. If you feel you can physically handle and enjoy the work, then we welcome you. However, please reflect carefully before applying for a trip; some are much more strenuous than others. If you are not sure if you can handle the amount of hiking or work which will be required, don't hesitate to write the trip leader or the Outing Department asking for a trip supplement with further information on which to decide.



Rondal Partridge

So, why don't you enjoy a trip this summer that will give you the best time possible in the mountains while contributing something practical to wilderness maintenance. You can anticipate a bit of rough work, vivid scenery, and strong friendships. But most of all, we hope that you end feeling like one chap who was asked whether he and his trip comrades wanted a plaque to commemorate their hard work. To which he replied . . . "We'll remember what we did. That's enough."

DOCTORS . . . Service Trips need you! There are still a few openings on our 1976 trips. For further information regarding a totally unique wilderness vacation, please contact: Robert Korns, M.D., 519 Sapphire, Redondo Beach, CA 90277.



Mel Williamson

Clean-up Projects

(230) Cottonwood Lakes Basin Wilderness Restoration, John Muir Wilderness, Sierra—July 1-10. Leader, Alan Schmierer, 231 Erica Way, Portola Valley, CA 94025.

The dark, jagged, forbidding peaks of the spectacular Kaweah Crest will be our constant companions as we eliminate fire rings and collect litter. This outing shall change camp several times to mitigate impact; trip members should be prepared to help carry community food and equipment.

(231) Kearsarge Lakes, Kings Canyon Park, Sierra—July 12-21. Leader, Kelly Runyon, 2715 Hillegas, Berkeley, CA 94705.

The sheer granite cliffs and domes of the Kings Canyon high country will oversee our work as we eradicate fire rings at Kearsarge and Rae lakes. We'll also remove a wrecked airplane near Castle Domes. Swimsuits and fishing gear recommended!

(233) Sweetwater Gap—Warbonnet Peak Backpack, Wind River Range, Wyoming—July 18-29. Leader, Alan Schmierer, 231 Erica Way, Portola Valley, CA 94025.

Boldly carved peaks, sparkling granite, and splendid tarn lakes will provide a memorable backdrop for our strenuous backpack route. We will concentrate on clean-up and fire ring obliteration, although some trail clearing will add variety. We'll be over 10,000 feet at all times; backpacking experience is required.

(234) Atwood Lakes, High Uintas, Utah—August 2-11. Leader, Steve Silverman, 4122 E. Poe St., Tucson, AZ 85716.

Although winter snows delay final selection of the exact work project, we can promise a multitude of fishable alpine lakes above 11,000 feet. Stunning red river gorges, lovely aspen, and a climb of 13,528-foot Kings Peak should draw us from our remote base camp.

(235) Slickrock Wilderness, Nantahala Forest, North Carolina—August 15-21. Leader, Ann Fraser, Box 113, University of Scranton, Scranton, PA 18510.

Located in a narrow deep valley near the Smoky Mountains Park, this ambitious job will clean up old fishing camps and improve trails along Slickrock Creek, a natural trout stream in a recently established wilderness area. Higher peaks (5600) offer day hikes and two falls are near our base camp for swimming holes.

(236) Lake Colden Backpack, Adirondacks, New York—August 21-28. Leader, Philip Titus, Caller Box 5000, Canterbury School, New Milford, CT 06776.

This is a moderately difficult backpack into the heart of the Adirondacks. The removal of litter, burying of old campers' dumps and the refurbishment of lean-tos will help maintain the beauty of the area. Off days will be spent at the lakes or exploring nearby peaks which are the highest of this range.

(237) Parker Lake Airplane Wreck Backpack, Inyo Forest, Sierra—August 25-September 4. Leader, Kelly Runyon, 2715 Hillegass, Berkeley, CA 94705.

Let's return to the stark alpine setting of Mt. Lewis and complete the removal of a C-47 cargo plane that crashed in 1945. The second half of the trip will be sheer pleasure, devoted to trekking in the rugged Minarets Wilderness.





Trail Maintenance

(244) Cranberry Back Country Service Trip, Monongahela Forest, West Virginia—June 19-26. Leaders, Nan and Dave Porterfield, R.D. 2, Box 173, Zelenople, PA 16063.

This moderate trip in one of the few real wilderness areas in the East should provide a great opportunity to fish and swim in unpolluted streams and rivers and observe wildlife while collecting litter and maintaining trails.

(245) Pacific Crest Trail, Tahoe Forest, Sierra—June 30-July 9. Leader, Peter Friedman, Box 225, Cowell College, UCSC, Santa Cruz, CA 95064.

Our third year on the Pacific Crest Trail here affords a fine opportunity to work on and explore around this famous trail. We'll have ample time to relax at our low base camp, or fish, peak bag, or even snowfight.

(246) Renshaw Lake, Sun River District, Montana—July 2-11. Leader, Bill Bankston, 524 N. 16th St., Springfield, OR 97477.

(248) Renshaw Lake, Sun River District, Montana—July 13-22. Leader, John Eibert, Jr., 167 Montrose Pl., St. Paul, MN 55104.

Enjoy a tranquil alpine meadow and wildflower setting in the Bob Marshall country. These trips will undertake a major trail re-route to isolated Renshaw Lake. Nearby our base camp is Sheep Shed Mountain (7629 feet) which offers continual sightings of bighorn sheep, while the famous Sun River Canyon is but a day's walk.

(247) Tyee-George Lake, John Muir Wilderness, Sierra—July 6-15. Leader, Steve Silverman, 4122 E. Poe St., Tucson, AZ 85716.

We hope to raise the trail from a fragile meadow up onto granite surface. High peaks, such as 13,600-ft. Mt. Tom, and excellent fishing should draw us from our base camp, which is reached after a hike nine miles and 3000 feet to the head of the Pine Creek drainage.

(249) Steelhead Lake, John Muir Wilderness, Sierra—July 18-27. Leader, Steve Silverman, 4122 E. Poe St., Tucson, AZ 85716.

Hike 7 miles and 2000 feet up into beautiful McGee Creek on Sierra Nevada's east side, where we'll base camp and replace one mile of trail eroded in a recent flood. There'll be great off-day hiking to top secret 24" trout lakes; 13,000-foot Mt. Morgan lingers nearby.

(250) Harrison Lake, Selkirk Range, Idaho—July 18-27. Leader, John Kassel, Box C 3059, Middlebury College, Middlebury, VT 05753.

We return to finish the Harrison Lake (7600 feet) trail, astride the knifelike, granite Selkirk Crest just south of Canada. Expect fine fishing at some spectacular snowy lakes, as well as a chance to see the only caribou herd in the continental states.

(251) Deep Creek, Teton Ranger District, Montana—July 25-August 3. Leader, Melissa Brown, 30 Hoxey St., Williamstown, MA 01267.

This trip completes the switchback trail re-route high in the proposed Deep Creek Wilderness. A remote base camp amid this Continental Divide back-country assures stunning scenery and solitude—a real feeling of the Montana Big Sky is ever-present.

(252) Mirror Lake, Spanish Peaks, Montana—August 3-12. Leader, John Kassel, Box C 3059, Middlebury College, Middlebury, VT 05753.

Our project will be trail reconstruction of a section wiped out by a violent winter avalanche. The trip offers fine opportunities to venture into less traveled regions of the beautiful Spanish Peaks high country. Moose, elk, and other wildlife may be viewed on an exquisite mountainscape.

(253) Moose Creek, Selway-Bitterroot Wilderness, Montana—August 7-16. Leader, Melissa Brown, 30 Hoxey St., Williamstown, MA 01267.

The job will be to decrease man's impact by re-routing trails around meadows and bogs. There will also be plenty of time for hiking, swimming, and exploring the verdant parks and remote peaks of this largest American wilderness.

Mel Williamson





Mel Williamson

(254) Huckleberry Ridge, Teton Wilderness, Wyoming—August 15-24. Leader, Bill Bankston, 524 N. 16th St., Springfield, OR 97477.

Located close enough to Grand Teton National Park to offer spectacular views of the rugged Teton Range. Trail re-routing includes some bridge building, and possibly construction of game grazing enclosures.

(255) Collegiate Peaks, Pike-San Isabel Forest, Colorado—August 24-September 2. Leader, John Stansfield, 630 N. Cascade #4, Colorado Springs, CO 80903.

After backpacking eight miles to Pine Creek Basin, we will undertake a difficult relocation of two miles of trail. Off days assure exploration of subalpine meadows and forests along Pine Creek, as well as the numerous 14,000-foot peaks. Experience at high altitudes is a prerequisite.

(256) Seven Lakes Basin, Olympic Park, Washington—August 25-September 3. Leader, Kevin Ahern, 1863 30th Ave., San Francisco, CA 94122.

We will concentrate on water barring and minor re-routes, with abandoned sections being reseeded. On off days you will find the ridge above camp offers spectacular vistas of Mt. Olympus, while our lake basin is fine for every sort of rambling.

(260) Superstition Wilderness, Arizona—December 27-January 2. Leader, Rodney Ricker, 2013 W. Windsor, Phoenix, AZ 85009.

There will be an opportunity to clean up some trails in the eastern part of the Superstition Mountains, less than 100 miles from Phoenix. Warm days, cool nights and running streams make this a pleasant winter outing.

Special Projects

(239) The Olympic Sherpa, Washington—July 2-30. Leader, Chris Crane, M.U. Box 7, Bowdoin College, Brunswick, ME 04011.

(242) The Olympic Sherpa, Washington—August 2-30. Leader, Mary Hall Reno, Box 959, Reed College, Portland, OR 97202.

Join us in backpacking food and tools to back-country destinations in order to lessen impact of mules and helicopters previously used. The group will also assist the park in scouting trail conditions. Ten hardy individuals can anticipate long hikes across superb country as well as rustic life at a Park Service cabin on Lake Crescent.

(240) Siberian Outpost Meadow Restoration, Sequoia Park, Sierra—July 25-August 7. Leader, Kevin Ahern, 1863 30th Ave., San Francisco, CA 94122.

We begin the second phase of this very ambitious project. Work focuses on the reseeding of trail near Siberian Outpost, as well as installation of check dams. The aim is to eliminate all traces of the old path. We shall enter the Outpost back-country by a two-day walk in from Mineral King, and knapsack out to Mineral King.

(241) Feather Woman Wilderness Trail Crew, Montana—August 2-21. Leader, Alan Schmierer, 231 Erica Way, Portola Valley, CA 94025.

This first-ever project will assist Lewis and Clark National Forest survey trail conditions and serve as one of its roving trail crews. We'll also undertake a fire fuel inventory to help determine where forest fires can be allowed to burn naturally. This will be a strenuous project and is limited to ten individuals. Strong wilderness backpacking experience is required.

(243) Olympic Park Research Project, Washington—August 13-22. Leader, Kevin Ahern, 1863 30th Ave., San Francisco, CA 94122.

Participants on this trip will continue survey efforts begun last year. Work will concentrate upon assessing vegetation recovery at fire ring and trample sites and upon gauging the effects of so-called social trails. We will be based in Seven Lakes Basin.



WATER TRIPS

Again we offer adventures and exhilarating experiences with nature from the vantage point of water, going places and seeing things that can seldom be experienced in any other way, whether on a raft, Mexican boat trip or paddling your own canoe. Some of the rivers run are in the Wild Rivers System, others are threatened with dams, all are worth a personal visit. On all trips unless otherwise specified bring your own camping gear.

Canoe Trips give the trip members a chance to be part of the action, whether it be running rapids, picking blackberries from a canoe or gliding quietly by a feeding moose. The leader offers advice in paddling and water safety as needed. Your craft carries your own gear, part of the commissary gear and food; you share in cooking at the beach campsites. Canoes are provided on some of the trips. Paddling skills needed vary with the trip but swimming ability is required for all. Leader will screen applicants.

Raft Trips combine the excitement of whitewater rapids with enjoyment of the natural beauties and wonders of wild river areas. Most of these trips are on rivers that many of us have worked hard to preserve, and some are in areas where the battle continues: see for yourself how worthwhile these efforts in conservation have been and continue to be. Our outfitters are carefully selected for a record of providing good equipment and food. They also have boatmen who not only get us safely down the river but who have the ability to pass on some of their knowl-

edge and to impart some of their love and respect for the area and its details. Most trips are oar-powered with relatively small rafts . . . no motor fumes or noise, and fewer people per boat lend greater awareness and appreciation. Magnitude of rapids varies with river and season. Sierra Club leaders usually succeed in bringing to the group a happier, more memorable experience and a better understanding and appreciation of the wild nature they see, and of their fellow trip members than is had with most commercial trips.

Boat Trips take you by powered boat from one beach campsite to the next for memorable experiences with marine life, aquatic birds, frequently very beautiful beaches for swimming, sunning, snorkeling, fishing. Our efforts for the preservation of the beaches directly involve the conservation of endangered species including turtles. Unusual menus from local produce, and interesting contact with local fishermen, and others in out-of-the-way places make these trips very well received. Bring your own camping and eating gear.

Leisure Boat Trips are similar to Boat Trips but do not involve camping on beaches; trip members sleep and eat on the boat. These are designed for those who want to participate in a Sierra Club group trip, but who are not able to handle the scrambling in and out of boats or setting up camp on the beaches. See also other boat trips listed elsewhere in this issue.

Canoe Trips

(300) St. John River, Maine—May 18-29. Leader, Tony Josepher, 339 Cold Spring Rd., Syosset, NY 11791.

Canoe 110 miles from Baker Lake to Allagash, through one of the last remaining eastern wilderness areas. The area is heavily forested, providing cover for moose, bear, heron and osprey. Our schedule will be leisurely with time for hiking, bird watching and rerunning some of the rapids. The St. John is a free flowing river with many easy and several heavy rapids. Unless the water level is dangerous, we will run all of the rapids with gear in the boats. Applicants must be capable of handling an open canoe in class 3 water. Canoes are provided.

(301) Buffalo National River, Arkansas—May 30-June 5. Leader, Harold Hedges, Ponca, AR 72670.

Enjoy six days of canoeing on the Buffalo River of northwest Arkansas. This wilderness-like trip on 70 miles of America's newest National River begins in the Boston Mountains 14 miles south of Harrison, Arkansas. The Buffalo offers challenge to the paddler, excellent swimming, unsurpassed scenery and clean gravel bars for camping. Days are warm and sunny, nights are cool and nearly insect free. Prior canoeing and camping experience are necessary. Canoes and excellent food are provided.

(302) Southern Appalachian White-Water Canoeing Base Camp, Georgia, North Carolina, Tennessee—June 5-12. Leader, Tom Hamby, 4184 Brawley Dr. N.E., Atlanta, GA 30319.

We will make six runs on five different rivers, each increasing in difficulty and each with unique character. The ultimate in open boat canoeing will be the famous Chattooga, setting for the movie *Deliverance* and now protected under the Wild and Scenic Rivers Act. Other rivers, including the Nantahala, Land of the Noon Day Sun, Chattahoochee, Little Tennessee and Chauga will offer a challenge to the intermediate paddler. Participants must be in good physical condition and have a

thorough knowledge of basic white-water canoeing safety and skills. We will drive each day from our centrally located primitive base camp. There will be an optional lay-over day or your choice trip. Canoes are not provided.

(303) Gasconade River, Leisure Canoe Trip, Missouri—June 6-12. Leader, Jackie E. Kerr, P. O. Box 5002, Springfield, MO 65801.

A six day moving trip on an Ozark stream which is well known for its relatively calm water, many springs, spectacular bluffs and abundance of caves in an oak-hickory forest. The pace will be leisurely, allowing plenty of time for photography, fishing, swimming, etc. The Gasconade and its tributaries are currently under study status for inclusion in the National Wild and Scenic River System. Forest Service and other administrating personnel will join us periodically to discuss and explain proposed management of the river. Basic river canoeing experience is required. Minimum age is 12 years. Canoes will be provided.

(304) Scenic Rivers, Wisconsin-Minnesota—June 13-19. Leader, Glenn J. Hall, 2855 Rice St., Roseville, MN 55113.

Beginning near Trego, Wisconsin, our trip will wind for 95 beautiful miles down the Namekagon and St. Croix National Scenic Rivers to the old Nevers Dam, landing above Taylors Falls, Minnesota. The trip is not strenuous, the rapids are not difficult, and there are no portages. Basic swimming skills are necessary and previous river canoeing experience will be helpful. Camping will be at primitive sites along the heavily wooded shoreline, or on islands. Everyone will share in food preparation and clean-up. Canoes will be furnished. Minimum age 15.

(305) Main Eel River, Northern California—June 14-20. Leader, Judy Hacker, 303 Johnstone Dr., San Rafael, CA 94903.

We begin our trip down the turquoise-colored Eel at Alderpoint. The river winds through oak-studded hillsides, past streams asking to be explored, and shares a narrow canyon with a railroad track giving the paddlers

Jim Lucas



a chance to wave at the twice-daily lumber trains. The canoeing is fairly easy with a few turns, logs and riffles for some interest. It's a daily temptation to sample each sandy beach and deep swimming hole. Other activities are blackberry picking and a hike to an Indian ceremonial rock. Minimum age 20 years. Canoes are provided.

(306) San Juan Islands, British Columbia, Canada—June 20-27. Leader, Lois Pickett, 4409 Alma Ave., Castro Valley, CA 94546.

Enjoy the ever-changing moods of the sea, the rocky shores and forested islands, and the abundant fresh seafood of Canada's beautiful San Juan. We put in near Nanaimo on Vancouver Island, then paddle along narrow but sheltered passages between the islands exploring as we go. Campsites will be where we can enjoy the interesting wildlife and the spectacular sunsets of this area. Participants should have some boating experience and be able to swim. Minimum age is 12. Bring your own canoe or rent in Vancouver.

(307) Main Eel River Upper Teenage Plus, Northern California—June 22-28. Leader, Carol Dienger, 3145 Bandera Dr., Palo Alto, CA 94304.

We start at the little country town of Alderpoint, to wind down the blue-green river, with its hilly, tree-dotted banks. Many side streams beckon enticingly to the adventurous, and we may get a chance to wave at the lumber trains that sometimes share our canyon. It's an easy trip, with just problems enough to make it interesting. Every day we will see sandy beaches and deep swimming holes. Blackberries may be ripe, and there is an Indian ceremonial rock to be visited. A good chance for high school and college students to get that away from it all feeling. Minimum age 16, canoes are provided.

(308) Quetico-Superior Leisure Trip, Minnesota-Ontario—June 27-July 10. Leader, Stu Duncanson, 1754 Ryan Ave. W., Roseville, MN 55113.

Listen to the loons, angle for trout, walleye or bass, search for meaning in the Indian rock paintings, study the geology of the Canadian Shield, or read and relax on the five layover days. On moving days we will paddle and portage 10 or 12 miles over paths of the Ojibwa and the Voyageurs. The trip will begin in the Boundary Waters Canoe Area and move into Quetico Provincial Park. Camp and commissary chores will be shared. Basic canoeing skills are required. Minimum age 15, 14 with a parent. Canoes provided.

(309) Apostle Islands, Wisconsin—July 25-31. Leader, John Wheeler, 2690 Huron, Roseville, MN 55113.

Experience the largest body of fresh water in the world as the early explorers did, paddling in large, replica fur-trade canoes. The North Country sings of clean air and crystal clear waters. Caves, arches, cliffs and beaches are a part of the drama presented, as waves and currents continue to work as they have through the millenia. We become a part of this drama . . . the Lake Superior experience . . . unmatched anywhere in the world for its charm, power, and exquisite beauty. Minimum age 12 years with parent, 18 years without. Canoes are provided.

(310) Missinaibi River, Ontario, Canada—July 27-August 7. Leader, Dick Williams, 324 N. Edison St., Arlington, VA 22203.

This strenuous, unscouted outing follows an historic fur-trade route across northern Ontario almost to James Bay. Our 200-mile journey from Mattice, where a highway crosses the river, to Moosonee will include about three layover days. We will portage major rapids but run class 2 & 3 white water. The railway from Moosonee to



Sue Osborne

Cochrane permits return at reasonable cost. Participants must have camping and white water canoeing experience. Minimum age is 18 years. Canoes not provided; rentals are available.

(311) Trinity-Klamath Rivers, Northern California—July 29-August 3. Leader, Ann Dwyer, 125 Upland Road, Kentfield, CA 94904.

Remnants of early-day mining activities, bear prints, and some good rapids combine to make this an adventurous trip. With pleasant summer weather, almost no mosquitoes, and deep swimming holes by jumping-off rocks and sand beaches, what could be more inviting? For 50 miles we will paddle from Hawkins Bar on the Trinity River to Johnsons (21 miles below Weitchpec) on the Klamath River. Canoe and river running experience required. Canoes not provided. Minimum age 14 years.

(312) Killarney Natural History Adventure, Killarney Park, Ontario, Canada—August 7-14. Instructor, Gustav Yaki. Leader, Carl Denison, 199 Lake Shore Dr., Brookfield, CT 06804.

Killarney Provincial Park is unusually beautiful, because numerous inland lakes are nestled among the La Cloche Mountains, the only white quartzite mountains in North America. Day hikes to observe plants, birds and animals with a professional naturalist will be from base camps on the shores of the inland lakes. Transportation between base camps will be by canoe with moderate portages between lakes. The total canoeing distance will be about twenty miles, all of it on lakes. Canoes are provided; minimum age is 12.

(313) Klamath River Trip, Northern California—August 9-15. Leader, Judy Hacker, 303 Johnstone Dr., San Rafael, CA 94903.



Clark Natthemper

(315) Klamath River Trip, Northern California—August 25-31. Leader, Bill Bricca, P.O. Box 159, Ross, CA 94957.

Klamath, near the ocean, is where we will board the jet-boat (canoes and all) for a guided tour upriver about 32 miles to our first campsite. After two days of learning and reviewing canoeing skills we will start our slow journey back down the river. En route we will see Indians catching fish in nets, bear prints (maybe even the bear!), canoe cedars (used by the Indians for making canoes) and hear the cry of the far-off mountain lion. Swimming, fishing and hiking will be daily activities. The weather should be warm and sunny upriver but a bit cooler as we near the ocean fogs. Minimum age 20 years. Canoes provided.

(314) Kipawa Reserve, Quebec, Canada—August 9-19. Leader, Mike Maule, Rt. 14, Box 334, Richmond, VA 23231.

We will benefit from two years' exploration to avoid the more rigorous portages and yet canoe into the most secluded areas of this beautiful western Quebec wilderness of clear water and deep forests. This moderate trip will cover 70-80 miles with ample time for leisure exploring, photography, fishing, and bird watching from beach and forest campsites. Participants must have canoeing and camping experience. Minimum age 16. Canoes not provided; rentals available.

(316) Rio Grande Canyons, Texas—October 16-23. Leader, John Baker, 115 E. Woodin Blvd., Dallas, TX 75216.

We will run through the magnificent desert canyons of the Rio Grande between Texas and Mexico. The river here has a strong flow with many safe but exciting rapids. Along the way, we will pass through the awesome Chihuahu Desert and observe fantastic volcanic and erosional formations. We will stop early in the afternoon to allow time for climbing, hiking and exploring Indian sites. Participants must provide their own canoes or kayaks. This trip is limited to 20 properly equipped and capable paddlers in good physical condition and with good canoeing skills.

(317) Dismal Swamp, Virginia and North Carolina—October 24-30. Leader, Mike Maule, Rt. 14, Box 334, Richmond, VA 23231.

Dismal? The second largest lake in Virginia, narrow passages through dense woods, broad bays bordered by expanses of reeds and walls of trees all combine with a myriad of bird and plant species to make it beautiful and

fascinating. We will canoe Lake Drummond on the new Fish and Wildlife Refuge and the Northwest River in very different areas. Moderate. Participants must have canoeing and camping experience. Minimum age 16. Canoes not provided; rentals available.

(318) Boquillas Canyon, Texas—November 21-27. Leader, David Hollingsworth, 2600 Dellana Lane, Austin, TX 78746.

Boquillas is a wild, spectacular canyon with high, jagged cliffs, fascinating side canyons with deep, narrow slots and quiet glens, and large, grass-covered vegas ideal for camping. Novices and families with children over five can easily make this six-day trip which emphasizes slowly canoeing the main canyon and hiking the side canyons on both sides of the border. Canoes are not provided; rentals are available.

Boat Trips

(406) River of Ruins Raft Trip, Guatemala & Mexico—March 4-19. Leader, Frank Hoover, 900 Veteran Ave., Los Angeles, CA 90024.

Rafting down the River of Ruins (Rio Usumacinta), visiting Maya ruins of Yaxachilan and Piedras Negras, exploring tropical jungle, and having fun in the back country of Guatemala and Mexico makes this an irresistible trip. Participants will row the boats, help in organization and transportation, and (hopefully) learn much about running river trips. Camping in this tropical jungle is not hard, weather is warm, and the trip is not particularly strenuous.

(407) Sea of Cortez Leisure Boat Trip, Mexico—April 3-10. Leader, Rouen Faith, 6122 Montgomery Ct., San Jose, CA 95135.

(408) Sea of Cortez Trip—April 10-17. Leader, Monroe Agee, 13750 Rivulet Rd., San Jose, CA 95124.

(409) Sea of Cortez Trip—April 24-May 1. Leader, Frank Hoover, 900 Veteran Ave., Los Angeles, CA 90024.

These cruises are adventures in sea life, designed to meet the requirements of both the physically active and lazier ones. The three trips go between La Paz and San Felipe. These are coastal trips along the east coast of Baja California. We will visit exotic islands and observe the abundant sea life of whales, dolphins, sea lions, frigate birds, boobies and pelicans as they go about their undisturbed way.

(411) Puerto Vallarta, Mexico—November 8-20. Leaders, Ellis and Margaret Rother, 903 Sunset Dr., San Carlos, CA 94070.

Our adventure begins with two full days to enjoy Puerto Vallarta. Then we board native fishing pangas and shove out into the clear blue Pacific to travel along 100 miles of Mexico's west coast. We load and unload through the breakers, camp on exciting lonely beaches with a backdrop of tropical jungle and visit primitive villages. We will be able to snorkel and dive along the reefs, fish, and hike on beaches and jungle paths. The surf, humidity and outdoor exposure make this a trip for active, experienced campers. Minimum age is 14.

(414) Whale Watching Leisure Boat Trip, West Coast of Baja, Mexico—Mid January 1977. Leader, Monroe Agee, 13750 Rivulet Rd., San Jose, CA 95124.

Six days round-trip San Diego to San Ignacio Lagoon, birthplace of the whales. We stop at islands, uninhabited except for occasional groups of Mexican fishermen. We see elephant seals during their breeding season, harbour

seals and California sea lions. We observe nesting birds, descend a lava tube and climb a volcanic crater. This trip is dedicated to save the whales.

River Raft Trips

(270) **Grand Canyon Oar Trip, Arizona—May 4-15.** Leader, Wes Farrand, 3380 Cork Oak Way, Palo Alto, CA 94303.

(272) **Grand Canyon Oar Trip, Arizona—May 21-June 1.** Leader, Hunter Owens, 23101 Capistrano Way, Los Altos, CA 94022.

(281) **Grand Canyon Oar Trip, Arizona—June 26-July 7.** Leader, Martin Friedman, 353 Montford Ave., Mill Valley, CA 94941.

(284) **Grand Canyon Oar Trip, Arizona—July 13-24.** Leader, Ann Dwyer, 125 Upland Rd., Kentfield, CA 94904.

(285) **Grand Canyon Oar Trip, Arizona—July 31-August 11.** Leader, Bill Huntley, 2583 Lancaster Rd., Hayward, CA 94542.

This is perhaps the greatest combination of canyon beauty, majesty, detail and variety of nature in 225 miles of peaceful river and wild exciting rapids to be found anywhere. Only 4-5 persons share the 17' x 7' inflated rafts with professional oarsmen. Important to Sierra Club members is the very sensitive approach of the outfitter; we stop frequently to see, feel, smell and learn about the many wonderful things and places that are normally missed with most commercial trips. Minimum age is 15 (18 solo). Cost includes round-trip transportation from Flagstaff, Arizona.

(274) **Dolores River, Paddle-raft, Colorado—May 31-June 5.** Leader, Jerry Kalman, 6240 E. Charter Oak Rd., Scottsdale, AZ 85254.

The Dolores River, currently being considered for protection under the Wild and Scenic Rivers Act (see *SCB* August/September), is a river unique in the West. In the 100 river miles encompassed by the trip, the river flows through several climatologic and geologic zones. Flowing north in an area where most rivers flow west or south, the Dolores offers both white water excitement and outstanding nature study. Cost includes transportation from Durango, Colorado.

(283) **Middle Fork of the Salmon River, Idaho—July 10-15.** Leader, John Garcia, 165 Random Way, Pleasant Hill, CA 94523.

(286) **Middle Fork of the Salmon River, Idaho—August 3-8.** Leader, John Barnard, 1 El Capitan, Mill Valley, CA 94941.

(289) **Middle Fork of the Salmon River, Idaho—August 19-24.** Leader, Victor Monke, 9400 Brighton Way, Beverly Hills, CA 90210.

Riding in small, four-man rafts down this exciting and beautiful river, one gets a feeling of complete harmony with the wilderness world. This unique trip encompasses deep gorges, pools, and white-water rapids passing through wooded canyons, fishing, swimming, and a long, lazy dip in the hot springs. Our last day, through Impassable Canyon, brings us to the confluence of the Main Salmon, 110 miles from the starting point. Minimum age 10 years (18 solo). Cost includes transportation from Boise, and to Salmon, Idaho.

(271) **High Water Main Salmon Raft-Horseback**

Trip, Idaho—May 9-14. Leader, Rouen Faith, 6122 Montgomery Ct., San Jose, CA 95135.

Combine a fast, rugged 90-mile raft trip down the River of No Return with a comfortable stop at Shepp Ranch after camping a few nights by the river. A horseback ride of 15 miles up beautiful mountain canyons leads to a ghost mine camp. Horseback experience is not required. The last day on the river ends near Riggins, Idaho. Trip fee includes float trip, horses, commissary, cabins and guide services. Minimum age, 15 (18 solo). Cost includes transportation from Salmon and to McCall, Idaho.

(273) **Owyhee River, Oregon—May 29-June 2.** Leader, Dawn Cope, 2150 San Vito Cir., Monterey, CA 93940.

The Owyhee River of eastern Oregon takes us through one of the most rugged and colorful river canyons in the northwest. Prolific and varied bird populations as well as other forms of wildlife make this an outstanding trip for nature lovers. Unusual geologic formations, hot springs, cool side streams, old homestead sites, good rapids all add interest to this little known corner of the west. Minimum age is 8. Car shuttle available.

(275) **Rogue River, Oregon—June 7-11.** Leader, Steve Anderson, 1082 Lucot Way, Campbell, CA 95008.

(282) **Rogue River, Oregon—July 5-9.** Leader, Russell Snook, 730 W. Edmundson Ave., Morgan Hill, CA 95037.

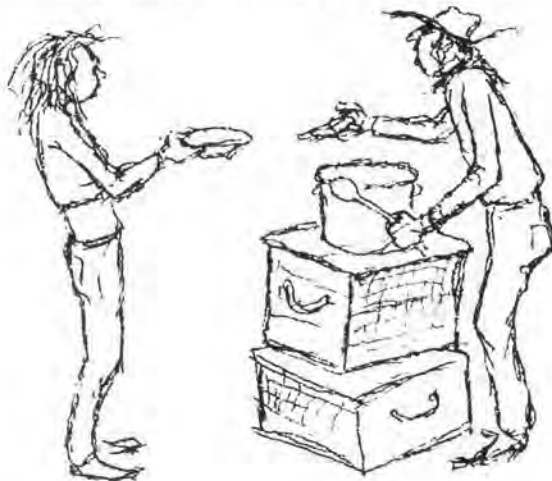
(287) **Rogue River, Oregon—August 9-13.** Leader, Blaine Le Cheminant, 1857 Via Barrett, San Lorenzo, CA 94580.

For five idyllic days we raft down the Rogue River. Calm, beautiful stretches of river are interspersed with exciting rapids. Each night we camp on a river bank in a setting of complete wilderness. The last day of the trip is through Mule Creek Canyon, a wild and beautiful, narrow river defile ending near Agness. This is a fine family trip which includes time for swimming and exploring. Minimum age, 8 years. Car shuttle available.

(276) **Hells Canyon of the Snake River, Idaho—June 11-16.** Leader, Kurt Menning, P.O. Box 582, San Jose, CA 95106.

(290) **Hells Canyon of the Snake River, Idaho—August 22-27.** Leader, Herb Graybeal, 29 Country Club Dr., Suisun, CA 94585.

This section of the Snake River flows through the deepest river gorge in North America. Many white-water rapids, fishing, birdwatching, and an ever-changing panorama make this a most popular trip. Continuous conservation effort is necessary in this area. Minimum



age is 8 (18 solo). Cost includes transportation from Boise, and to Lewiston, Idaho.

(277) North Platte Wilderness, Colorado-Wyoming—June 11-17. Leader, Sandy Leake, 1360 Clinton, Aurora, CO 80010.

(280) North Platte Wilderness, Colorado-Wyoming—June 22-28. Leader, Sandy Leake; address above.

Come float with us and delight in such varied landscapes as rugged, often sheer canyon walls, fir and spruce forests, intermontane parks, serene meadow-lands and thick cottonwood groves. Each day will end camped in an isolated and pristine area. For those seeking the thrill of white-water, the chance of photographing Rocky Mountain bighorn sheep, the golden and bald eagle and other abundant wildlife, and for those who seek the peace and serenity only a wilderness area can afford, this trip may be the answer. Minimum age 12.

(278) San Juan River, Utah—June 21-26. Leader, Debbie Douglas, 3825 Monterey Blvd., San Leandro, CA 94578.

Southwestern Colorado is the setting of the San Juan River. It runs from the mountains through the spectacular canyonlands of the Colorado plateau where colorful stratified rock forms a deep narrow gorge. We ride through frequent rapids, and take side hikes up Chinle Wash, Slickhorn, and Grand Gulch. We explore the river banks, on which are found some of the finest panels of ancient Indian petroglyphs. This is an outstanding wilderness adventure.

(279) Westwater-Cataract Canyon Raft-Hiking Trip, Utah—June 21-27. Leader, Rolf Godon, P.O. Box 991, Tahoe City, CA 95730.

For seven days we raft and hike into magnificent canyons and mesas few men know. The trip starts on Westwater Canyon north of Moab, Utah. Then overland through buttes and spires to the Stillwater Canyon of the Green River. Rafting to the confluence of the Green and Colorado rivers we layover for a hike to the remote Valley of the Dolls. A final run through Cataract Canyon, the most active stretch of rapids on the entire Colorado River brings us to trip end at Hite, Utah on Lake Powell. Minimum age 14 years.

(288) "River of No Return," Main Salmon River, Idaho—August 16-21. Leader, Greg Horner, 479 Sims Rd., Santa Cruz, CA 95060.

The "River of No Return" flows from east to west through the marvelously wild heart of central Idaho. The trip starts at the confluence of the Main Salmon and Middle Fork, west of Shoup, and ends near Riggins. The river is a delightful blend of exciting rapids and fast-flowing intervals. Even though No Return Canyon is one of the deepest on the North American continent, there is a wonderful openness and gentle beauty to the grassy and tree-studded slopes. Besides the rapids, white sandy beaches, relatively warm water, and wildlife, make this a fine trip for all ages. Minimum age, 8 years.

(291) Chilcotin-Fraser Rivers, British Columbia, Canada—August 22-31. Leader, Lynn Dyche, 2747 Kring Dr., San Jose, CA 95125.

We start at Vancouver, B.C., then a bus will take us to Campbell River on Vancouver Island. From there we travel by boat to the end of 50-mile long Bute Inlet. We next take a 40-minute, unforgettable float-plane flight over enormous glaciers and high peaks to lovely Chilko Lake. Here our seven days of white-water fun begin, at the Chilcotin and Fraser rivers. We camp out every night and have ample time for good fishing. Minimum age 12.

BICYCLE TRIPS



A unique way of touring, use of a bicycle allows the rider a degree of mobility and freedom that is lacking in many other forms of touring. It conserves fuel and is especially important in Hawaii where 100% of the fuel supply is imported. Terrain variations lend to the overall experience of bicycling with often challenging rides interspersed with lazy cruises. Leader approval is required for all bicycle trips.

(86) Eco-cycling Southeast Minnesota and Western Wisconsin—June 13-27. Leader/Instructor, Elizabeth Barnard, 3505 West 28th St., Minneapolis, MN 55416.

We'll combine cycling with environmental awareness and focus on observation of land use patterns and alternative lifeways, as we visit a house self-sufficient in energy, an organic farm, a planned community and an organic flour mill. We will explore a bike path built on an old RR right-of-way. Living simply, we carry only the necessary equipment, buying food as we go, and exploring the resources of the communities we travel through. Cycling will vary from relaxing to strenuous, with optional rest days.

(87) Maui, Hawaii—July 8-22. Leader, Paul Williams, 4923 Nelson St., Fremont, CA 94538.

The first of two bicycling tours of Hawaii, this trip will include visits to the old whaling village of Lahina, a day of sailing and snorkeling off Lanai, and an in-depth look at the Hana coast. Seven riding days of 25 to 40 miles a day are interspersed with 6 layover days which will be used to visit museums, to snorkel, and to investigate the countryside.

(88) Kauai, Hawaii—July 26-August 9. Leader, John Biestman, 350 De Neve Dr., Los Angeles, CA 90024.

This bicycling tour of the Garden Island will include visits to the beaches of the Hanalei area, Waimea Canyon, and the awesome Na Pali Coast. The trip features six layover days and seven riding days averaging 25 to 30 miles a day. The pace will be leisurely as time may be spent hiking, snorkeling, and exploring the scenery. Commissary duties will be cooperative; 10-speed bikes are required.

(89) Oregon Trail, Western Nebraska—September 12-25. Leader, Faye Sitzman, 903 Mercer Blvd., Omaha, NB 68131.

From Buffalo Bill's home in North Platte, the Oregon Trail leads past Chimney Rock and Scottsbluff Monument. The 600-mile trip includes fossil beds, forts, museums and Toadstool Park in the Wildcat Hills and Pine Ridge before breaking out into the vast prairies of the rolling sandhills. Riding days will be 50-80 miles on 10-speed bikes; meals purchased en route. Commissary duties will be cooperative. Minimum age—15 with parents; 18 without. Partial or complete outfitting available at extra cost.



Herbert Horn

Tips for Wilderness Travel

Suitable clothing varies somewhat with the type of trip taken and the area traveled. One standard rule, however, applies to almost any trip: go light! Jeans are hard to beat, and other staple items include one or two warm sweaters, a light windproof jacket, and adequate rain gear. (A flimsy plastic drop sheet or tube tent is *not* adequate rain gear.) A good pair of hiking boots or shoes is essential. *Cutter's List*, a leaflet by Dr. Robert Cutter on clothing and equipment is sent to applicants for all outings, or on request, and is filled with valuable information.

As with clothing, the most important rule of thumb for outing equipment is to buy the best and travel light. Remember that good quality is not always synonymous with high price, so do some research before you buy. Most trip supplements offer suggestions for personal equipment and indicate which items of general equipment, such as cooking utensils, will be provided by the club. *Knapsacking Equipment* (75c), edited by Jim Watters, contains detailed information on how to judge and select lightweight equipment. Order directly from the outing office.

Each trip leader is supplied with first-aid equipment, but this is for emergency use only. Trip members must bring their own supplies of suntan lotion, insect repellent, bandaids and moleskin. One major source of outing misery is blisters and here an ounce of prevention is worth a pound of cure. Blisters occur principally because people change suddenly from light shoes to "clodhoppers," from nylon stockings to wool, and then expect their feet to get along in this new environment uncomplaining and un-

scathed. But blisters are *not* a necessary evil; many things can be done to prevent their occurrence. First, boots and shoes should be of good last and fit comfortably with an allowance for socks. They should also be well broken in before the first day on the trail. The best combination of socks has proved to be one heavy and one light pair, the latter worn next to the skin. Socks should also fit without wrinkles. If chafing should develop, a supply of foot powder, adhesive tape or moleskin can often eliminate the problem before blisters form.

Practicality and durability are the best measures of quality. Good camping equipment will last you for many years and will be a joy to use.

Test your gear. Learn how to rig a tarp. Try out that poncho—use the shower or the sprinkler if you haven't a storm handy. If it doesn't live up to its advertised qualities, take it back and try again.

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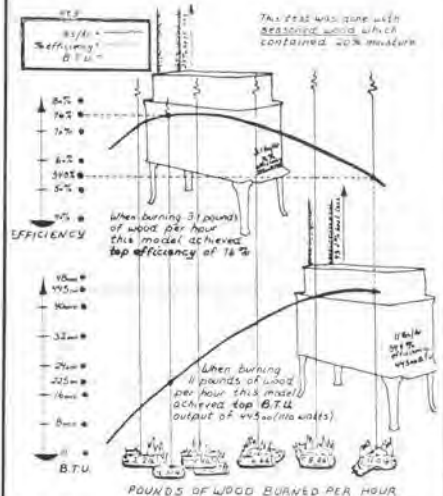
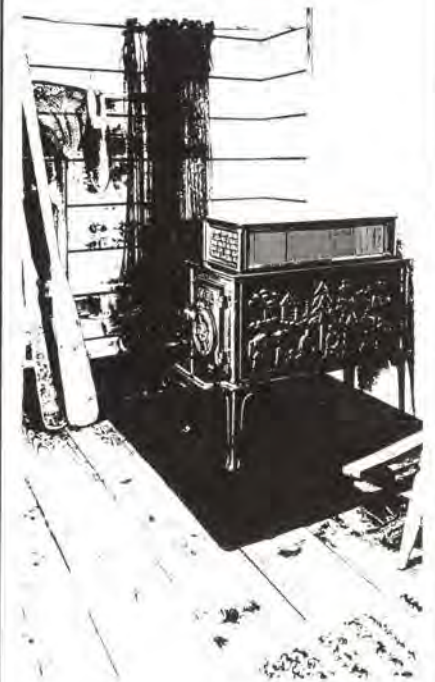
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ALASKAN TRIPS



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An Alaskan wilderness experience will live in your memory long after you return home. Land use decisions are just being made in Alaska and conservation issues are current and critical. These trips and you as participants will have a real influence on how these wilderness areas are used or preserved. The scenery is big, powerful, remote and seldom gentle. Terrain and weather often make heavy demands on the traveler, but the rewards are commensurate. Come and get hooked on the peculiar lure of this awe-inspiring country. Trips to Alaska feature small groups and are expensive, making a late cancellation difficult for the Outing Office, and for you. If you have questions about an outing, send for the supplement before making a reservation.

(50) Admiralty Island High Country Knapsack—June 20-27. Leader, Sandy Sagalkin, Rte 5, Box 5575-B, Juneau, AK 99803.

Start your summer with a week in Admiralty Island's rain forest wilderness, home of the nation's highest concentration of bald eagles, plus brown bear and Sitka deer. Our route covers the full range of Alaska coastal ecosystems, from rain forest to lush alpine meadows above timberline. The hiking is cross country and scrambling, for knapsackers over 15 carrying 35-50 lb. packs. Trip starts in Juneau, and includes air charter costs. Leader will screen applicants.

(51) Alaska Wildlife to Hawaii Greenery—June 22-July 8. Leader, Bill Huntley, 2583 Lancaster Rd., Hayward, CA 94542.

This trip is unique, offering the remote rugged scenery and wildlife of Alaska's Kenai Range in contrast with beautiful beaches and Waimea Canyon on Kauai, the Garden Island of Hawaii. This combination is based on the triangle air fare (not included in trip fee) from mainland to Alaska to Hawaii and return. We will spend 10 days in Alaska on a high-light-type trip supplied with pack horses and a guide to see glaciers and wildlife. On Kauai we spend six nights in the state parks sleeping on the beaches and enjoying the many points of interest on the island.

(52) Admiralty Island Canoe Trip—July 11-18. Leader, Jon Tillinghast, Rte. 5, Box 5836, Juneau, AK 99803.

Admiralty Island, 100 miles of pure wilderness, is home to the great brown bear, the bald eagle, and spruce/hemlock rain forests. We go by float plane (included in trip

price) to the east coast of Admiralty, where we begin our canoe trip to Angoon, an old Indian village on the west side. There are two long portages and several short ones, but we take our time, and husky teen-agers over 13 should have no problem. Leader will screen applicants; canoes are included.

(54) Glacier Bay-West Chichagof Boating-Hiking—July 11-24. Leader, Chuck Johnstone, Box 316, Sitka, AK 99835.

(57) Glacier Bay-West Chichagof Boating-Hiking—August 15-28. Leader, Chuck Johnstone, address above.

From the mature rain forest along the rugged Pacific coast of Chichagof Island, to the new land emerging from the tidal glaciers of the Fairweather Range, you'll experience a full range of southeast Alaska scenery, while traveling comfortably on our 40-foot cruiser. There's plenty of activity on shore each day, and trip members (17 and older) must be ready for hikes in rough country. Trips begin and end in Sitka.

(55) Gates of the Arctic Knapsack-Raft—July 25-August 14. Leader, Wilbur Mills, 455 S.W. 156th St. #13, Seattle, WA 98166.

The north fork of the Koyukuk River flows through the heart of this proposed national park in the central Brooks Range. You'll fly by charter plane to its origin on the Arctic Divide, and spend 10 days knapsacking down the river to the Mount Doonerak area. Picking up rafts, you'll float through the Gates of the Arctic to a pickup point downriver. Trip starts and ends in Fairbanks, but price does not include charter plane costs, now estimated at \$150 per person. Leader will screen.

(56) Lake Clark Knapsack Trip—August 2-22. Coordinator, Gus Benner, 155 Tamalpais Rd., Berkeley, CA 94708.

From the west coast of Cook Inlet, our route will cross the Aleutian Range, through the heart of the proposed Lake Clark National Park. Trail-less and mainly unexplored, the region includes forested river valleys, a jumble of glaciers and peaks above 10,000 feet. Planned for the experienced knapsacker, no technical climbing skills are needed. From Lake Clark, a charter plane returns us to Anchorage. The cost of the charter is not included in the trip cost and is estimated at \$170. Leader will screen applicants.



Dick Schmidt

HAWAIIAN TRIPS

The Hawaiian environment provides a unique setting for an unusual kind of Sierra Club Trip. Every outing is a conservation effort offering the opportunity to see and experience the natural wonders of the 50th state with a minimum of disturbance to the land, sea and air. Trip members can visit sights missed by the ordinary tourist.

Since 1971 the Hawaiian subcommittee has cut the number of participants on each trip from one hundred to thirty. This marked decrease is an advantage in many ways. It allows the trip members as well as the staff to get to know each other better. It also lessens impact on the islands both ecologically and socially. Campsites are normally in county, state or national parks. We move from camp to camp in rental cars. Hikes are generally optional and range from mild to mildly strenuous.

Trip prices include round-trip air fare from San Francisco or Los Angeles. Other Hawaiian trips are listed in the Alaska, Bicycle and Underwater Exploration sections.

(124) Maui-Lanai Family Trip—June 21-July 5. Leaders, Pat and Howie Davis, 1741 Heron Ave., Sunnyvale, CA 94087.

This trip, open to children of all ages, will be geared to education, relaxation and fun. First stop will be Oahu to tour the famous Bishop Museum and Polynesian Cultural Center. On Maui we will camp at lush tropical Hana, walk along trails used by ancient Hawaiians, swim at Seven Pools, hike through the famous extinct volcano, Haleakala. Sailing to Lanai we will camp at Hulopoe Bay. We will explore old village sites, Shipwreck Beach, petroglyphs, with ample time to enjoy swimming and snorkeling. Returning to Maui we will stay at the Pioneer Inn and celebrate July 4 in historic Lahina.

(125) Island of Hawaii—August 9-19. Leader, Jim Dodds, 2013 Skycrest Drive #1, Walnut Creek, CA 94595.

Overnights at the Ti House in Waipio Valley will give us a chance to visit the sites where thousands of Hawaiians lived when this was the Valley of Kings. More overnights at Namakanipaio offer opportunities to explore

Kilauea and Mauna Ula, America's newest mountain. Four other campsites help to encircle the Orchid Island and to see all the most famous sights. Moderate hikes are planned, but no one is required to go on any of them.

(126) Island of Hawaii (Mele Kalikimaka)—December 20-29. Leader, Wes Farrand, 3380 Cork Oak Way, Palo Alto, CA 94303.

Christmas on the Big Island where perhaps Madame Pele has scheduled volcanic activity amidst snow covered peaks. The schedule includes black and green sand beaches, swimming (fresh and salt water), snorkeling, visits to active volcanos and walks on the newest real estate in the world. Camping will be in beach parks or rustic cabins at higher altitudes. The schedule is not strenuous but does include several short hikes. We will relax and acquaint ourselves with Hawaiian nature and cultural features.

(127) Oahu, The Windward Side—December 27-January 3. Leader, Walt Weyman, Star Route, Marshall, CA 94940.

By-passing the glitter of Waikiki, utilizing public transportation, staying in the Quonset Hut at the Hawaiian Trail & Mountain Club, or tenting on their lawn if you prefer more privacy, we will be proffered five hikes by our hosts of H.T.&M. Pick and choose or take them all. Swim at end of each hike. Bishop Museum and one free day. Plus—Hawaiian New Years Eve!

Sign Up Early

With the continued reduction in trip size leaving fewer places available on outings and with the initial announcement of summer and fall trips appearing now rather than previewed in a fall *Bulletin*, many trips will fill quickly. To be sure of a place on the trip of your choice, send your reservation request in early.



John Trumble

BURRO TRIPS

Burros, the amiable companions of mountain and desert travelers, will become your friends on a Sierra Club Burro Trip. Usually traveling in groups of only fifteen people and seven burros, we move camp frequently, seeing a variety of areas. Experienced club leaders teach you the skills of burro wrangling, burro finding and burro psychology. You will discover that burros are generally lovable, affectionate, and willing, but can be unpredictable and exasperating. Normally each burro is shared by two people so you will probably have someone to help you. Burros are easier to pack and handle than are horses or mules.

The animals carry up to twenty pounds of your dunnage plus the food and cooking equipment. Previous experience with packstock or camping is not necessary for these trips, just a willingness to help with the cooking and pot washing, and packing and leading the burros. All of the trips are suitable for novices in good physical condition and even for children six years and older. Moving days are 6 to 12 miles, usually at high altitudes, sometimes over rough terrain. There are layover days on most trips. A flexible menu gives trip members an opportunity to improve or demonstrate their culinary abilities.

As the Burro Trips move, they clean up unburnable trash that other campers have thoughtlessly left behind. Usually this amounts to a few hundred pounds per trip. Our newly reduced trip size, a propane stove and strict adherence to wilderness manners are the basic means by which we keep our impact to a minimum.

Until recently our trips have had 25 or more members. However, the Sierra Nevada is becoming increasingly crowded. Large groups' psychological impact on other visitors, their greater tendency to be noisy, and the larger camp areas they require have dictated our reduction of trip size in the crowded wilderness areas. Only the spring outings in the Death Valley area and the Warner Mountains trip remain as 25 member trips.

(90) South Warner Wilderness, Northern California—July 10-16. Leader, Doug Parr, 3416 Davis St., Oakland CA 94601.

The Warner Mountains, in remote Modoc County, are seldom visited. We will explore them along the Owl Creek Trail, on the precipitous east side, and return along the gentle Summit Trail. A refreshing change from the Sierra, the Warners offer new lakes for the fisherman,

new mountains for the climber or the photographer. A leisurely trip, for any person in good physical condition.

(91) McGee Lakes, John Muir Wilderness, Sierra—July 18-25. Leader, Tom Pillsbury, 1735 Tenth St., Berkeley, CA 94710.

This is a beautiful route with numerous lakes nestled among volcanic and granitic peaks. Tom is our most experienced leader, and his trips are always an adventure. Fishing and day hiking possibilities abound.

(92) Parker Pass, Yosemite Park, Sierra—July 18-25. Leader, Don White, 411 Walnut Dr., Monmouth, OR 97361.

This trip will start in Yosemite at Tuolumne Meadows and go up the Dana Fork of the Tuolumne River to Mono Pass, then over Parker Pass and after several lakes to Agnew Meadows. This is high alpine country ranging from 8700 feet to 12,350 feet at Koip Peak Pass.

(93) Margaret Lakes, John Muir Wilderness, Sierra—July 25-August 7. Leader, Ted Bradfield, 409 Washington Ave., Point Richmond, CA 94801.

From Reds Meadow, this will be a two-week trip into Fish Valley and Margaret Lakes. The route parallels the John Muir Trail. We will return to civilization over McGee Pass. Ted, a friend of all burros and most people, brings several years experience to making this trip a pleasure.

(94) Pioneer Basin, Inyo Forest, Sierra—August 7-20. Leader, Doug Parr, 3416 Davis St., Oakland CA 94601.

A two-week Sierra experience, with fairly strenuous moving days alternating with layover days, giving us ample time to enjoy the area around the Silver Divide. This trip offers challenge and relaxation to anyone who loves the mountains, lakes and canyons of the Sierra Nevada.

(95) The Recesses, John Muir Wilderness, Sierra—August 22-29. Leader, Randall Rasicot, 1735 Tenth St., Berkeley, CA 94710.

Moving out of Rock Creek, we go over Mono Pass into the highest reaches of the drainages of the San Joaquin River. The Recesses are a series of four, steep-walled, granitic canyons. Recently a South Seas sailor, Randall also knows a thing or two about your companions, burros.

EDUCATIONAL OUTINGS

Educational Outings offer Sierra Club members a chance to learn more about the workings of their natural environment under the tutelage of an experienced instructor. These outings are designed to meet the natural history interests of all Sierra Club members and as such are planned for persons from various age groups and with differing physical abilities and experience in the out-of-doors. Each outing emphasizes one or more of the many subjects dealing with the natural ecosystems of the world and man's use of his environment.

The staff on most outings consists of both an experienced trip leader and a professional instructor as well as additional assistants as needed. Professional naturalists, college professors, and scientific researchers with field experience in the subject to be emphasized serve as the instructors on educational outings. These instructors attempt to provide trip participants with an understanding and appreciation of the complexities and interrelationships of the living and physical environment which they are visiting. In addition the instructors on educational outings attempt to impart a working knowledge of the references and equipment typically utilized by biologists, foresters, ecologists, nature photographers, etc.

Course credit through University Extension Services is available for participation on certain educational outings. Such credit is available on an optional basis; check



Paul Lenhart

the individual Trip Supplement to see if credit is offered. Persons electing to receive course credit for participation on an educational outing will be required to pay an additional registration fee and may be requested to perform additional investigations by the instructor.

Educational outings are designed for viewing and studying the natural environment, and thus they are of a leisurely pace. Ample time is allowed for trip members to explore objects of interest. The amount of hiking involved on these outings depends on the type of outing; however, in general these trips do not cover a great deal of distance.

<u>Trip</u>	<u>Title</u>	<u>Type</u>	<u>Dates</u>	<u>Instructor/Leader</u>
22	Desert Ecology, Baja California, Mexico	High-Light	February 6-17	Pierre Fischer/ John Ricker
25	Natural History of the Death Valley Region, California	High-Light	March 28- April 3	Norm Kindig
30	Natural History of the Anza-Borrego Desert, California	Base Camp	April 11-17	Will Neely/ Ray Des Camp
41	San Rafael Range Ecological Traverse, California	Knapsack	April 24-30	Will Neely/ Mary Coffeen
420	Grand Cayman Tropical Reef Biology, British West Indies	Underwater	June 4-15	Rob Spivack
86	Eco-Cycling, Southeast Minnesota-Western Wisconsin	Bicycle	June 13-27	Elizabeth Barnard
421	Grand Cayman Tropical Reef Biology, British West Indies	Underwater	June 16-27	Steve Webster
62	Natural History of the Mono Basin, Sierra	Base Camp	June 19-26	Will Neely/ Ray Des Camp
162	Cloud Canyon Geology, Kings Canyon Park, Sierra	Knapsack	July 9-19	Marlin Dickey/ Sandy Knapp
66	Sierra Nevada Natural History, Sequoia Park, Sierra	Base Camp	July 11-23	John Stanley/ Bob Miller
175	Silver Peak Photography, Sierra	Knapsack	July 23- August 1	Bruce Barnbaum/ Tom Amneus
179	Natural History of the Eastern Escarpment, Sierra	Knapsack	July 24- August 1	Marlin Dickey/ Mary Coffeen
137	Geology of Mountainous Regions, North Fork San Joaquin, Sierra	High-Light	July 29- August 5	Philip Lydon/ Marsh Pitman
312	Killarney Natural History Adventure, Killarney Park, Ontario	Canoe	August 7-14	Gustav Yaki/ Carl Denison
268	North California Coast Ecology	Underwater	August 15-21	Steve Webster
202	Trinity Alps Art, Northern California	Knapsack	September 3-11	Charles Zlatkoff/ Ellen Howard
269	Catalina Island Kelp Forest Biology, California	Underwater	September 4-12	Rob Spivack
82	Organ Pipe Cactus Monument Natural History Trip, Arizona	Base Camp	December 19-28	Pierre Fischer/ Ray Des Camp

Here at 530 Bush . . .

YOU CAN'T IMAGINE what it was like," say two staff members who first began working for the club fifteen years ago. They are remembering when the San Francisco staff numbered only about a dozen and required only a tiny handful of offices clustered in the northeast corner of Mills Tower's tenth floor. In those days, only one person comprised the outings department (now there are eight); another was responsible for membership affairs (now there are sixteen); and a third answered the phone, acted as receptionist, processed the mail, and responded to general inquiries from the public (jobs that now require the full-time efforts of seven people). Three more people handled the club's financial affairs (now it takes thirteen).

What happened between then and now is that more and more people began to join the club, especially during the late sixties, when the public's awareness of environmental problems blossomed, as it were, almost overnight. The club's membership, listed at 10,000 in the mid-fifties, has jumped to 153,000 and is still increasing. As membership has grown, the size of the club staff has increased in response. The national headquarters staff first spread out to much of the tenth floor of Mills Tower, spilled over to the second, then to the ninth and eleventh floors, and finally was forced to occupy an additional set of offices in a building three blocks away.

In the club's early years, of course, there was no paid staff at all, aside from necessary clerical and secretarial help. It wasn't until 1952 that an executive director and secretary were hired as the club's first full-time employees. When the club was incorporated on June 4, 1892, it was an all-volunteer organization with a projected membership of twenty-five. It established its first headquarters in San Francisco—in the First National

Stephenie Frederick is personnel manager for the Sierra Club.



The Great Western Power Company's downtown plant as it appeared in 1916 . . .

Bank building at Bush and Sansome, moving, in 1893, to the California Academy of Sciences and, in 1898, to the Merchants Exchange Building. Finally, in 1903, the club moved into the Mills Building, where it would remain for seventy-two years.

Today, with eighty-five national-headquarters employees and additional staff in regional offices, the Sierra Club has moved again. Its new home, the San Francisco Environmental Center, is almost as old as the club itself. In 1916, when the club's membership totalled 1,200, the Great Western Power Company was building a substation three blocks up the street from the Mills Towers head-

quarters. This handsome structure, hailed in its time as an "innovation in efficient and clean energy production," eventually passed into the hands of the Pacific Gas and Electric Company (PG & E), which held on to it long after it had ceased to be of real use.

The architectural firm of Storek and Storek recognized the potential of the old building and purchased it from PG & E; the Sierra Club, in need of more efficient office facilities, welcomed an opportunity to work closely with the architects in planning the remodeling of the building. Countless meetings were held to discuss the overall design and specific details of

... Almost!



being remodeled in 1975 for the Sierra Club ...



and nearing completion.



*Would we be in by December?
It seemed doubtful,
but here we are!*





*Controller Allen Smith begins to pack.
Don't forget the paychecks, Allen!*



*Editor Fran Gendlin sits on a plank dreaming
of the Bulletin's offices, which turned out in
reality as pictured below.*



Club librarian Christie Hakim knew the books would be the first to be packed and, as is evident in the picture immediately above, the last to be unpacked. Still she smiled.



*The Outing Department had to get to work right away,
planning for all the trips mentioned in this issue!*





Above: Executive Director Mike McCloskey's office seems ready for use, but he had to carry the workmen's ladder out of the room so the photo could be shot. Above right: The membership department seems almost completely organized, until you spot the packing boxes neatly stowed on the side. Right: The mailroom gets set up. We had lots of mail efficiently delivered, but we couldn't always answer it, without electric outlets for our typewriters and shelves for our papers.



Associate Conservation Director Paul Swatek's responsibilities are many, but they don't include caring for the large plant looking wistfully in his window.

the new headquarters. Juggling a host of demands, some of them incompatible either with physical possibilities or with each other, demanded time and patience. As might be expected, numerous compromises of the ideal were necessary, but over all, the new club headquarters should increase staff efficiency and improve the morale of headquarters staff and volunteers. For the old Mills Building, though it had served the club well, had become overcrowded and inconvenient. Because the staff was of necessity spread out to three floors in two buildings, personal contacts were difficult at best. Now, for the first time in years, the various departments will be in close proximity, and

they will be working in quarters specially designed for their individual operations.

Because its lease at Mills Tower had expired and a new tenant was eager to move in, the club had to move its operations to the new building before December 1, at a time when the final details of construction—lighting, heating, little items like that—were not yet completed. The move took several days, with the help of a professional mover, and at the time these photographs were taken, people were still unpacking and trying to get used to unaccustomed surroundings. The contractors were still busy wrapping up miscellaneous interior details. Despite inevitable rumblings from





Elizabeth Fullinwider and Fred Hill of the Book Department look cheerful as they pack up their offices, but Editor-in-Chief Jon Beckman, who tries to bring illumination to thousands of readers, is himself here pictured in the dark.

the masses, everyone was excited and in good humor, although their typewriters did not work (the electric outlets had not been installed) and they were driven to wearing coats and sweaters as construction men climbed over their desks amid the clatter of saws and power drills.

The club occupies the third and fourth floors of the new building; the Sierra Club Foundation is located on the second. A new club bookstore will open on the ground floor, and the basement will house the club's print

shop, staff lounge, and storage. No doubt many staff members will look back on Mills Tower with fondness, remembering the worn path in the carpet on the way to the coffee room, the ridiculous old switchboard, the elevators crowded with busy young lawyers. But for most, the new headquarters is a welcome change whose time, some would say, was overdue.

Photographs by Tim Thompson and Susan Landor

And last, at least for now, a picture of us at work. We hope to have a more finished image to present to you sometime in a future issue.



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SPRING TRIPS

To meet the increasing demand for off-season wilderness trips and to spread the outing program over a wider geographical distribution and time span, the club continues to seek out new trip locations for the months when the high mountain hiking trails are deep in snow.

Spring trips focus on the Southwest desert wilderness in its blossoming early spring prime, on the mild spring climate of the Southeast, the exotic tropics of Hawaii, the desert ecology of Baja California, the coast of Mexico and three mountain ski touring trips.

For detailed descriptions of these trips, see the 1976 Spring Outings section of the November/December 1975 issue of the *Bulletin* and write to the outing office for that specific Trip Supplement of the outing you are interested in.

(20) **Ski Touring Clinic, Steamboat Springs, Colorado—January 11-16.** Leader, Sven Wiik, Scandinavian Lodge, Box 5040, Steamboat Village, CO 80499.

(21) **Adirondack Ski Touring and Ski Mountaineering, New York—February 1-7.** Leader, Walter Blank, Omi Rd., West Ghent, NY 12075.

(22) **Desert Ecology, High-Light, Baja California—February 6-17.** Instructor, Pierre C. Fischer, botanist; leader, John Ricker, 2950 N. 7th Street, Phoenix, AZ 85014.

(23) **Cross Country Ski, Rocky Mountain Park, Colorado—February 8-13.** Leader, Kurt Newton, 195 South Pennsylvania, #301, Denver, CO 80209

(24) **Okefenokee Canoe Trip, Georgia—March 28-April 2.** Leader, Lincoln E. Roberts, 2152 Cross Creek Way, Dunedin, FL 33528.

(25) **Natural History of the Death Valley Desert Region, High-Light, California—March 28-April 3.** Instructor/leader, Norman Kindig, 3684 Sweigert Rd., San Jose, CA 95131.

(26) **Panamint Mountains Burro Trip, California—March 29-April 4.** Leader, Dan Holmes, 11 Cresta Blanca, Orinda, CA 94563.

(27) **Gila River Boat Trip, New Mexico—April 4-10.** Leader, John Ricker, 2950 N. 7th St., Phoenix, AZ 85014.

(28) **Death Valley Burro Trip, California—April 4-10.** Leader, Jack McClure, 75 Castlewood Dr., Pleasanton, CA 94566.

(29) **Springtime on Lanai, Hawaii—April 9-18.** Leaders, Lynne & Ray Simpson, 604 Hartnell Place, Sacramento, CA 95825.

(30) **Natural History of the Anza-Borrego Desert, Base Camp, California—April 11-17.** Instructor, Will Neely; leader, Ray Des Camp, 510 Tyndall St., Los Altos, CA 94022.

(31) **Middle Fork of Salmon River Raft Trip, Idaho—April 25-30.** Leader, Harry Neal, 25015 Mt. Charlie Rd., Los Gatos, CA 95030.

(32) **Thunder River-Kanab Canyon, Grand Canyon Park High-Light, Arizona—April 25-May 7.** Leader, Allen J. Malmquist, Box 388, Fredonia, AZ 86022.



Wes Walker

Knapsack Trips

(33) **Baja Traverse, Mexico—February 13-21.** Leader, Tom Erwin, 2791 Oakmont St., Sacramento, CA 95815.

(34) **Desert Ramble, Superstition Wilderness, Arizona—March 7-13.** Leader, John Peck, 4145 E. 4th St., Tucson, AZ 85711.

(35) **Hells Canyon Cleanup-Backpack, Oregon-Idaho—March 20-27.** Leader, Don Coppock, Box 196, Reed College, Portland, OR 97225.

(36) **Mazatzal Wilderness, Arizona—March 20-27.** Leader, David Mowry, 4323 N. 23rd Ave. #15, Phoenix, AZ 85015.

(37) **Hance-Tanner Trails, Grand Canyon, Arizona—March 28-April 3.** Leader, Jim De Veny, 5307 E. Hawthorne, Tucson, AZ 85711.

(38) **Grand Canyon Knapsack Trip, Arizona—April 4-10.** Leader, Lester Olin, 2244 Avenue A, Yuma, AZ 85364.

(39) **Ottoman Amphitheater, Grand Canyon Park, Arizona—April 11-16.** Leader, Bob Madsen, 3950 Fernwood Way, Pleasanton, CA 94566.

(40) **South Bass Trail to Tapeats, Grand Canyon, Arizona—April 17-24.** Leader, Tom Pillsbury, 1735 Tenth Street, Berkeley, CA 94710.

(41) **San Rafael Range Ecological Traverse, Los Padres Forest, CA—April 24-30.** Instructor, Will Neely; leader, Mary Coffeen, 851 Amador, Claremont, CA 91711.

(42) **Sierra de San Pedro Martir, Baja California, Mexico—May 16-22.** Leader, Tom Pillsbury, 1735 Tenth Street, Berkeley, CA 94710.

(43) **Mystery Canyon, Utah—May 22-29.** Leader, Frank Nordstrom, 800 Glade Rd., Farmington, NM 87401.

(44) **Escalante Canyon, Utah—May 24-June 4.** Leader, Tom Pillsbury, 1735 Tenth Street, Berkeley, CA 94710.