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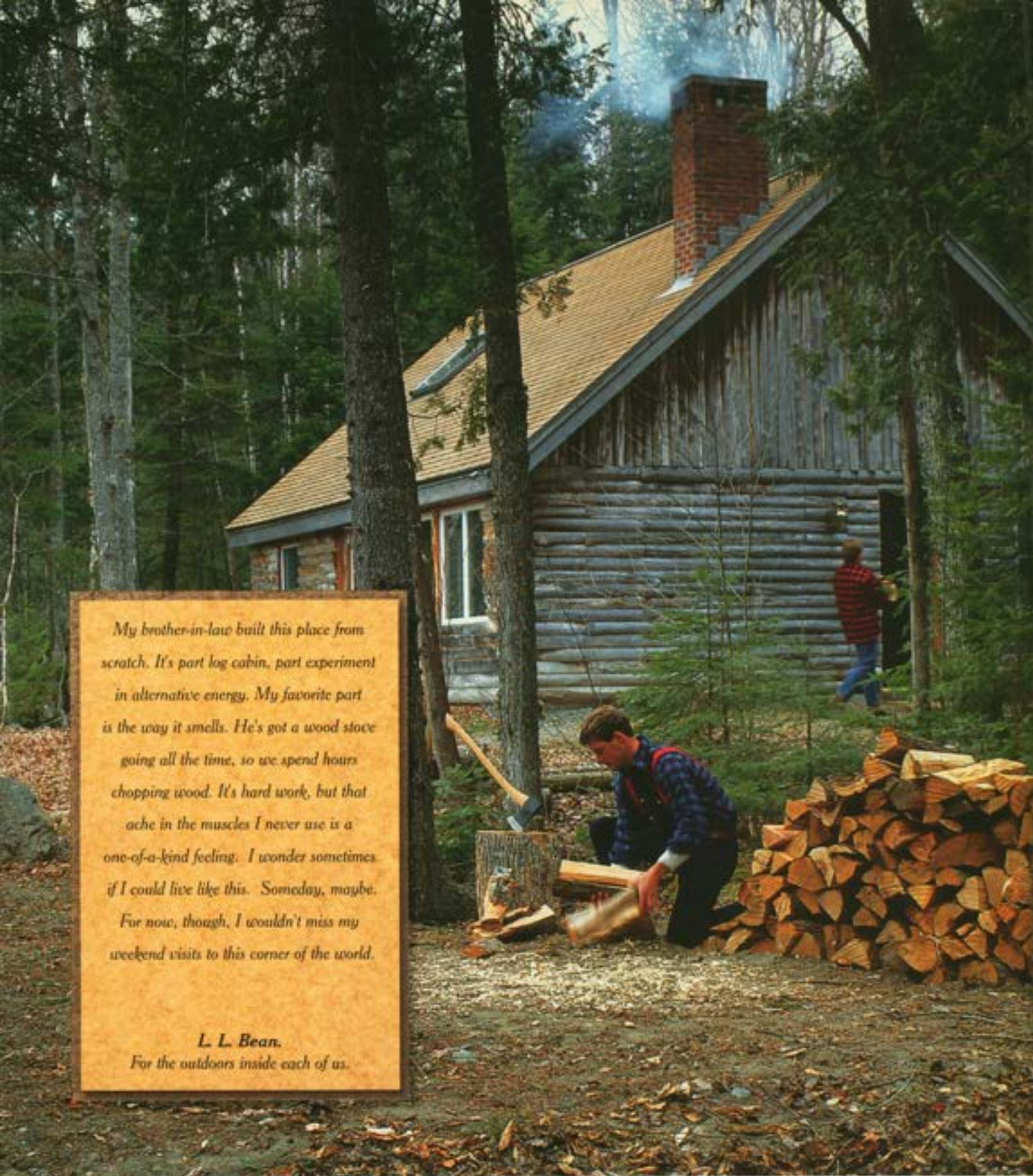
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A rustic log cabin with a brick chimney and a gabled roof is nestled in a forest. A man in a blue plaid shirt and dark pants is kneeling in the foreground, chopping wood with an axe on a stump. A large stack of cut logs is piled to his right. Another person in a red plaid shirt is visible near the cabin's entrance in the background. The scene is set in a wooded area with tall trees and fallen leaves on the ground.

*My brother-in-law built this place from scratch. It's part log cabin, part experiment in alternative energy. My favorite part is the way it smells. He's got a wood stove going all the time, so we spend hours chopping wood. It's hard work, but that ache in the muscles I never use is a one-of-a-kind feeling. I wonder sometimes if I could live like this. Someday, maybe. For now, though, I wouldn't miss my weekend visits to this corner of the world.*

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# Sierra

**COVER:** Mt. Mather and Mt. Brooks, Denali National Park, Alaska. For more on the wilds of the Far North, see page 38.

*Photo by Larry Ulrich;*

*Outings inset (from last year's Sierra Club mountain-bike trip to several Alaskan parks) by Stephen Kasper.*

## 12/LETTERS

Unarmed in paradise; just grazing the surface; sleeping on the dirt; where the wastepaper goes.



## 20/AFIELD

Get a grip on that wall; Styrocop; ban the spray, trap the mousse; plains talking on rural radio; through a writer's eye.

## 24/PRIORITIES

**Activism:** Last summer's car-bombing of two old-growth agitators remains unsolved, and the trail grows ever colder.

**Endangered Species:** In the Northwest, salmon have been disappearing by hook, dam, and diversion.

**Grassroots:** With a new definition of environmentalism in their notebooks, students are becoming a spirited political force.



## THE FIGHT TO SAVE ALASKA

We celebrate—and continue—our struggle to protect the Great Land. A special report by Douglas Scott begins on page 38.

## 40/IN THE NATIONAL INTEREST

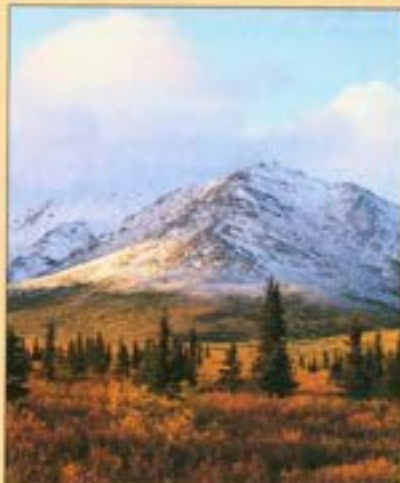
They phoned, they lobbied, they wrote, they phoned again. In the end, grassroots activists helped win passage of the most ambitious land-use legislation in history.

## 122/A LASTING FRONTIER

A gallery of Alaskan lands, from the Tongass Forest to the Arctic waters.

## 130/THE NEXT CAMPAIGN

All's not quiet on the northern front.



## 45/SIERRA CLUB 1991 OUTINGS

From Maine to Mexico, Hawaii to the Himalaya, our annual offering of group adventures.

## 138/HOT SPOTS

Bodie, California; Voyageurs National Park, Minnesota.

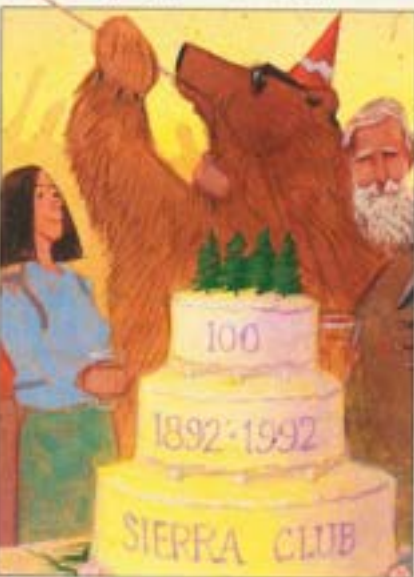
## 141/SIERRA NOTES

## 143/BOOKS

## 152/OUTDOORS

*Richard A. Lovett*

Temper run short when the trail grows long, so choose your camping partners wisely.



## 162/QUESTIONS & ANSWERS

The Sierra Club at (nearly) 100.

Sierra (USPS 495-920) (ISSN 0161-7362), published bimonthly, is the official magazine of the Sierra Club, 730 Polk St., San Francisco, CA 94109. Annual dues are \$33. Members of the Sierra Club subscribe to Sierra (\$7.50) through their dues. Nonmember subscriptions: one year \$15; two years \$26; foreign \$20; single copy \$4.00 (includes postage). Second-class postage paid at San Francisco, CA, and additional mailing offices. Copyright © 1991 by the Sierra Club. Reprints of selected articles are available from Sierra Club Information Services.

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## SO LONG, DOUG

I was stiff, cold, and somewhat woozy after a night spent not really sleeping inside a Chevy Corsica, sans blanket or mummy bag. Awake at dawn, I found the Sierra Club encampment I'd missed on arrival six hours earlier—several dozen members of the Tennessee Chapter who had gathered in this wooded state park for their annual family weekend.

Most folks were already up and at breakfast. I knew no one—this was my first trip to the region—so I grabbed some coffee and sat down at the nearest table. The burly fellow next to me, I soon gathered, was the chapter chair, entertaining agenda suggestions from his fellow volunteers prior to the afternoon's scheduled Executive Committee meeting.

A man across from him said, "I only have one piece of news for you, from San Francisco: Doug Scott's resigned."

Now I'm by nature a docile sort, so my astonished, bellowed "What!?" caught a few folks napping. The announcement must have surprised everyone back home as well: When I'd left Club headquarters earlier that week, Doug was securely chained to his fourth-floor desk, laboring over his assignment for this issue of *Sierra*: a first-person account of the stupendous late-'70s battle for more than 100 million acres of Alaskan wilderness.

(It's great to be giving your boss assignments and deadlines, by the way; I highly recommend it.)

That chilly Tennessee morning was more than two months ago, and we're almost used to the news by now. Still, the Sierra Club staff and volunteers who worked most closely with Doug miss him already; he left in mid-December, to spend precious time with his young family, and to start a second dream job as executive director of a performing-arts center in Washington state. But the wider conservation movement—whose rich traditions nurtured Doug's preservation philosophy—is going to miss him too, and for as long as we will.

This is the man who first rallied activists to the environmental cause at the University of Michigan in 1969; who has lobbied in Congress and state legislatures for the Sierra Club agenda, year after year, with great facility, admirable savvy, and impressive success; who fought for America's ancient forests long before their destruction inspired thousands to act on their behalf; who has contributed to more wilderness battles (and helped win more wilderness acreage) than almost anyone living, and who coordinated the largest and, many feel, most effective volunteer lobbying campaign in American conservation history—the one to which we devote the better part of this issue.

For the past 17 years, Doug Scott has done this work, and much more, in support of the Sierra Club. First in the Northwest field office, then for many years in Washington, D.C., and San Francisco as Director of Federal Affairs, Deputy Conservation Director, Conservation Director, and Associate Executive Director, he has worked ceaselessly for preservation and environmental protection.

Ceaselessly but not, in the end, tirelessly. We've all learned a lesson from Doug's decision to get off the public-interest roller coaster for a while: If such an energetic leader and indefatigable strategist can acknowledge the strain of years of six- and seven-day work weeks, then commitment's wearing effects become recognizable—and hence, we hope, avoidable—in ourselves. This movement has never been wholly dependent for its success on any one individual, no matter how talented, for it thrives on the strength of many.

Doug Scott would be the first to acknowledge that point; in fact, it's what his valedictory article for us is all about. "The Fight to Save Alaska," a tale of grassroots commitment intended to inspire today's activists as others were inspired a decade ago, starts on page 38.

Jonathan F. King  
*Editor-in-Chief*

# Sierra

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## LETTERS

### PAPER PLAUDITS AND POSERS

The Sierra Club Mackinac Chapter commends *Sierra* for finding recycled paper on which to print the magazine. We know that it was not an easy task to maintain quality and hold down costs while making a shift to substantially recycled paper. However, we believe that as a leader in the environmental community, the Sierra Club could do no less in setting an example.

Brian MacKenzie, Chair  
Sierra Club Mackinac Chapter  
Novi, Michigan

In "To Sawdust We Shall Return" (September/October 1990) you state that "recycled paper," according to current EPA purchasing guidelines, needn't include any post-consumer waste, and that in fact few mills do use any. What, then, actually happens to all the tons of discarded office memos, photocopier waste, and newspapers that we have been dutifully separating, boxing, and "recycling" for the past few years?

Douglas T. Shapiro  
Ann Arbor, Michigan

*The recyclables collected at your home or office are made into paperboard (e.g., cereal boxes), toilet tissue, insulation, or other low-grade paper products; they're shipped overseas to fiber-poor countries; occasionally, they're made into high-grade papers for printing and office use.*

### HOW TO STAY FREE

In "Room to Maneuver" (September/October 1990), Edith Pepper gives the impression that there is no longer a need for the armed forces to remain up-to-date in weaponry and training. This is not true. In these times of abrupt change, it is necessary that we be adequately prepared for any emergency with the most efficient weapons today's technology can provide, as we can no longer be assured of the motives of any foreign nation.

If the domestic lands sought by the

military are denied them, it would leave the U.S. more susceptible to invasion. Clearly the forfeiture of a few million acres is worth the salvation of our nation, and with it its public lands.

Brian Rohal  
Dublin, Ohio

Eternal peace is a consummation devoutly to be wished but very cautiously predicted. James Thurber had this advice for a phoebe tooling along on automatic pilot in hawk country: "She who goes unarmed in paradise had better be sure that's where she is."

Stuart McKelvey  
Tiburon, California

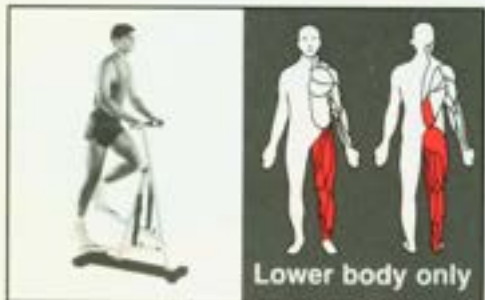
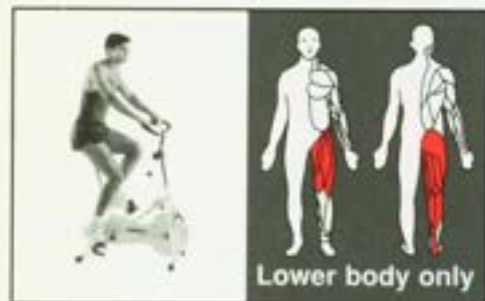
*Bimonthly magazines, with their long lead times, often lag behind current events (we reported that "peace was breaking out all over" a few days before the invasion of Kuwait), but the Defense Department seems to have recognized the inadvisability of its own land grabs. On September 13 the Pentagon announced a moratorium on all requests for more than 1,000 acres for domestic military training.*

### KIDDING AROUND OUTDOORS

I read with great interest Richard Louv's article about the divorce from nature of today's children ("If People Pull Down Nature . . . ." September/October 1990). Writing of his own intimacy with the woods near his boyhood home, he wonders, "How many children of the 1950s and before became environmentalists or otherwise deeply concerned with the fate of nature in this way?"

In 1978 I asked leading professional and volunteer environmentalists to tell me about the formative influences or life experiences that had steered them to lives of activism. The most frequently cited influence was childhood experience of natural, rural, or other relatively pristine habitats, mentioned in 44 of the 45 written statements that I received. For more than half of these respondents, the habitats were accessi-

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ble on more or less a daily basis, available for playful, unstructured discovery and adventure. The other most-frequently mentioned influence was that of parents—usually parents who encouraged or allowed such contact with nature.

*Thomas Tanner*  
Professor of Environmental Studies  
Iowa State University  
Ames, Iowa

I spend my summers at Girl Scout camp, with no televisions, phones, radios, or computers. At camp last summer most girls brought tents to sleep in, but my sister and I slept on the dirt, right up by the lake. The other girls didn't know what they were missing.

So our generation is not completely lost to technology. I watch television at home, but I'd rather have a big tree and a cool stream anyway.

*Alison Jessie*  
Sunnyvale, California

## GRAZING PUBLIC LANDS

From the perspective of this Sierra Club Life Member (since 1952), "better late than never" is the only way to describe the Club's Johnny-come-lately recognition that abysmal public and private grazing practices have all but destroyed the public lands of the southwestern United States ("Thoroughly Cowed," September/October 1990).

The results are a national tragedy, perpetrated by an entrenched, self-serving BLM and USDA bureaucracy in concert with mindlessly greedy grazing interests. Likewise, an indifferent Congress, led by the nose by a few arrogant legislators who would see our public lands ruined rather than sacrifice their "principles," has steadfastly refused to correct this outrageous injustice by setting fair-market grazing fees and requiring major land reclamation.

Some of us who have been vitally concerned for decades with national-forest conflicts between grazing and watershed, wildlife, wilderness, and recreational resources have been extremely frustrated by a complete lack

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James D. Gollin

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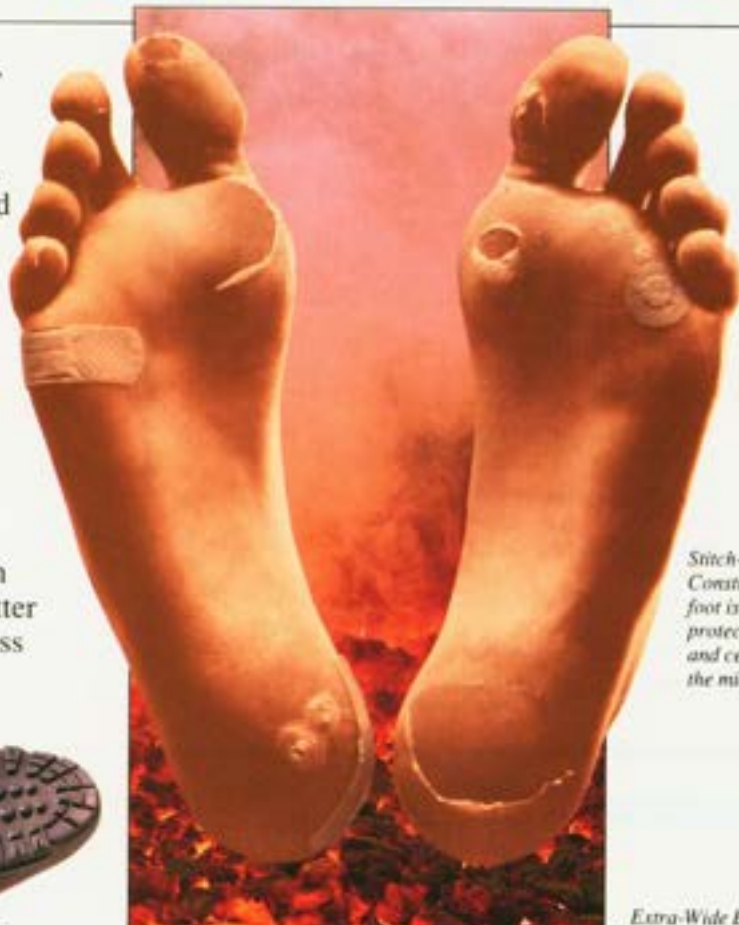
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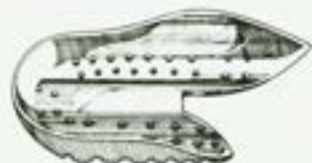
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of support or understanding by the Sierra Club, either nationally or locally. The Club's policy of compromise with powerful grazing interests has been a disastrous failure. It is a lesson learned far too late!

Monty Griffin

San Diego, California

Well, it's about time, but it was worth the wait!

George Wuerthner outlined ranching's environmental impact as well as could be expected in six pages. Grazing activist Rose Strickland offered effective strategies for thwarting ranchers' century-long stranglehold on the public lands. And *Sierra's* editors themselves provided one of the best short explanations I've read on why we Americans fail to accept ranching as a serious environmental problem.

To maintain the status quo, influential ranchers and their adherents will air their griefs and beefs. But I think that by and large Sierra Clubbers are ready to "take the bull by the horns"—to liberate and restore our public lands.

Lynn Jacobs

Tucson, Arizona

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The crux of the problem seems to be the extraordinary influence ranchers have in Washington. What is the basis of their influence? There aren't very many of them; it wouldn't appear that they could control very many votes. How do they do it?

Brooke Jennings

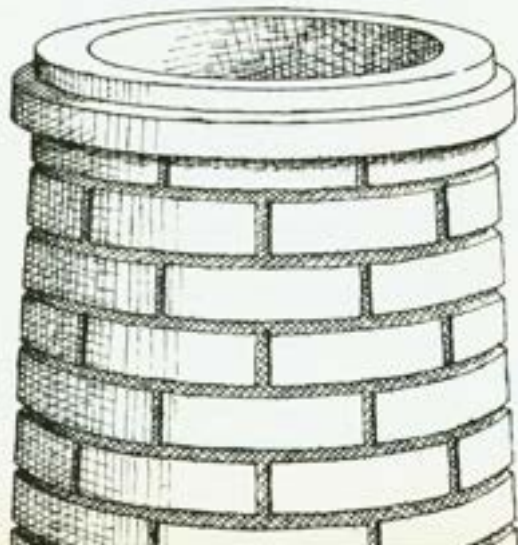
Salt Lake City, Utah

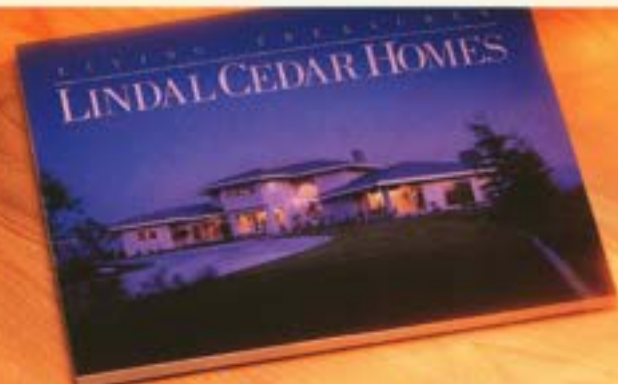
Western legislators are disproportionately represented on the key congressional committees that oversee grazing programs. As individuals and through their trade organizations, cattle and sheep ranchers are vocal and well-organized, and their message hits western congressional targets like a silver bullet. Ranchers have long enjoyed the status of a lobby that all western politicians must reckon with and defend.

Environmentalists have political power in the West, too—but they take more of a shotgun approach. They have a longer list of concerns than the ranchers, and until recently most of them haven't put grazing



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reform anywhere near the top of that list.  
We hope that situation is changing.

The public has just as much to say about how our lands are managed as the livestock operators in the West. It doesn't make any difference where you live: *get involved*. Participate in public meetings; comment on planning documents, herd-management plans, and field tours. Turn out in numbers. It doesn't do a lot of good for one person to go to a meeting when you are outnumbered 50-to-1 by members of the livestock industry.

The reason the grazing program is what it is today is because the livestock interests have lobbied hard to keep it that way. Take it from someone on the inside and GO FOR IT!

*Name Withheld by Request*

*The writer is a professional range manager who has been involved with the Bureau of Land Management's grazing program for the past ten years.*

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*John Schaeffer, President  
Real Goods Trading Corp.  
Ukiah, California*

I was pleased to see the use of cotton and canvas tote bags encouraged in your September/October issue ("A Bag in the Hand"), but was disappointed to see so many bags mentioned that are marketed by companies who fail to support *Sierra* with their advertising. My company, a faithful advertiser, produces one of the highest-quality totes on the market. The Rescue Earth Tote is made in the United States of 100% cotton canvas and retails for \$7.95 each, three for \$19.95, and five for \$29.95. Five percent of all profits are donated in cash to environmental organizations.

*Simon Kramedjian, President  
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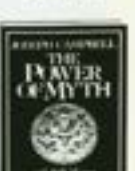
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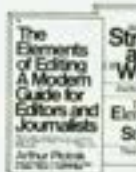
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MIKE BUNNEY

**F**lying high above the western plains at night, the view from the jet window is of a dark void, with scattered pinpoints of light that only emphasize the immensity of the surrounding blackness.

News coverage in this region is much like that view—an occasional burst of stories, followed by long silences. Further, residents complain, the reporting is often sensational and stereotypical, more like Hollywood westerns than the reality they know.

But now rural communities have another way to keep each other informed: High Plains News Service, on the air since February 1990. The fledgling radio news service, a project of the Billings, Montana-based Western Organization of Resource Councils, aims to cover the rural West from Kansas to western Colorado, Montana to northern New Mexico.

### Many Voices. One Community

Its weekly quarter-hour programs, picked up by about 35 radio stations throughout the region, report on issues from agriculture to hard-rock mining, rural economics to water politics.

One program on water issues included a piece on the conflict between non-Indian farmers and the Shoshone and Arapahoe tribes over Wyoming's Wind River; it also featured a cowboy poet reading his ode to another river, the Yellowstone. More recently, a show aired early in the Kuwait crisis explored whether the rural West might "benefit" from events in the Persian Gulf. The views of South Dakota corn farmers, a Montana ethanol producer, and oil-company representatives were paired with commentary on the wisdom of conservation by a 70-some-year-old resident of

Cedaredge, Colorado. (He lives in a solar house, owns a small car, and "walks everywhere.")

High Plains News Service recruits reporters from area radio stations—and "wherever else we can find them," says director Mary Boyle. Training sessions help teach stringers the necessary skills: editing, microphone technique, how to record in the field and over the phone. (The latter skill is crucial, given the region's size.)

Foundation funding allows HPNS to beam its programs around the country via a public-radio satellite some 20,000 miles above the plains. Radio stations can download the segments free of charge; tapes are also available from the news service. Grateful for financial support, Boyle and producer Bob Reha still maintain a no-frills approach: Their studio,

on the fourth floor of a historic building in downtown Billings, reveals ingenious use of a tight budget. Instead of expensive sound-deadening material, foam bedding from the local discount store covers the thin walls, and recording sessions are scheduled to avoid the times when trains rumble past.

If the work is sometimes difficult and the scale of the region they try to cover sometimes forbidding, Boyle—a self-described "city kid" who came to the news service from a commercial radio station in St. Louis—clearly loves the challenge.

"We're helping to pull communities together," she says, "making sure people's voices are heard. Where else could you do this?" —**Susan J. Tweit**  
For more information, contact High Plains News Service at 104 N. Broadway, #412, Billings, MT 59101.

## Images From a Political Landscape

"My pictures were outwardly dull and, I imagine, pretty boring to anybody except myself. None of that dramatic Yosemite waterfall stuff for me; no majestic Grand Canyon vistas to stir Wagnerian hyperbole. . . . Rather, I was trying to freeze the natural world at moments when it best expressed my inner emotions."

New Mexican John Nichols is best known as a writer (*The Milagro Beanfield War*, *The Sterile Cuckoo*). But the self-described "technology klutz" has taken hundreds of landscape photographs near his home at the

base of the Sangre de Cristos, not—as he emphasizes above—to elicit gasps over the breadth of his technical wizardry or the profundity of his cosmic vision, but as "a simple way of letting off steam, of defining what is solid and unremarkable, of touching what endures."

In *The Sky's the Limit: A Defense of the Earth* (Norton, \$14.95), Nichols pairs 68 photographs with text passages that explicate his environmental concerns. Matching often colorful landscape photos with grim allusions to airborne toxics and ozone depletion may seem "antonymical" to some, Nichols says, but "no one has a right to be lulled by this beauty."

*I cannot look at a lovely scene without being aware of the bulldozers just out of frame, waiting to plunder. There is no such thing, anymore, as an apolitical landscape photograph. All environment is threatened; all air is poisoned. Hence, the more unspoiled a moment appears, the more intensely I fear its pending destruction.*



*I use this dramatic mesa as a daily reminder of that "natural world from which I sprang." My origins. That landscape which most inspires my reverence for life.*

*This environment is capable of casting a spell which encourages hopefulness and makes sacred my "sense of place."*

*No way around it: To save the world, first we must love it.*



Reprinted from *The Sky's the Limit* by John Nichols, © 1990 by John Nichols, with permission of the publisher, W. W. Norton & Co., Inc.

JOHN NICHOLS PHOTOS



DAVID GAMBLE

### Some Truly Hair-Raising Regulations

**W**arren Beatty's 1975 movie *Shampoo* tracked the romantic antics of a Beverly Hills cosmetologist whose ever-ready randomness won him the admiration of a few and the contempt of many. But if that movie were made today, Beatty's character—under an October ruling by California's Air Resources Board—could find himself held in *real* contempt . . . of the Clean Air Act.

A sweeping plan designed to cut air pollution in Southern California's smoggiest counties by 80 percent by 2007 (see "Blueprint for Clear Skies," July/August 1989) has been given real teeth with the enactment of precisely targeted regulations. Last fall the Air Resources Board approved restric-

tions on more than a dozen consumer products known to emit volatile organic compounds (VOCs), primary components of smog-producing ozone. The 16 products range from oven cleaners, floor polishes, and windshield-washer fluids to hair mousses, styling gels, and hairsprays. The very worst offenders, aerosol hairsprays, contain more than 90 percent VOCs by volume.

Though familiar villains such as industrial plants and the internal combustion engine have long shouldered much of the blame for the nation's urban air-pollution problem (Los Angeles, with its millions of motor vehicles, remains a virtual synonym for smog), myriad non-vehicular sources of VOCs have made a sub-

stantial contribution as well. And as tighter controls on vehicular emissions have started to take effect, the relative impact of VOCs has increased.

Manufacturers of the consumer products covered under the new regulations, facing substantial costs in order to bring their products into compliance, howled in protest when the Air Resources Board announced its plan. Still, most are expected to bring reformulated versions of their products to market in time for the first-stage deadline in 1993. (Some products will have an extra year to attain compliance.) By 1998, it is anticipated, VOC emissions from consumer products in California will be reduced by 45 percent (45 tons) per day.

—W. B. Travis

### May I Take Your (Law and) Order, Please?

**M**et Lee Barrett: to the casual observer, a part-time restaurant inspector for the city of Portland, Oregon. But to managers of fast-food restaurants around that verdant metropolis, he's better known as Styrocop.

Officially, Barrett is the city's Polystyrene Foam Ban Inspector, a cumbersome title for the enforcer of a groundbreaking municipal ordinance against Styrofoam packaging for ready-to-eat foods. (In addition to posing a major litter problem, Styrofoam is manufactured with chlorofluorocarbons, which are known to contribute to destruction of the ozone layer.) Admittedly, the Styrocop moniker is some-



thing of a misnomer, since Barrett is not a policeman but an employee of Portland's Bureau of Environmental Services.

Styrocop isn't as belligerent as his Robo-name-sake (although Barrett accepts his *nom de foam* with good humor). He sees the

anti-Styrofoam ordinance as a way to encourage waste reduction rather than as a speed-trap-style effort to collect as many fines as possible. To date Barrett has responded to citizen complaints by mailing 180 notices of possible violations and investigating

160 of those sites. Only six \$250 citations have been issued as a result—a statistic that Barrett says indicates an overwhelming level of compliance.

A typical inspection takes about three minutes, but afterward many restaurant managers want to ask

questions. Barrett says a large portion of his job involves that kind of public-relations work, and he enjoys having a chance to proselytize. "Think about what you're consuming," he preaches. "You can't recycle everything."

—Richard A. Lovett

**A**rtificial climbing walls are springing up all over, helping to bring the cliffhanging excitement of rock climbing a little closer to home.

Developed in France, the walls were introduced to the United States primarily for use in competition.

Snowbird, Utah, where a 115-foot-tall climbing structure was built on an exterior wall of the Cliff Lodge, was the site of the first International Sport Climbing Championships held in this country. Last August, the international competition was held in Berkeley, California, on a pair of 52-foot walls.

In between competitions, though, the walls are being used by novice climbers who want to hone their skills; they're even becoming an integral part of training for athletes in other sports. University gymnasiums are also

sprouting walls: Cornell has built one 30 feet tall and 160 feet wide in its new field house, where up to 50 students can climb at a time. Health clubs in Georgia, Colorado, Massachusetts, Illinois, and California are installing them too: "A climbing wall makes exercising indoors more exciting," says one fitness-gym operator.

Construction methods vary, but most wall designers combine resin, fiberglass, and sand to create structures that often closely

### Why? Because It's Indoors

resemble natural rock faces. Interchangeable pieces used as hand- and foot-holds come in varying sizes, forms, and textures; strategically placed, they form a puzzle for the climber to solve. The holds can be rearranged to prevent the "routes" on any single wall from becoming over-familiar, and to increase (or decrease) their difficulty. When a climber has "got the beta" (learned the moves) in one configuration, the holds can be changed around, creating a

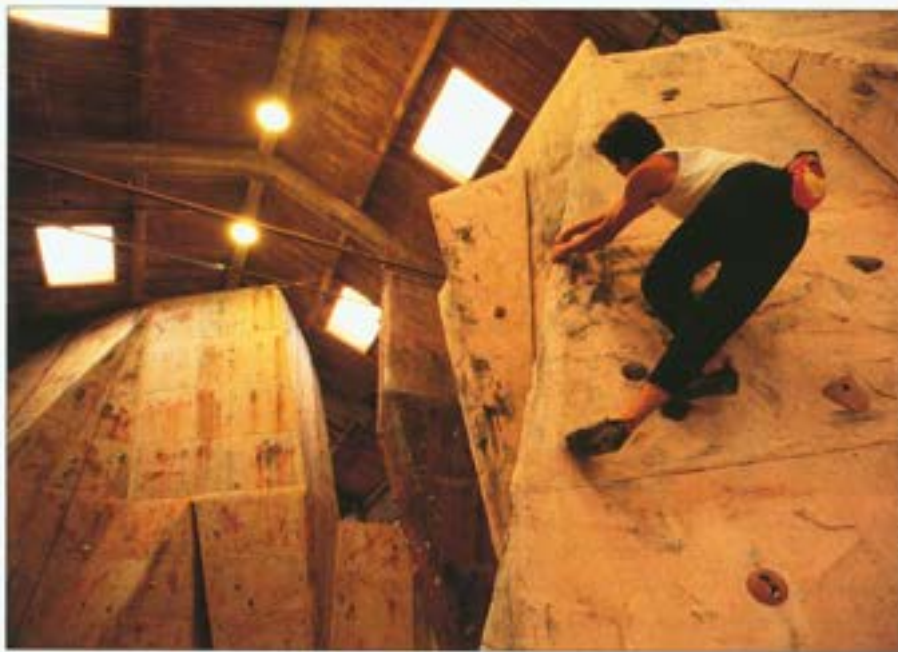
whole new set of problems.

Beginning climbers who quail at the thought of clinging to dime-wide holds hundreds of feet above the ground find learning on walls reassuring. Climbers are harnessed and belayed just as they would be in the field, and practice on routes well within the range of their abilities.

Though the walls are artificial, their benefits are all natural. Says David Lewbin of CityRock gym in Emeryville, California, "Our mission is to have a

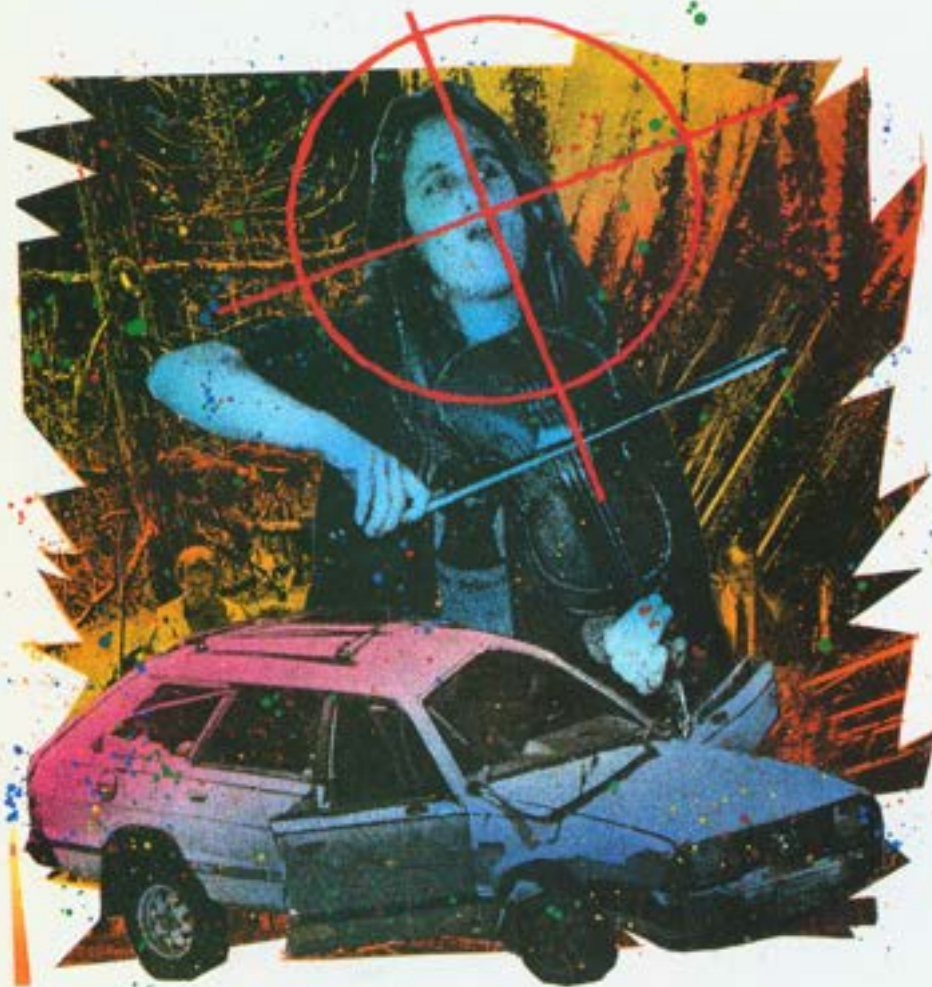
wonderful place to climb, and to show all athletes the benefits of climbing, which include balance, timing, coordination, flexibility, and mental focus." The latter quality is essential to success, Lewbin insists: "If you're thinking about the office, chances are you've already fallen."

—Sarah Baker



## No Second Warning

*Defenders of the ancient forests were ready for a summer of nonviolent confrontation. Then a car bomb went off.*



Paul Rauber

**T**HE ANONYMOUS typed postcard was mailed last April to Northern California environmental and labor activist Judi Bari: "get out and go bac k to where you come from. we know everything. YOU WON'T GET A SECOND WARNING."

Ironically, the intimidating message was anything but an initial caution: A photograph of Bari playing the fiddle at an Earth First! rally, with a rifle's

crosshairs drawn around her head, had already been found stuck to the door of the Mendocino Environmental Center, on whose board Bari served. Mendocino County sheriffs refused to look into the threats. "If you turn up dead," they told Bari, "we'll investigate."

Yet when Bari and fellow Earth First! organizer Darryl Cherney fell victim to a car-bomb explosion in Oakland one month later, they themselves became the prime suspects in the eyes of local and federal investigators—and hence, at least at first, in most of

the news media. Acting on information furnished by the local office of the FBI (information that the Bureau's own laboratories were subsequently unable to confirm), Oakland police declared that "Bari and Cherney are members of a violent terrorist group involved in the manufacture and placing of explosive devices."

Environmentalists familiar with the two injured activists' philosophies and political histories thought the charges ludicrous, and speculated about the likely culpability of a number of other interested parties, ranging from timber-industry managers or workers to the FBI itself. (Richard W. Held, the special agent in charge of the San Francisco FBI office, had directed many of the agency's well-documented efforts to infiltrate and disrupt black and Native American activist groups.) Though few moderate environmentalists took the Earth First! bombing as a sign that they themselves were next on anyone's hit list, most who followed the developing case were disturbed by the evident violation of Bari's and Cher-

ney's First Amendment and due-process rights. Many went a step further, urging that the charges against the pair be dropped and that Congress undertake an investigation of the FBI's role in the matter.

**L**ast spring, tensions were high and rising along California's North Coast, the center of the state's old-growth-logging industry. Judi Bari, Darryl Cherney, and others from Earth First! were busy planning "Redwood Summer," a series of protests aimed at protecting the last of Califor-

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nia's ancient redwoods. Bari, an experienced labor organizer, was working closely with timber workers, arguing that their economic future lay with sustainable forestry, not with clearcutting. Meanwhile, fearing that state regulation would result from passage of the Sierra Club-endorsed ballot Proposition 130 (ultimately rejected by the voters in November), major timber companies like Pacific Lumber and Louisiana-Pacific began cutting at an unprecedented rate, much faster than the forests could regenerate. A bitter war of words ensued between the timber industry and environmentalists, each camp trying to blame the other for the ultimate destruction of the North Coast economy.

At 4:10 a.m. on May 9, a pipe bomb exploded outside the office of a Louisiana-Pacific lumber mill in Cloverdale. It caused minimal damage, and didn't get much media play. The only indication of motive was a small sign near the blast site that read "LP screws millworkers." Nowhere was the

bomb linked to Earth First!—at least, not in the press.

Two weeks later, Bari and Cherney were in Oakland to organize support for Redwood Summer. On the morning of May 24 they left to attend a rally in Santa Cruz—but they didn't get far. Minutes before noon, a pipe bomb exploded underneath the driver's seat of Bari's Subaru. Taped to the bomb were finishing nails, which acted like shrapnel. Bari was seriously injured, with a shattered pelvis and internal injuries. Cherney suffered a broken wrist and facial cuts.

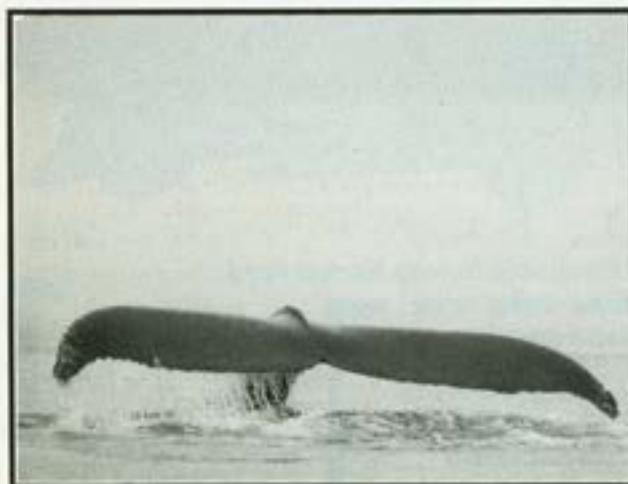
The FBI and the Oakland Police Department responded almost immediately. Within 15 minutes they had focused on Bari and Cherney as prime suspects in their own bombing. FBI Special Agent Frank Doyle, Jr. (a member of the Bureau's International/Domestic Terrorism Squad) concluded that finishing nails found in a bag inside Bari's car were "identical to the nails taped to the explosive device." Doyle also said that the bomb

had been placed behind the front seat, not under it, and thus should have been in plain view. Both Bari and Cherney were taken to a nearby hospital, where they were subsequently arrested and charged with possessing and transporting dangerous explosives.

In the following weeks, the Oakland police and the FBI clung doggedly to the theory that Bari and Cherney had been knowingly carrying the bomb, which had mistakenly blown up ahead of schedule. Demands by Earth First! members that other scenarios be examined were dismissed; Oakland police, meanwhile, sought to link Bari to the Cloverdale bomb that had exploded earlier that month. Yet as weeks went by, the FBI's Washington, D.C., crime lab was unable to produce any evidence linking the nails found in Bari's car to the bomb that had destroyed it. Tests also determined that the bomb had been *under* Bari's seat after all, and so would not necessarily have been seen by the car's occupants.

The case was further complicated on

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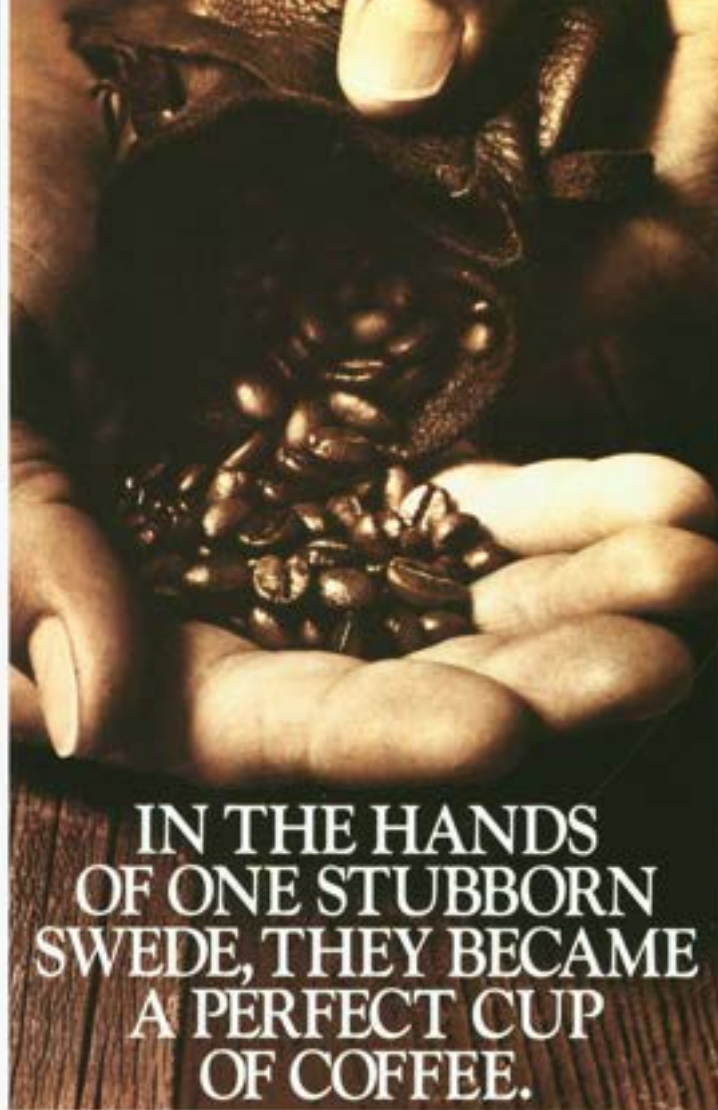
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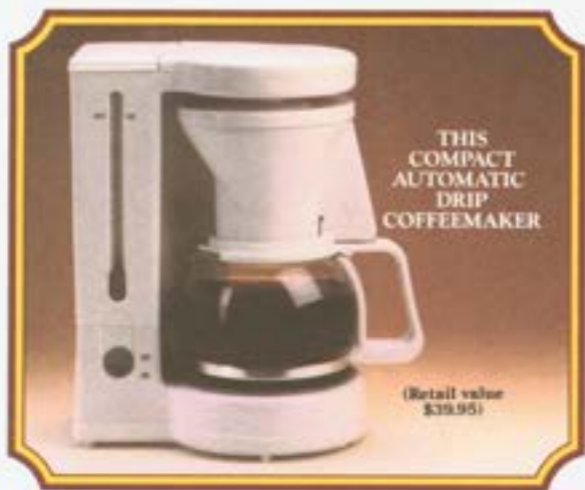
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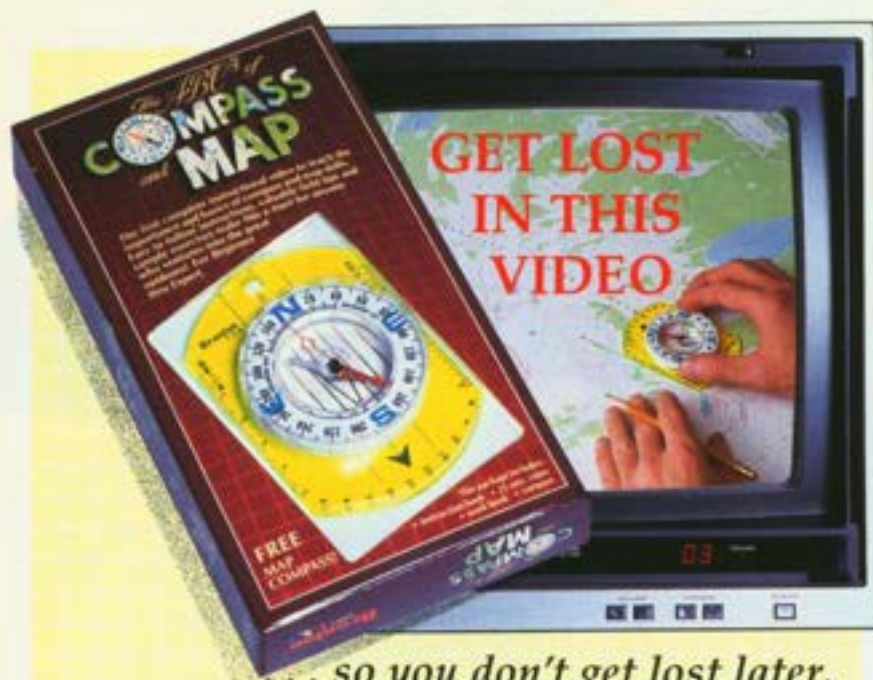
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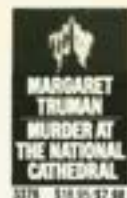
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May 30, when the Santa Rosa (Calif.) *Press-Democrat* received a neatly typed three-page letter from "The Lord's Avenger," who claimed responsibility for both the Cloverdale and Oakland bombs: "I built with these Hands the bomb that I placed in the car of Judi Bari," the letter began. The Avenger claimed divine sanction for the acts because of Bari's participation in the defense of a Ukiah abortion clinic, and gave such detailed descriptions of both bombs that all concerned acknowledged that the writer must have had inside knowledge of their construction. However, while the letter was liberally sprinkled with biblical quotations and random capitalization, it seemed strangely lucid for someone hearing murderous commands from God—leading many, including Darryl Cherney, to doubt its authenticity.

The Oakland police concluded that the letter was a hoax, mailed by an Earth First! accomplice in order to draw attention away from Bari and Cherney. They searched Bari's home again, this time seizing typewritten samples to see if any matched the letter from the Lord's Avenger. None did. On July 17, Alameda County prosecutors declined to press charges against Bari and Cherney, citing a lack of evidence to ensure conviction.

Environmentalists were outraged by the unrelenting focus on Bari and Cherney, especially given the numerous indications of other possible culprits. An informal alliance of leaders of more than 50 environmental, labor, women's, and civil-liberties groups (including the National Organization for Women, Earth Island Institute, Greenpeace, and the Sierra Club's San Geronimo Chapter) demanded an independent investigation of the case. They were joined by executives of five of the "Big Ten" environmental groups (Sierra Club, Friends of the Earth, National Wildlife Federation, National Parks and Conservation Association, and National Audubon Society), who complained that "the Oakland police and the FBI seemed to have prematurely ruled out or discounted the possibility that the bomb





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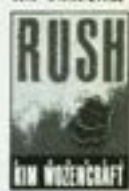
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was planted by people wishing to kill the two key environmental leaders of 'Redwood Summer' and thereby destroy the summer campaign." (Sierra Club Executive Director Michael Fischer says further that he is concerned about "the appearance of prejudice on the part of the authorities. Anything that has a chilling effect on citizen activism, in my view, is un-American.")

In response to the demands for an investigation, the House Subcommittee on Civil and Constitutional Rights, chaired by Don Edwards (D-Calif.), has agreed to look into the matter. Edwards requested a personal briefing by the FBI, but was denied. The Bureau has also refused to provide any written response. According to Edwards aide Jack Dempsey, "The inquiry is at a standstill."

Meanwhile, Judi Bari is recovering in her home near the logging town of Willits. At Sierra's press time in mid-November, the FBI had still not talked to her about the six-month-old bombing. "I don't see any evidence of a real investigation," she says. "Nobody seems to really have anything; the trail is cold, and it's been a long time."

But the attempts to intimidate Bari haven't stopped: A group calling itself the "Stompers," for example, has distributed a leaflet offering a "case of Coors to [the] stud who burns her hideout." This time, though, the rural community has reacted angrily to such threats. A second-generation logger wrote a letter to the Willits newspaper, publicly offering Bari shelter in his house. Art Harwood, head of the largest locally based timber company, also wrote to the paper, denouncing the threats: "Please, those of you who are promoting these acts of violence, stop. We need to be looking for ways out of the mess we are in, not getting ourselves in deeper. This starts with respecting the basic constitutional rights of all people, whether you agree with them or not."

PAUL RAUBER wrote "The Stockbroker's Smile" in the July/August 1990 issue of Sierra.

## Salmon on the Spot

The Endangered Species Act is called upon to help an icon of the Pacific Northwest in its upstream battle to survive.

Douglas Gantenbein

**S**ALMON IN THE Columbia and Snake rivers once numbered in the millions. Indians speared them from tall wooden stands built beside rapids, and commercial fishermen with horse-drawn nets pulled in huge mounds of flopping, mint-silver fish. Along with the seemingly endless forests whose rivers they used as migratory paths, the abundant salmon became a potent symbol of the Pacific Northwest's riches.

Under pressure from development and overuse, however, the wild salmon have been disappearing fast. Now, on the heels of the debate over the spotted owl and its old-growth forest habitat, a struggle over the future of Columbia and Snake salmon again pits economics against a dwindling northwestern species.

Nine million or more fish once traveled the Columbia River system through Oregon, Washington, and

Idaho each year; yet today biologists can count only a third of that number. And four-fifths of those fish are bred in hatcheries built to compensate for declining populations. The few remaining descendants of the rivers' historical runs (wild migrations) are in trouble in most parts of the river basin.

In an effort to save wild stocks, last spring several conservation groups filed petitions seeking Endangered Species Act protection for four salmon runs. Earlier, the Shoshone-Bannock tribe of Idaho had filed a similar petition on behalf of wild sockeye salmon. All have been accepted for review by the National Marine Fisheries Service (NMFS), and by summer the agency will have decided whether to propose listing any or all of the five runs as endangered.

While the spotted-owl dispute focuses on a single industry, the salmon controversy could affect many. Nineteen dams on the Columbia and

Snake supply half of the Pacific Northwest's electrical power. Water taken from the Columbia irrigates 3 million acres of farmland. The rivers are a regional highway and playground. And despite the salmon's decline, commercial fishing remains an important part of the Oregon and Washington economies. Once given federal designation, endangered species must be protected without regard to economic consequences: By 1992 farmers, utilities, fishermen, and recreationists may be required



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to dramatically change the ways they use the rivers.

The problem of declining salmon runs is not new. The NMFS considered endangered-species status for the fish more than a decade ago. But a decision was put off to give the newly formed Northwest Power Planning Council, a commission assigned the task of balancing preservation with power generation, a chance to get up and running. The council made some progress, such as coordinating recovery plans for the Snake River chinook run, but wild fish stocks continued to decline.

Concern over wild runs turned to alarm this past year when only two Snake River sockeye were counted passing through the fish ladder at Lower Granite Dam in Idaho—down from about 4,500 fish in 1950. Stocks for several other runs have also dropped. The reason: nearly 60 years of accelerated dam-building, logging, farming, and industrial polluting.

Biologists fear that the extinction of wild salmon runs (100 of which have already vanished) jeopardizes not only the health of the rivers but also the supposedly secure hatchery runs. Without wild fish, the gene pool for salmon would shrink dangerously. "The patterns of selection that go on in hatcheries differ from what goes on in the wild," says Tom Quinn, a fisheries professor at the University of Washington. "Generally speaking, [hatcheries produce] genetically inferior fish."

The failure of hatchery salmon to fully replace wild runs has been well documented. Hatcheries tend to be successful during their first few years of operation, but then production trails off. One reason is that the disease-prone hatchery fish are poorly equipped to succeed in the outside world. Accustomed to finding food pellets scattered on the surface of their pools, hatchery fish continue to look for food there in the wild, and become easy pickings for predators. Some studies show that wild salmon are nine times as likely as hatchery fish to survive and return to the Columbia or Snake rivers. In addition, hatchery fish

are expensive: It costs perhaps \$100 to return a single adult salmon to the mouth of the Columbia.

Some of the culprits in the salmon's decline are painfully obvious. The turbines at Bonneville Dam's second powerhouse, for example, are 27 feet across. Water from the Columbia rushes through at 130,000 gallons per second, spinning each turbine faster than one turn per second. For newly hatched smolts migrating downstream to the ocean, the turbines are death traps. Between 10 and 15 percent of the young fish passing through each dam are killed outright or are so stunned by the pounding water that they become easy targets for the gulls that circle overhead.

Among the measures suggested to help young salmon reach the ocean is to let more water flow over the dams, rather than through the turbines, during peak migration periods. But the Bonneville Power Administration, which coordinates power generation along the Columbia River system, has estimated that the cost of the Northwest's historically low-priced electricity could jump by a third if water flows are greatly increased.

The dams aren't the only contributors to the salmon's predicament. Agricultural interests remove huge amounts of water from the Columbia and Snake each year for irrigation, and they have zealously guarded their water rights. Forestry practices may need changing to better protect the small streams that are spawning grounds for the salmon. And although most salmon taken by commercial fishermen are raised in hatcheries, the total annual fish harvest may have to be cut back because many wild fish are also netted.

What is under review on the Columbia is not one species, but the management of a resource vital to the entire region. There is hope, though, that a "jobs vs. the environment" stand-off can be avoided. At the behest of Senator Mark Hatfield (R-Ore.), Columbia and Snake water users are meeting this winter to try to hammer out a salmon-recovery plan that might

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preclude listing the fish as endangered. To succeed, the talks will have to confront emotional as well as economic issues. "The salmon cuts close to the whole identity of the Northwest," says Michael Blumm, law professor at Lewis and Clark College in Portland and editor of the *Anadromous Fish Law Memo*. "It's intrinsic to the

Indian people's culture and customs and has been similarly entrenched in white culture." During the next few years the Northwest will find out whether its economy and its identity can swim side by side.

DOUGLAS GANTENBEIN is a freelance writer based in Seattle.

#### GRASSROOTS

## New Kids on the Earth

*Not content to prepare only for a high-income future, many students are working today to improve the world.*

Keiko Ohnuma

**T**ODAY'S TEEN AND "twenty-something" environmental activists are showing themselves to be low-key and coolly efficient. Demonstrations and rallies aren't really their style; these high-school and college students would sooner organize a tropical-hardwood boycott or produce a catalog of their school's "environmentally sound" courses than take to the streets.

Whatever their tactical approach to current issues, today's up-and-coming defenders of the Earth are eager to put a new face on environmentalism. Reared during the Reagan era, they pride themselves on their fusion of 1960s-style idealism with '80s-style practicality. With high spirits and boundless energy, they've formed an efficient nationwide student-organizing machine composed of a bewildering array of political and social-change groups.

Among the largest components of this new activist mechanism is the Student Environmental Action Coalition (SEAC), which members call "Seek." Formed in early 1988 by two University of North Carolina at Chapel Hill students who wanted to communicate with other green-minded youth, SEAC has grown rapidly. In October 1989 the organization's first national conference, Threshold, drew 1,700 activists to a three-day powwow at the Chapel Hill campus. Participation swelled to 7,600 at Catalyst, SEAC's

second major gathering, held last fall at the University of Illinois at Champaign-Urbana. For that event students came from all 50 states, Europe, Africa, and Asia.

Serving as an umbrella organization for more than 500 campus environmental groups, SEAC functions as a grassroots network, an information clearinghouse, and a spiritual resource for "empowering and enriching" its members, who may choose to undertake activities as politically neutral as promoting solid-waste reduction or as controversial as marching for animal rights.

"We try to be a decentralized democracy, where ultimately the grassroots decide what their stance is" on any given issue, says UNC-Chapel Hill student Ericka Kurz, one of SEAC's original organizers. Coordinated, top-down policymaking is distasteful to the leadership, and member groups don't necessarily have to support any regional or national action, explains Lara Mears, a student at Texas A&M University who serves on SEAC's governing body, the National Council. The organization, she says, simply "brings together groups that have been working on a variety of issues, motivating them and giving them a voice nationally."

At Mears' school, for example, TEAC (Texas Environmental Action Coalition) has published a community recycling directory and set up company-sponsored recycling bins in the

dorms. At Stanford University, SEAS (Students for Environmental Action at Stanford) is concentrating on getting environmental studies incorporated into the academic curriculum. And at UNC-Chapel Hill, students are looking beyond their campus, drafting a resolution challenging the state's road-construction budget.

So far SEAC has concentrated primarily on coalition-building. But at campuses where no environmental-action groups yet exist, SEAC promotes such politically inclusive and pragmatic activities as recycling. National Council member Lisa Abbott of UNC-Chapel Hill says recycling is one of the best tools an organizer can use to involve students, "because a large number of people have to work together. From there, it's easy to get them talking about other issues."

Besides the youth of its members, what distinguishes SEAC from most mainstream environmental groups is its attempt to incorporate a broad array of social issues into its agenda.

Soon after Threshold, where guest speakers represented what students saw as the predominantly white, male, middle-class environmental establishment, SEAC began to cultivate alliances with grassroots organizers of minority, labor, and consumer groups—the sort of people who provide what Kath Delaney of the National Toxics Campaign Fund calls the "new voice" of environmentalism. As a result, Catalyst speakers included Winona LaDuke, president of the Indigenous Women's Network; Cesar Chavez, president of United Farm Workers; consumer advocate Ralph Nader; and Physicians for Social Responsibility founder Helen Caldicott.

Behind this shift in emphasis is a definition of environmentalism that stretches to include "anything that impacts on a living organism," as National Council coordinator Beth Ising puts it. David Ball, student coordinator of SEAC's administrative office, says the term means protecting not only the environment but "the people who live in it," and thus working to-



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ward "eliminating sexism, racism, and homophobia, promoting peaceful and nurturing philosophies over militaristic and exploitative ones, and questioning why corporations have so much control over how common resources are used."

**S**uch broad-minded thinking isn't found just among college groups. Creating Our Future, a Marin County, California-based organization made up mostly of high-school students, and its national offshoot, Youth for

Environmental Sanity (YES!), have also wedded traditional environmental thinking to social concerns.

Creating Our Future organizer Joseph Pace, a 19-year-old high-school graduate, regularly visits schools to promote environmental awareness. He tells students they should be aware of how their actions affect the world around them. For him, concern for animal rights and social justice make up part of the "compassion for all beings" implied by the word environ-

mentalism. YES! organizers are touring the country, bringing a similar message to hundreds of thousands of primary and secondary school students in 25 cities in 13 states. Sixteen-year-old Santa Cruz, California, resident Ocean Robbins, a YES! spokesperson, says students are doing "tons of things" to address such issues at countless schools throughout the United States.

While some veteran environmentalists might scoff at such all-inclusive idealism, many are enthusiastic about the new trend.

"Some of these students have an awareness that I am just beginning to have myself," says the National Toxics Campaign Fund's Delaney, who has been active in the environmental movement for ten years. "They're very committed to a democratic process, very sensitive to gender and cultural issues, and beginning to develop a plan to bring in students who haven't historically been involved."

Environmental theorist Barry Commoner, who spoke at Threshold, views the students as natural allies of grassroots activists. While the big environmental organizations "are negotiators, litigators, lobbyists," he says, the students "are much more like community groups, oriented toward anti-corporate activism."

Indeed, established grassroots organizations have begun to see a potential gold mine in SEAC and other youth networks. Earth Day organizer Denis Hayes believes SEAC's influence will ultimately depend on whether its leaders can effect change. But their ability to turn out large numbers of activists, Hayes says, gives SEAC, Creating Our Future, YES!, and similar groups "de facto political power." Hayes, like Commoner, notes that students, dismissed by activists during the Reagan years as "investment bankers on the make," have become increasingly sought after by some of the major environmental organizations—"not just as foot soldiers, but as allies." ■



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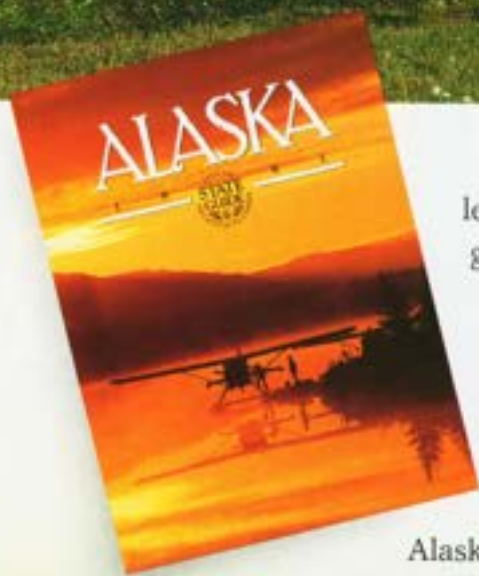
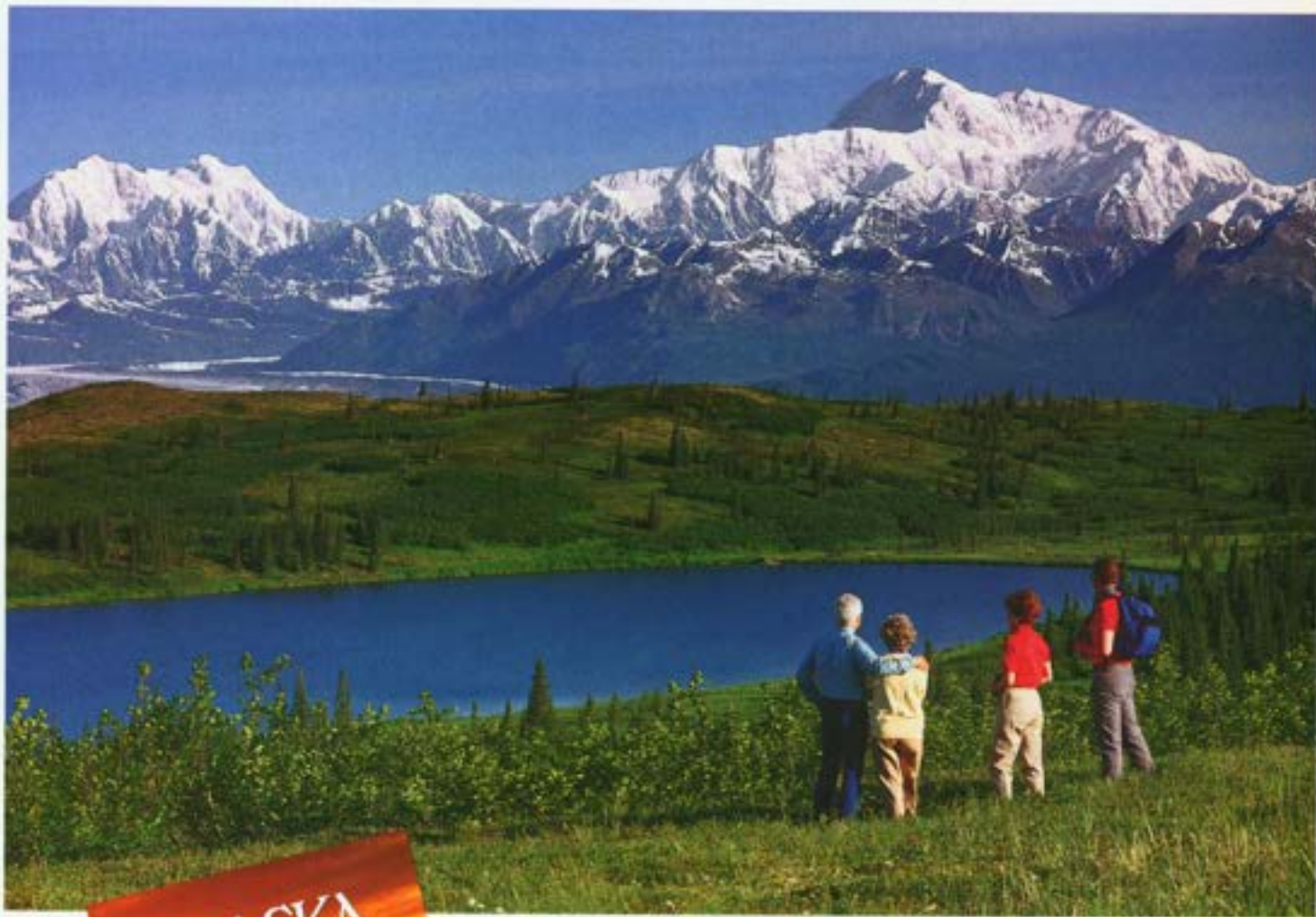
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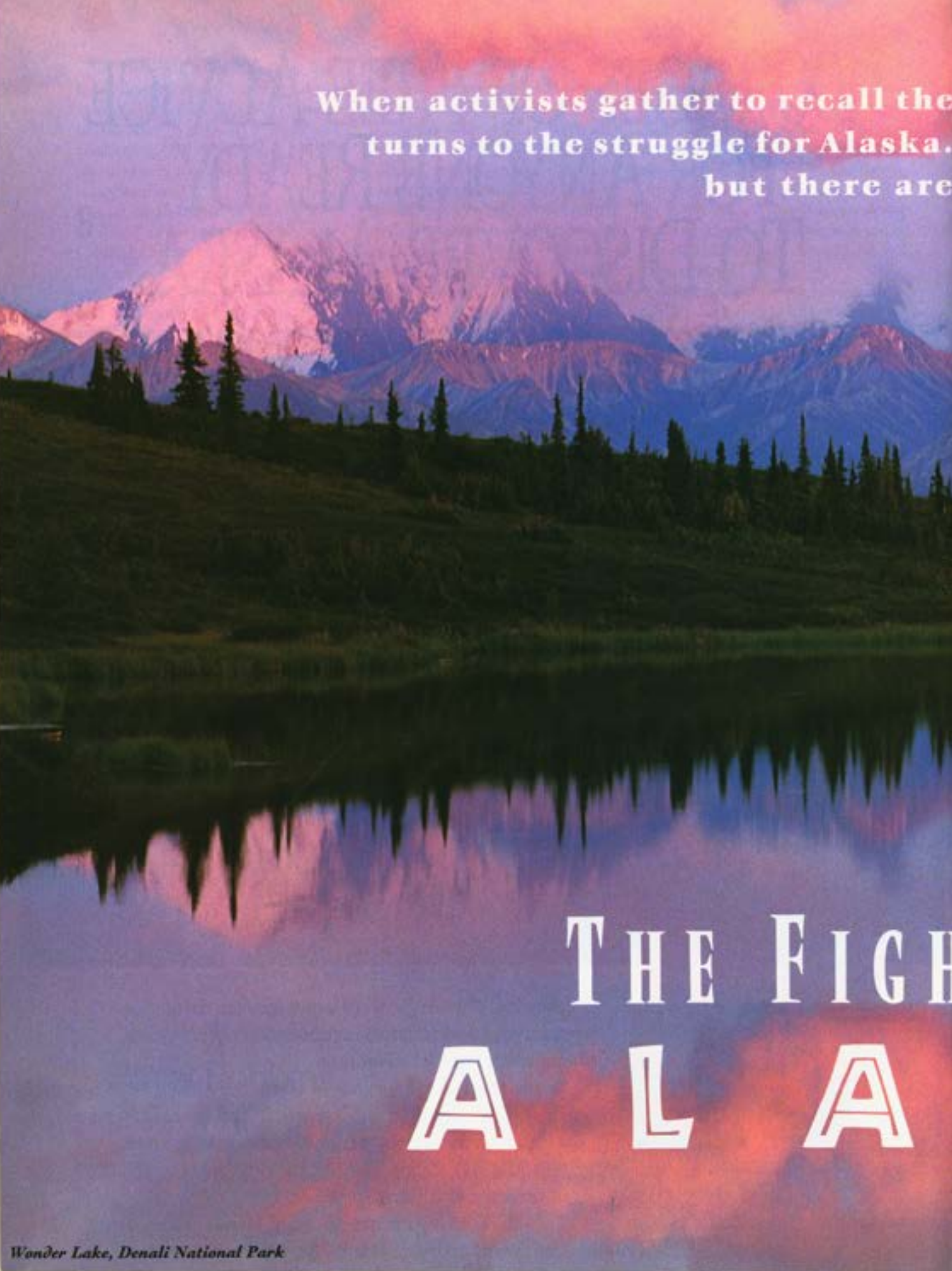
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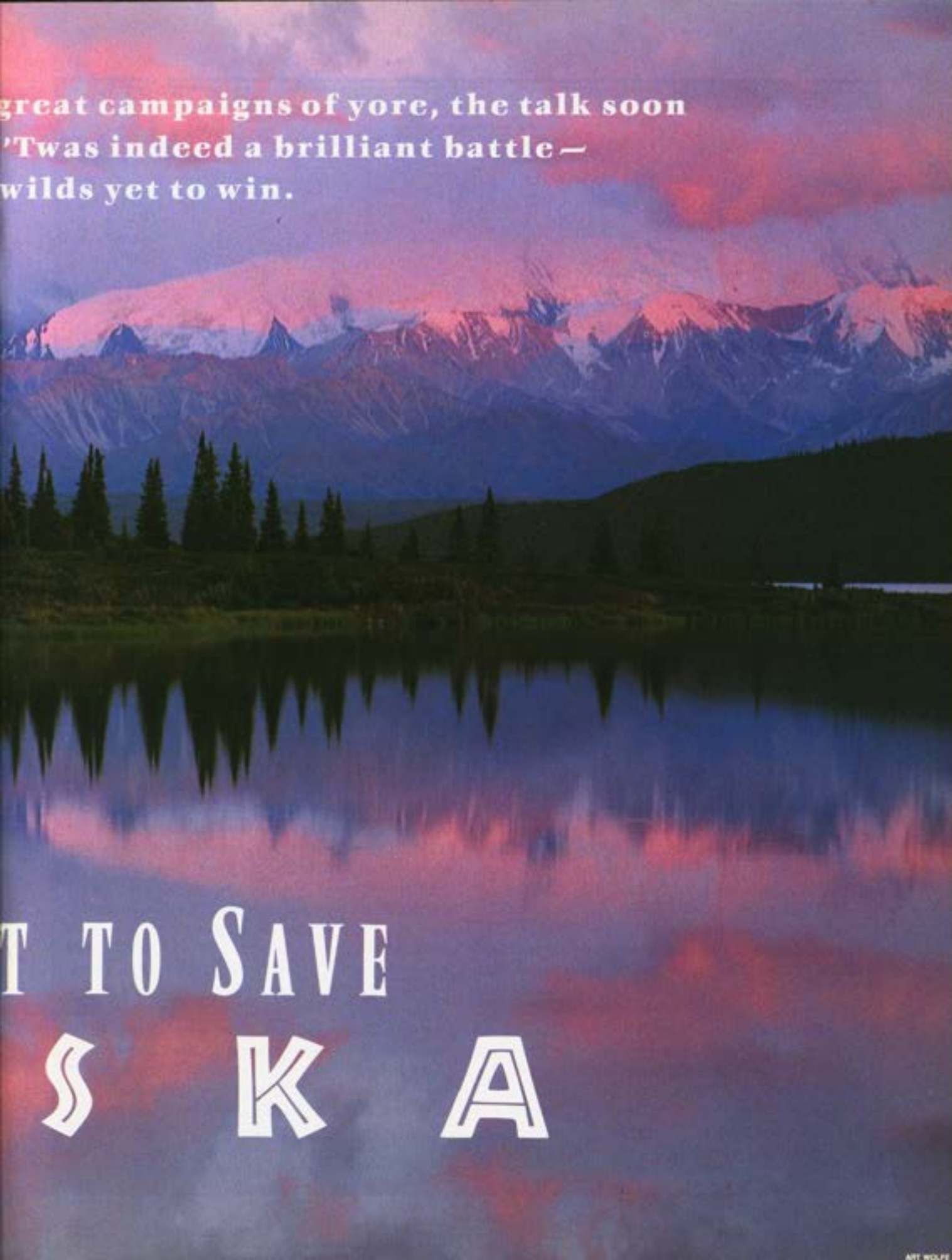
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When activists gather to recall the  
turns to the struggle for Alaska.  
but there are

THE FIGHT  
ALASKA



great campaigns of yore, the talk soon  
'Twas indeed a brilliant battle—  
wilds yet to win.

T TO SAVE

S K A

# IN THE NATIONAL INTEREST



Alaska. In the Aleut language, the Great Land; "Seward's Folly" when the United States bought it from Russia in 1867. Alaska's supreme wilderness survived virtually intact into the middle of this century, save for scattered logging, trapping, and fishing camps, mines, and isolated towns and villages. But following World War II, oil was discovered on the Kenai Peninsula, and the modern Alaska land rush was on.

Statehood, in 1959, was accompanied by a grant of 104 million acres of federal land—more than a fourth of all the land in Alaska. Fixated on economic growth, the new state began to identify the areas with the greatest potential for resource development. The rich pie was being sliced up in a process that ignored both the impact of dismembering great wilderness ecosystems and the interests of Alaska's Native peoples, who claimed aboriginal title to most of the new state's 375 million acres.

The slicing stopped in 1966 when Secretary of the Interior Stewart Udall imposed a freeze on federal land transfers until Native claims could be resolved. Oil was discovered at Prudhoe Bay in 1968, but the freeze stalled approval of the Trans-Alaska Pipeline, intended to get Prudhoe Bay oil to market (and hence profits to oil companies and royalties to the state). Suddenly developers were eager for Congress to settle the long-languishing Native land claims.

A complex formula for establishing Native land-selection rights was worked out, involving transfer of 44 million acres, or 40 percent of

**This season marks the tenth anniversary of the signing of the Alaska National Interest Lands Conservation Act of 1980. The law – the greatest land-preservation act in U.S. history – was shaped by a titanic struggle between pro-development forces and a unique coalition of America's conservationists. ♦ What follows is a personal recollection from a veteran of the campaign. "I want to tell this story," Douglas Scott says, "for the many thousands of people across the country who took part and who shared in this achievement, but most of all for those who are newer to the cause. Their voices are badly needed now in the fight to save the Arctic National Wildlife Refuge and to fully protect all of Alaska's wildlands."**

Alaska's federal lands. The only lands to be left wild, it appeared, were those that developers didn't want. Many people in Alaska thought that was just dandy: "This country's so goddamn big that even if industry ran wild we could never wreck it," the top assistant to the governor said in the January/February 1971 issue of *Sierra*. "We can have our cake and eat it, too."

But amid this orgy of land selection and frontier boosterism, voices of protest arose. Alaskans such as Jack Calvin, Celia Hunter, and Mark Hickok, as well as people from "Outside," pointed out that Alaska is not merely a storehouse of ore and oil, logs and

pelts, but an ecological treasure trove of wilderness, wildlife habitat, and natural wonders unmatched in the Northern Hemisphere. The entire nation has an interest in these values, they argued, and that interest is being ignored.

Thus, in the late 1960s, conservationists came to focus on Alaska's national-interest lands—the wild places that could be set aside as new national parks, national wildlife refuges, wild rivers, and wilderness areas, in a pattern with ecological integrity, and all on an unrivaled scale.

Conservationists recognized that Alaska's great wilderness would be doomed if the state and Native land-selection processes were not balanced by attention to the national-interest lands. They decided to push for a national-interest-lands amendment to the Alaska Native Claims Settlement bill moving toward congressional approval in 1970 and 1971. Representatives Morris K. Udall

(D-Ariz.) and John P. Saylor (R-Penn.) teamed up to lead the effort, over the fierce op-

BY DOUGLAS SCOTT



RICHARD E. LIPTON

position of some colleagues in Congress, the Nixon White House, the state of Alaska, the oil industry, and even Native organizations.

An intense House floor fight ensued. When the votes were counted, the Udall-Saylor amendment had been defeated 217 to 177. Nonetheless, the political strength conservationists displayed convinced the Senate to include a national-interest-lands provision in its version of the bill. When the two bills were reconciled in the House-Senate conference committee, the provision was adopted, and Section 17(d)(2) of the Alaska Native Claims Settlement Act, signed by President Nixon on December 18, 1971, gave the idea of Alaska's national-interest lands real stature.

**U**nder the new law, the Secretary of the Interior had two years to identify potential national parks, refuges, wild rivers, and wilderness areas in Alaska. In the meantime the Secretary was to declare up to 80 million acres of these lands off-limits to state or Native claims until 1978, giving the department and Congress time to act on permanent protection.

Political success has much to do with timing, and sometimes even more to do with luck. The selection of na-

tional-interest lands began at a time when the Interior Department was run by a Republican team whose conservation accomplishments would astonish those who recall only the more recent depredations of secretaries Watt, Hodel, and Lujan. Richard Nixon's Interior Secretary, Rogers C.B. Morton, had appointed Nathaniel P. Reed assistant secretary for fish, wildlife, and parks. A devoted naturalist from Florida, Reed recruited talented professionals from the National Park Service, Fish and Wildlife Service, and other agencies to conduct field studies in Alaska. In December 1973 Morton proposed that Congress protect 83 million acres—32 million in National Park System units, 32 million in national wildlife refuges, 18 million in national forests, and 1 million in wild-and-scenic-river corridors.

Conservationists welcomed the Morton proposals, but recognized that they fell short for a state as big and quintessentially wild as Alaska. Led by its own Alaska experts, the Sierra Club drafted a 106-million-acre counterproposal, which was introduced in Congress by Senator Henry Jackson (D-Wash.) in 1973 and again in 1975. Morton's and Jackson's bills died, however, in the face of a solid phalanx of development proponents.

As conservation leaders mobilized for a more concerted

## TWO FOR ALASKA



o writer Peggy Wayburn, Alaska seemed an intriguing vacation spot. "It sounded so magnificent, so remote, so unknown." Her husband, Ed, required no convincing. The San Francisco physician, serving his fifth year as president of the Sierra Club, had been using his scant free time to take his family to wilderness areas in the western states. A trip to Alaska would help complete his catalog of the country's most pristine wildlands.

Ed and Peggy's two-week tour of Glacier Bay, Mt. McKinley, and the Kenai Peninsula in 1967 turned out to be more than a pleasant and informative holiday. The journey was overwhelming: It planted in them a firm conviction that Alaska—called by explorer Henry Gannett "the showplace of the entire earth"—had to be protected from the fate of the paved and polluted Lower 48.

The Wayburns were hardly the first conservationists to feel that way. But they were the first who committed themselves to the task with a national organization backing them. In the following years this middle-age couple found themselves hurtling down

rivers in rubber rafts, lecturing at Rotary luncheons, and walking the halls of publishers and Congress as they pursued their goal with youthful zeal. "The chance to protect Alaska seemed like an opportunity from the gods," Peggy recalls.

When Ed returned from their trip in the fall of 1967, he told the Sierra Club Board of Directors: "Alaska must be our next priority." The organization was embroiled in issues closer to home, including the fight over dams in the Grand Canyon. But Ed prevailed, and the Board added Alaska to the list of the Club's prime concerns.

It wasn't at the top of the list at first. Alaska was too far away, too little known. The development that had occurred seemed dwarfed by the state's vast landscape. Then, in 1968, oil was discovered in commercial quantities at Prudhoe Bay. After that rich strike and the development boom that followed, the Wayburns had little trouble convincing conservationists that Alaska urgently needed defenders. "So much land is going to be set aside for the state, the Natives, and the oil companies," Ed recalls telling a group of scientists at a meeting in Fairbanks in

1969. "It's time to set aside something for all of the American people."

The Wayburns resolutely carried this message, which bore the seeds of future legislation, to the Sierra Club and the world at large. While raising a family of four, maintaining a medical practice, and playing a leading role in many other conservation battles, they preached Alaska preservation to whomever would listen. They wrote magazine articles, gave slide programs to church and service groups, and developed a traveling photo exhibit. They encouraged the Club to sponsor outings to Alaska, and nurtured fledgling conservation organizations within the state. Peggy prepared audio-visual programs to be used in schools, and wrote a coffee-table book, *Alaska: The Great Land* (Sierra Club Books, 1974).

Ed convinced the Sierra Club to file several Alaska lawsuits, some of which not only settled important legal disputes but drew attention to the cause. Throughout the 1970s he also helped craft and champion a series of conservation packages that eventually became the Alaska National Interest Lands Conservation Act of 1980.

"Ed was in the thick of the Alaska campaign at every stage," says former Ohio congressman John Seiberling.

effort, they faced an important question: whether to push for new parks, refuges, and wilderness areas piecemeal or as a single package.

Strategists met in Washington in November 1976 to debate the issue. Many of the leaders of the groups that formed the newborn Alaska Coalition were there, including the Sierra Club's former president, Edgar Wayburn, and its executive director, Michael McCloskey. (The coalition eventually comprised more than 50 organizations, including The Wilderness Society, National Audubon Society, Alaska Conservation Society, Friends of the Earth, National Parks and Conservation Association, and such strange bedfellows as the United Mine Workers and the United Autoworkers.)

A consensus emerged: We would push a large package, capturing in a single bill a great vision for the Alaskan wilderness, one designed to fire the imagination of people

in every state. In the end our proposal included more than 110 million acres.

Timing and luck were with conservationists again, for just as we prepared for our most intensive lobbying drive ever, the electorate sent Jimmy Carter to the White House. Carter, a conservationist of Rooseveltian vision, saw the opportunity in Alaska just as we did: as a final chance for the United States to establish great national parks and refuges on a grand scale. To help him realize that vision, he brought in ecologically and politically savvy Idaho Governor Cecil Andrus to be his Interior Secretary.

Meanwhile, the end of the moratorium on state and Native claims was only two years away. We hastened to offer a new bill—the Alaska National Interest Lands Conservation Act—and a simple message to underscore, for every member of Congress, the priority the conservation movement assigned to it: The votes you cast on this bill,



"He was an informed consultant, prodder, and inspirer of Congress and the Carter administration."

Every summer (and some winters), Ed and Peggy returned to Alaska, often to meet with sympathetic locals who had contacted the Sierra Club. In 1968 Jack Calvin of Sitka told them about an island near his home: "No one knows anything about it," he said, "and the Forest Service has slated it for logging." After tagging along with Calvin on a five-day tour and grilling the Forest Service on its plans, Ed and Peggy were convinced that the area's intact forest ecosystem was worth far more than its timber. They included the west side of Chichagof Island on their growing list of places that needed protection. Eleven years later, the Alaska Lands Act banned chainsaws from west Chichagof forever by designating it wilderness. It was one of many areas they visited that they later championed in Congress.

Not all of the Wayburns' forays were so productive. Once, on a visit to the Tikchik Lakes, they stayed at the lodge of a pleasant gray-bearded Alaskan with a Swedish accent. He was an unusually cordial innkeeper, they thought, who went out of his way to entertain them. Then, over drinks on



*Peggy and Ed Wayburn*

the third evening, the man announced that it was time to "talk business." Did they want to buy his lodge, his cabins, and his land?

Puzzled and surprised, they said that they lacked the funds. "Maybe you do," their host replied. "But what about your club? Everybody knows the Sahara Club is the wealthiest casino in Reno."

"Then I had to explain the difference," Ed says with a gleam in his serene blue eyes.

Today such confusion would be less likely. As Peggy says, "There is a totally different climate. Whether they like us

or not, Alaskans know what the Sierra Club is and what we intend to do."

The Wayburns have watched other changes come to Alaska over the past 24 years. They've seen the population double, and witnessed the coming of smog and other serious pollution. They've also observed less wildlife lately. Corporate mining, on the other hand, is on the upswing. Tourism is booming, too, placing new stresses on the state's growing number of popular destinations.

Although the couple is busy with many other matters—52 years after he first joined the Sierra Club, Ed still serves on the Club's Board and is the organization's vice-president for national parks—the Wayburns have kept Alaska as a central focus. "This work requires eternal vigilance," Peggy says.

This winter they'll travel to Washington, D.C., to ask Congress to examine, through oversight hearings, how well the Alaska Lands Act has been implemented. In the summer they'll head north to revisit the land that transformed their lives. They'll make the rounds of the bureaucracies and then, perhaps, load up a raft for a voyage down their 31st Alaskan river—exact destination unknown.

—Joan Hamilton

we said repeatedly, will be "the land and wildlife conservation votes of the century."

Udall was our most powerful champion in the House. He was chairman of the pivotal House Interior Committee, but his power extended beyond this group; his political acumen and sense of humor made him a natural leader. Udall led a team of devoted colleagues—including John Seiberling (D-Ohio), a conservationist who quickly mastered the complexities of Alaska legislation.

The situation in the Senate was more problematic. The key player was Jackson, chairman of the Energy and Natural Resources Committee. Although he had helped conservationists in the earlier stages of the battle, Jackson also felt an allegiance to Seattle business interests that had an enormous stake in the 49th state. We had the help of several senior senators—notably Alan Cranston (D-Calif.) and Gaylord Nelson (D-Wisc.). But our cause was largely

led by younger senators: in 1978 John Durkin (D-N.H.) and, in 1979, newly elected Paul Tsongas (D-Mass.).

Our strategists looked over this political terrain and concluded that conservationists would have to wage the first fight in the House, hoping to carry a strong bill with overwhelming political support from there to the Senate. Our key congressional ally at this stage was Seiberling, who set out to demonstrate the national demand for a visionary Alaska lands bill. To accomplish this he took H.R. 39—the comprehensive bill Udall introduced on January 4, 1977—on the road.

The Alaska Coalition mobilized local Sierra Club and Audubon groups, set up phonebanks, and mailed flyers. The resulting turnout at Seiberling's public hearings was impressive: In Chicago, Atlanta, Denver, and Seattle so many hundreds of people came to testify in support of the Udall bill that the subcommittee had to divide into as

many as four separate groups, taking two-minute statements from morning to midnight and beyond.

In July and August of 1977 the subcommittee moved to Alaska itself, holding five days of hearings in the major cities, and 21 informal meetings in smaller towns and villages. About half of the witnesses supported Udall's bill, a point Seiberling would raise again and again in response to Alaska Republican Senator Ted Stevens' claims that Alaskans overwhelmingly opposed the legislation.

By February 1978 the Alaska Coalition, chaired by Sierra Club lobbyist Chuck Clusen, had built a powerful organization. To inform Congress, we had recruited 20 lobbyists from national conservation groups; a third were, like me, Sierra Club staffers from regional offices across the country. Each was assigned the full-time task of educating some 20 House members about Alaska lands issues.

The work of the lobbyists was augmented by a corps of Alaskans and by the senior officials of the individual conservation groups. (Among the Alaskans was Jack Hession, hired in 1970 as the Sierra Club's Alaska representative and still on the job today.) Crucial, too, were the efforts of our media group, which helped increase newspaper and television coverage and gain nationwide editorial support. Adding to the pro-H.R. 39 forces' clout was Americans for Alaska, a committee organized by environmentalist and philanthropist Larry Rockefeller, and made up of a cross section of VIPs supporting the Udall bill—politicians Tom Bradley and George Romney, businessman Marshall Field, Admiral Elmo Zumwalt, civil-rights leader Vernon Jordan, and labor leader Douglas Fraser.

The Coalition's grassroots organizers spent their days—and evenings—phoning conservation-minded citizens in each congressional district. Soon they had established a network of leaders all across the country, many of them Sierra Club or Audubon volunteers. These volunteers—who wrote letters, rallied others to write, organized face-to-face meetings with their representatives, generated media coverage, and turned out dozens of constituent phone calls as the day of the vote neared—were indispensable to the campaign.

In California, high-school student Mark Chalfant organized grassroots activists in three congressional districts. In Alabama, Sierra Club activist Carolyn Carr found herself promoting Alaska lands on an early-morning television talk show with an evangelist and a belly dancer. Periodically, Chalfant, Carr, and scores like them were brought to Washington for detailed briefings, and to lobby in person. They returned home with new political skills and—as Carr remembers—"an emotional commitment every bit as powerful as adrenaline."

Back in the jammed and sometimes cacophonous Sierra Club Washington office that housed the coalition, lobby-

ists were phoning in up-to-the-minute appraisals of how each representative would vote. These triggered calls to volunteer leaders, who in turn generated another wave of last-minute phone calls to wavering or uncommitted representatives. Coalition lobbyists could detect the impact in half an hour as phone calls from constituents poured into congressional offices. Every night we updated assessments, planned intensified lobbying of the most critical representatives, and readied lobbying instructions and hand-out materials for the following day.

Coalition strategists held daily meetings with Udall, Seiberling, and two dozen other House members to update their target lists for personal, member-to-member lobbying. Each morning, coalition leaders met in the White House with President Carter's staff, exchanging the latest head counts. We would hand a list of five or ten still-uncommitted House members to Carter's lobbyist, knowing that those members would get a personal call from the President later that day.

The outcome, in May, was a tremendous victory: The House of Representatives passed a bold, expansive H.R. 39 by a 9-to-1 margin. We had fulfilled our hope of rolling into the Senate on a powerful wave.

But the situation in the Senate was even worse than we had feared. After long delays, Jackson and Stevens drafted a development-oriented bill. Jackson then began negotiating behind the scenes with the champions of the House bill. The compromise they were shaping collapsed at the last moment when Senator Mike Gravel (D-Alaska) insisted on adding a long list of new dams and other pro-development provisions.

With any hope of enacting an acceptable bill that year dashed, conservationists tried to extend the interim protection of the national-interest lands, which was due to lapse on December 18. But Gravel blocked that effort with an all-night filibuster.

At this point President Carter took a step for conservation paralleled in our history only by Teddy Roosevelt's establishment of the original national forests. Carter used his executive powers to proclaim 56 million acres of the contested lands "national monuments," and Secretary Andrus proclaimed another 40 million acres new national wildlife refuges. These moves effectively put the pressure back on Congress; the proclamations would stand until legislators passed a bill. Alaskan politicians and developers were aghast.

**U**dall reintroduced H.R. 39 in January 1979, on the opening day of the new Congress. But that spring the Udall bill was defeated in committee by a single vote, and a pro-development version was substituted. When this bill reached the House floor, conservationists fought

*Continued on page 121*

**outings 1991** sierra club



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## DEDICATION

This catalog is dedicated to George Winsley, a former Director of the Outing Department. George has also led many chapter and national outings and is an officer in the Foreign Subcommittee. His energy and enthusiasm are matched only by the quality of the work he contributes to the Outing program.

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## IMPORTANT

**Please read carefully.**  
*The Outing Department will begin processing reservations for summer and fall trips on January 7, 1991. Trip brochures will be available on January 2.*

*To order individual trip brochures, please see page 119. Make sure you read the Reservation and Cancellation Policy carefully before applying. Please note any changes that have been made.*

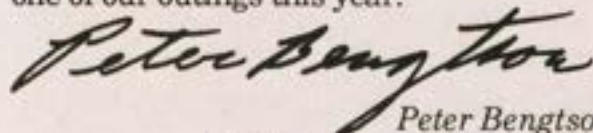
*Many trips can accommodate special dietary needs (e.g., vegetarianism, allergies) while others cannot. Check individual trip brochures or contact trip leaders about your particular situation. Make sure to include your membership number on your trip application. It can be found on your membership card and on the mailing label of your copy of Sierra.*

**For further information,  
call the Outing Department  
at (415) 923-5630.**

*Printed on  
recycled paper.*

# CHAIRMAN'S MESSAGE

Over the next two years the Sierra Club will celebrate a century of protecting our wild lands. The Outing Committee will be an important part of this event; and as chairman of one of the Club's oldest and most active committees, I am proud of the role we have played in the Club's history. In these centennial years, as in every year, outings will help inspire and educate our members to save our precious wilderness. ♦ The Outing program for 1991 offers a broad range of trips, from leisurely to strenuous, throughout the United States and many foreign countries. Special Centennial outings are described on page 48. ♦ This year we are offering more van and bicycle trips. Van trips use rental vehicles to carry personal and commissary gear, leaving participants unencumbered and free to explore. These trips are suitable for those who want to travel with like-minded Club members in a leisurely manner. ♦ Bicycle trips allow participants to travel slowly and experience the countryside in depth, making frequent stops and side trips. ♦ We continue to solicit your ideas and comments on the Outing program. Write to me in care of the Outing Department, Sierra Club, 730 Polk St., San Francisco, CA 94109. ♦ I hope you take the opportunity to go on one of our outings this year.



Peter Bengtson,  
Outing Committee Chairman

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COVER: VEE LAKE AND SEVEN GABLES PEAK, JOHN MUIR WILDERNESS, SIERRA  
BY DENNIS CERLETTI

## MORLEY FUND



Created in 1951 by the bequest of Mrs. F.H. Morley, the Morley Fund has money available to help defray the trip costs of teachers and other educators who could not otherwise afford to go on trips. If you think you might qualify, request an application from the

**Outing Department**  
Sierra Club  
730 Polk Street  
San Francisco,  
CA 94109.

## PHOTOS WANTED



The Outing Department thanks our photographers and requests that black-and-white prints, color slides, and color prints (along with negatives) for outing publications be sent to

**Steve Griffiths**  
Sierra Club  
730 Polk Street  
San Francisco, CA  
94109.



The deadline for the 1992 catalog is October 1, 1991.

## sierra club outings 1991

Conservation Victory

# CENTENNIAL OUTINGS

Conservation Challenge

*"An excursion...if properly conducted will do an infinite amount of good toward awakening the proper kind of interest in the forests and other natural features of our mountains, and will also tend to create a spirit of good fellowship among our members."*

— William Colby, Sierra Club Secretary, 1901.

In May of 1991, the Sierra Club begins its Centennial Celebration. The Sierra Club was founded May 28, 1892, by a small group of people who felt that individual citizens could be a powerful force in the battle to protect and preserve our natural heritage. Nearly 100 years later, more than 600,000 people are banded together in the same spirit. ♦ One of the things that makes the Sierra Club unique and effective in its work is outings. Since the first Club outing in 1901, volunteer leaders have been taking members to wilderness areas knowing that direct experience of the natural environment will motivate people to protect it. ♦ In our 1991 Outings Catalog, we are celebrating the Club's Centennial by highlighting trips on public lands that Sierra Club members have helped to save or are working to protect. These trips are designated as Conservation Victories and Conservation Challenges. The descriptions of these trips explain what the Club has done or hopes to accomplish in each area. ♦ The conservation focus of the Outing program is not limited to these trips. Every Sierra Club outing is run with the goal of raising Club members' awareness of and concern for conservation issues. It is this perspective that makes our Outing program special. Look for additional Centennial trips in the 1992 Outings Catalog, including four bicycle trips along the route of John Muir's 1,000-mile walk from Louisville, Kentucky, to Cedar Key, Florida; a historic outing in the style of the Club's early trips; a trip to the John Muir Trust in Scotland; and backpack trips along the John Muir Trail and in the Grand Canyon. ♦ We invite you to join us in celebrating 100 years of advocacy for the environment by taking an outing to "explore, enjoy, and protect the wild places of the Earth."

— John DeCock, Director of Outings

## INNER CITY OUTINGS

**I**nner City Outings (ICO) is the Sierra Club's community-outreach program. ICO volunteer leaders work in cooperation with community agencies and schools to provide wilderness opportunities for people who wouldn't otherwise have them — urban youths, senior citizens, and physically disabled persons. ◇ Inner City Outings offers these individuals a chance to meet the challenges of wilderness travel, learn about the natural environment, develop good wilderness manners — and have a lot of fun in the process. ◇ Participants also discover the value of cooperation (particularly when it comes to setting up a tent in the rain or guiding a raft through whitewater rapids!), and get to know people of diverse ethnic and cultural backgrounds.

In 1990 volunteer leaders provided more than 300 outings for almost 4,000 participants. Currently, there are 32 ICO groups located in the these cities:

Albuquerque, NM  
Atlanta, GA

Austin, TX  
Birmingham, AL  
Boston, MA  
Boulder, CO  
Cape Fear, NC  
Charlotte, NC  
Chicago, IL  
Cincinnati, OH  
Cleveland, OH

Dallas, TX  
Detroit, MI\*  
El Paso, TX  
Ft. Worth, TX  
Houston, TX\*  
Indianapolis, IN  
Laramie, WY  
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Sacramento, CA  
San Diego, CA  
San Francisco, CA  
San Jose, CA  
Seattle, WA  
Washington, DC

\*Established in 1990

Each ICO group is supported primarily by donations of money and equipment. Contributions to the program are tax-deductible. Checks should be made out to: Inner City Outings/The Sierra Club Foundation. If you would like your donation to be used exclusively by one of the groups listed above, please indicate this on your check. Donations and requests for information about becoming an ICO leader or forming an ICO group should be sent to:

Inner City Outings  
Sierra Club  
730 Polk Street  
San Francisco, CA 94109



CHARLES FORD

San Francisco Bay ICO youths enjoy an outing to the Golden Gate National Recreation Area.

## Conservation Challenge

**Philip Smith Mountains Backpack, Brooks Range, Arctic Wildlife Refuge — June 11-22.** Arriving with the Arctic spring and its profusion of flowers, birds, and other wildlife, we cross the Continental Divide through unfrequented canyonlands. There will be layover days for alpine exploration and nature observation. We are exploring a new route on this moderate to strenuous trip for experienced backpackers. ♦ *"The Arctic National Wildlife Refuge is our last chance to preserve intact an Arctic ecosystem unique in its natural wonder."* — *Sierra Club Chairman Michael McCloskey.* ♦ *Leader: Carol Hake. Price: \$990; Dep: \$100. [91100]*

**Glacier Bay Sea Kayak, Glacier Bay Park and Preserve — June 16-29.** Come paddle Alaskan fjords! We'll explore watery wilderness, watch nesting birds, and enjoy the long daylight hours of Alaska's summer. Our two-person kayaks allow us to travel to remote coves and slip through narrow channels to the sound of calving glaciers. Several days are planned for hiking and birdwatching trips. No previous kayaking is required. *Leader: Blaine LeCheminant. Price: \$1,695; Dep: \$200. [91101]*

**Valley of Ten Thousand Smokes, Katmai Park and Preserve — June 17-28.** The Valley of Ten Thousand Smokes was created in 1912 by one of the greatest volcanic eruptions in recorded history. We will backpack for ten days in this geological wonderland, surrounded by glaciers and still-active volcanoes. Distances will not be long, but Katmai weather has a reputation for being unforgiving. Two days will be spent observing wildlife near Brooks Camp. *Leader: Gary Aguiar. Price: \$1,125; Dep: \$200. [91102]*

## sierra club outings 1991

# A L A S K A

**A**laska wilderness defies comprehension. The permafrost of the Arctic Slope, the grandeur of the Brooks Range, the sheltered waters of the glacial fjords, and the immense Yukon and thousands of other rivers and streams are all part of this magnificent land that culminates at Mt. McKinley, the highest point on the North American continent. ♦ While words and pictures can serve as reminders, they do not begin to describe a wilderness experience that is both humbling and uplifting. ♦ Alaska trips differ widely in physical challenge and skills required, and offer a range of opportunities for studying a fascinating diversity of wildlife and flora. They also provide active conservationists with an opportunity to learn firsthand about areas that still need wilderness protection. ♦ All Alaska trips require leader approval. Trip prices do not include travel to Alaska or charter air costs.

**Glacier Bay Work Project, Glacier Bay Park and Preserve — June 20-30.** From our camp near Bartlett Cove we may see whales, seals, black bears, and a variety of waterfowl. We will brush existing trail and clean up litter from several of the Beardslee islands. Free days offer wildlife observation, adventurous kayaking, and up-bay travel to see great tide-water glaciers calving into the sea. *Leader: Bob Wolf; Cook: Jack Brautigam. Price: \$395; Dep: \$50. [91103]*

## Conservation Challenge

**Midnight Sun Backpack, Arctic Wildlife Refuge — June 21-July 1.** Spend the summer solstice under the 24-hour Arctic sun in the midst of some of the most spectacular tundra and mountain wilderness in North America. Early summer is the best time to visit, with flowers in bloom and wildlife abundant. Our moderately strenuous route for experienced backpackers traverses glacier-carved mountains to

the North Slope, calving grounds of the Porcupine caribou herd. ♦ *The oil companies have money and momentum, but we are recruiting a force of extraordinary, talented volunteers to save this refuge.* — *former Sierra Club Washington lobbyist Tim Mahoney.* ♦ *Leader: Wilbur Mills. Price: \$975; Dep: \$100. [91104]*

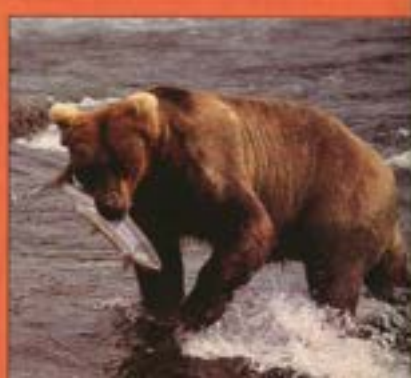
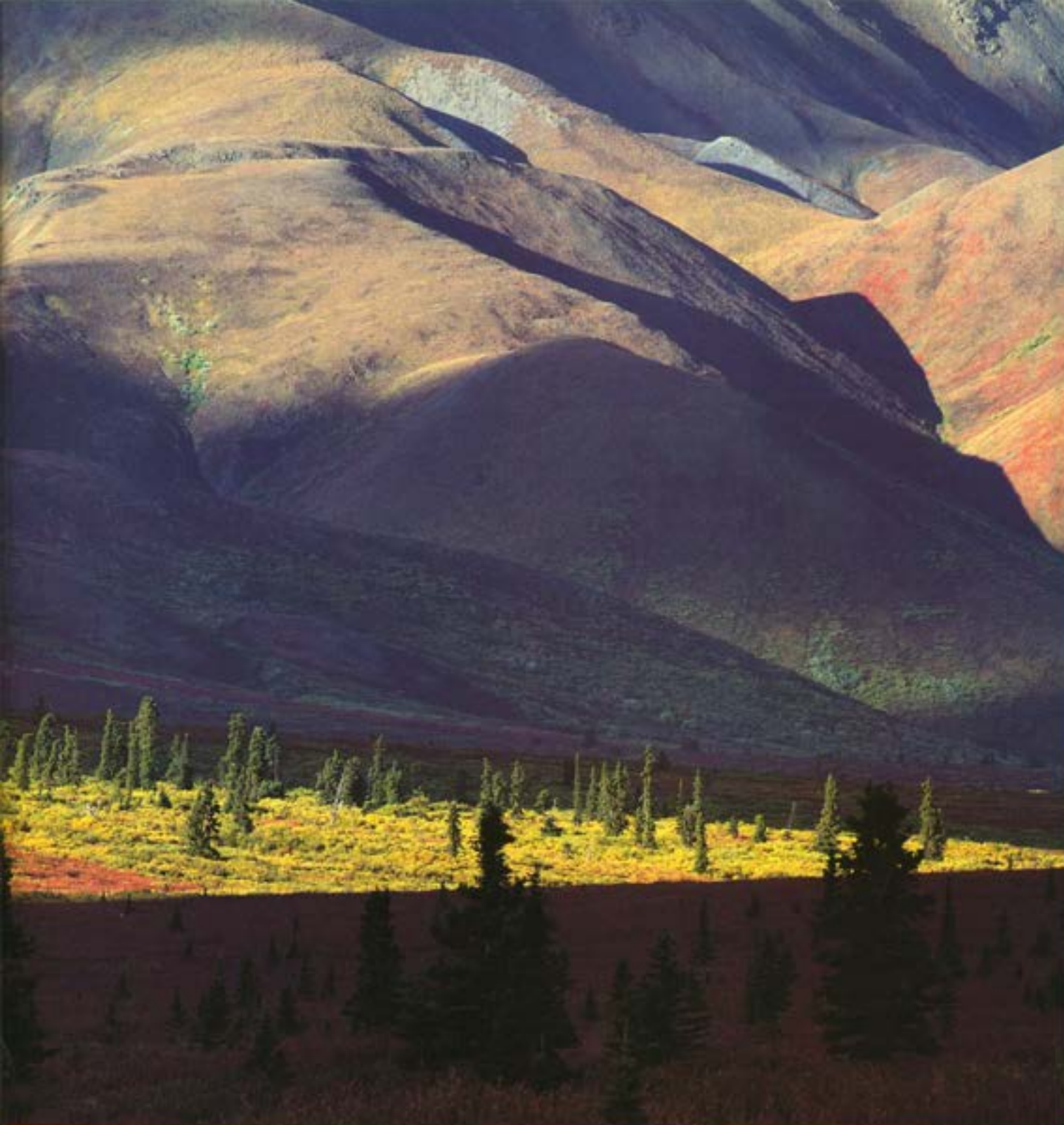
## Conservation Challenge

**Tatshenshini by Raft, Glacier Bay Park and Preserve, Alaska and British Columbia, Yukon Territory, Canada — June 24-July 3.** Rafting the Tatshenshini and Alsek rivers is one of the world's great wilderness adventures. We'll meet in Haines, Alaska, for this 125-mile "scenic to the max" journey through the St. Elias Mountains to the coast. Beginning in lush forests at Dalton Post, the river carries us by towering snow-clad peaks, waterfalls, and deep valleys; wildlife sightings are frequent. Finally we float among freshly calved icebergs from the seven-mile face of Alsek Glacier. ♦ *In April 1990 the Sierra Club of Western Canada approved a resolution opposing an open-pit copper mine at Windy Craggy. The Club's goal is to keep the "Tat" wilderness pristine by having it designated as a 2.7-million-acre park.* ♦ *Leader: Carol Dienger. Price: \$1,805; Dep: \$200. [91105]*

**Barrenlands Base Camp and Snowdrift River Leisure Canoe, Northwest Territories, Canada — July**

*Clockwise from top: Alaska Range (reprinted from Alakshak by Art Wolfe; to order, use form on page 114); Alaska brown bear; Glacier Bay National Park and Preserve; trip members in the Arctic National Wildlife Refuge*





# ALASKA

**6-20.** Enjoy the limitless expanse of the Far North and see the Arctic summer come to life as we hear wolves serenade us and observe caribou and musk oxen. The first week will be at a base camp, exploring the glacial esker system. Then we'll start our canoeing at the headwaters of the Thelon River before crossing the Continental Divide to canoe the Snowdrift River, a route used by early trappers. *Leader: Sigrid Miles. Price: \$1,995; Dep: \$200. [91106]*

**"In the Footsteps of John Muir": Southeast Alaska Leisure Trip — July 13-26.** In the 1890s, steamers carried John Muir to the Stikine River, Ketchikan, Wrangell, and Sitka on his explorations of Alaska's lush southeastern rainforests, glaciated mountains, and precipitous fjords. Retracing Muir's travels via ferries, float planes, canoes, kayaks, and our feet, we will emulate his spirit of discovery to help kick off the Sierra Club's Centennial. *Leader: Vicky Hoover. Price: \$2,025; Dep: \$200. [91107]*

**Fishing the Alagnak by Raft — July 16-27.** Let's fish Alaska! Let the reels sing! Salmon of the famed Alagnak River await us, as do mighty rainbow trout, char, pike, and grayling. We'll begin our trip in Anchorage, where float planes will fly us to Nonvianuk Lake, Brooks Camp, and Iliamna Lake. Later a bus will take us to the extraordinary Valley of Ten Thousand Smokes. Flights in Alaska are included in the trip price. *Leader: Chuck Schultz. Price: \$2,130; Dep: \$200. [91108]*

**TRIP PRICES DO NOT INCLUDE TRAVEL TO ALASKA OR CHARTER AIR COSTS.**

## Conservation Victory

**Misty Fjords Sea Kayak, Misty Fjords Monument — July 17-26.** Covering more than 2 million acres of lush, southeastern coastal rainforest and waterways, Misty Fjords National Monument is a sea kayaker's paradise. With a local naturalist as our guide, we'll see abundant wildlife as we paddle through glacier-carved fjords. We hope to visit a hidden hot springs. Beginning paddlers are welcome, but you must be comfortable in a small boat. **♦ Action taken by the Sierra Club Legal Defense Fund has blocked for more than a decade plans by U.S. Borax to develop an open-pit molybdenum mine in the heart of Misty Fjords National Monument. ♦ Leaders: Martha Schultz and Ian Walton. Price: \$1,395; Dep: \$200. [91109]**

## Conservation Challenge

**Gates of the Arctic Park and Preserve Backpack and Raft — July 21-August 3.** Follow the routes of the early explorer Bob Marshall in Gates of the Arctic Park and Preserve. From Anaktuvuk Pass we will backpack cross-country for a week through the extraordinary Valley of Precipices. Then, in the shadow of Mt. Doonerak, we'll start our scenic 100-mile raft-trip down the Koyukuk River to Bettles, stopping along the way for more hiking. Backpacking experience is required. **♦ In establishing this 7-million-acre park, Congress left 900,000 acres as preserves open to sport hunting. The Sierra Club will be urging Congress to rectify this unfortunate compromise. ♦ Leader: Ken Dawdy. Price: \$1,550; Dep: \$200. [91110]**

**Brooks Range, Gates of the Arctic Park and Preserve**

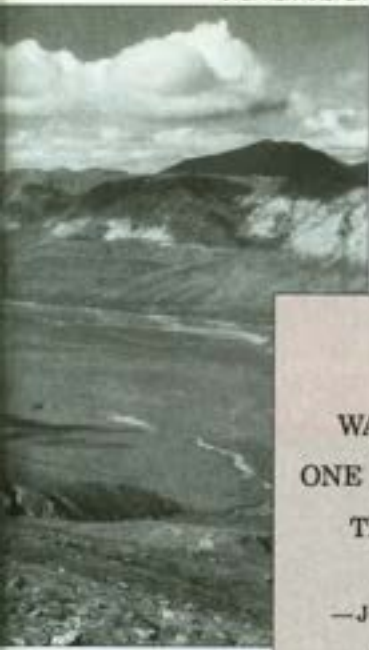


STEPHEN KASPER

**— July 29-August 8.** Come explore the high tundra country at the headwaters of the North Fork of the Koyukuk River, the spectacular section of the Brooks Range that enchanted Bob Marshall in his early explorations. Our moderately strenuous route of about 40 miles is planned to provide time for relaxation and enjoying the abundant and varied life of the Arctic. This trip is for experienced backpackers. *Leaders: Joan and Bill Busby. Price: \$1,295; Dep: \$200. [91111]*

## Conservation Challenge

**Arctic Wildlife Refuge: End of Summer Backpack — July 29-August 9.** Experience the magic of the Arctic National Wildlife Refuge as summer fades into autumn. A moderately strenuous route will take us along rivers, through mountains, and onto the coastal plain as we watch for wildlife and gather berries. A relaxed pace will ensure that we absorb all we can of this timeless yet threatened area. See



construct a kit cabin. This trip is exceptional, with only one free day to rest or fish. You'll need some carpentry skills, and we'll be using both hand and power tools. Expect rain, hard work, great food, and fun. Wildlife will be abundant. ♦ *A lawsuit brought by the Sierra Club in 1970 blocked*

“ IN EVERY  
WALK WITH NATURE  
ONE RECEIVES FAR MORE  
THAN HE SEEKS. ”

—John Muir, *John of the Mountains*, 1938



Clockwise from top: Gates of the Arctic Park; mush-oxen; Alaska Range

it for yourself. Backpacking experience required. ♦ *The Sierra Club is urging Congress to designate the coastal plain of the refuge as wilderness. An industry campaign to open the plain to oil and gas leasing is expected to intensify in 1991.* ♦ *Leader: Ed Debevec. Price: \$390; Dep: \$100.* [91112]

#### Conservation Victory

**Florence Lake Cabin-Building Project, Admiralty Island Monument, Tongass Forest** — July 30–August 8. Travel by float plane to a remote island in southeast Alaska, where we'll

*an attempt by the Forest Service to sell for clearcutting all the mercantile timber on Admiralty Island.* ♦ *Leader: Regina Bock. Price: \$395; Dep: \$50.* [91113]

**Lake Clark Park and Preserve Natural History** — August 1–10. Glaciers and mountains, lakes and tundra, forest and wildlife: This trip to Lake Clark National Park and Preserve is an excellent introduction to Alaska. Our hiking — on-trail and cross-country — will be moderately difficult and backpacking experience is required. Emphasis will be on natural history — geology, botany, wildlife, and astron-

omy, with time to fish, relax, and enjoy the scenery. Two nights at a lodge are not included in the trip price. *Leader: Alan Stahler. Price: \$950; Dep: \$100.* [91114]

**East of Denali, Alaska Range** — August 2–15. We'll cross from the upper reaches of Yanert Glacier, near Mt. Deborah (12,399 feet) to the northern slopes of the Alaska Range to explore this little-known region. The steep, rugged terrain is home to Dall sheep, caribou, and other mountain-tundra wildlife. Our pace will allow time to enjoy this complex land. Backpacking experience is required. *Leader: Harry Reeves. Price: \$1,250; Dep: \$200.* [91115]

#### Conservation Victory

**Florence Lake Cabin-Building Project, Admiralty Island Monument, Tongass Forest** — August 13–22. See description for trip #91113 above. ♦ *In 1973 Sierra Club members in Alaska proposed that the Forest Service manage Admiralty Island as a national forest wilderness area, a suggestion that became reality in 1978.* ♦ *Leader: Tom Williams. Price: \$395; Dep: \$50.* [91117]

**Central Alaska Van Tour** — August 19–September 6. With its numerous mountain ranges, good roads, and campsites, central Alaska is ideal for car camping. From Anchorage we will travel in vans to Denali National Park and Preserve, the old mining town of McCarthy, and Valdez before taking a ferry to the Kenai Peninsula. We'll explore the shores of Kachemak Bay and then return to Anchorage. Our dayhikes will be relatively easy: No special conditioning is required. *Leader: John Ricker. Price: \$1,750; Dep: \$200.* [91118]

#### Conservation Victory

**Denali Park and Preserve Cabin Rehabilitation** — August 21–31. Denali, the country's largest national park and preserve, was established as a wildlife refuge for animals ranging from ptarmigan and moose to grizzly bear. We'll be repairing a backcountry patrol cabin on the East Fork of the Toklat River, with time to view Mt. McKinley (20,320 feet). This will be a strenuous trip. ♦ *Denali, like many other areas in Alaska, has suffered from the effects of placer mining. A series of lawsuits by the Sierra Club Legal Defense Fund has led to the cleaning up of Denali's streams and rivers.* ♦ *Leader: Debbie Northcutt; Cook: Jan Moraczewski. Price: \$395; Dep: \$50.* [91119]

**Ride the Alaska Range** — August 4–17. Discover the most majestic mountains in North America by mountain bike! Skirting the Alaska Range, we'll cross unpaved Denali Highway before heading through Wrangell-St. Elias National Park and Preserve. There, we'll trace the Copper River, marvel at 16,000-foot peaks, scramble over glaciers, and take adventurous backcountry day rides for a variety of breathtaking views and riding experiences. This trip is for experienced mountain bikers. A sag wagon will support our explorations. *Leader: Libby Dresel. Price: \$1,525; Dep: \$200.* [91116]



**Desert Winter, Big Bend Park, Texas—January 27–February 8.** If your idea of winter backpacking doesn't include snowshoes, cross-country skis, or frostbite, then this trip is for you. Big Bend National Park contains a variety of ecosystems and landforms. Our route will begin high in the Chisos Mountains and wind through volcanic monoliths down to the rugged canyon of the Rio Grande. Food caches will lighten the load on our cross-country trip. (Rated S) *Leaders: John Lemon Sellers and Sid Hirsh. Price: \$630; Dep: \$100.* [91367]

**Florida Trail Odyssey: Ocala Forest—February 17–23.** Warm days and cool nights make this winter outing a perfect cure for cabin fever. Expect variety on this 65-mile trail: We'll pass by ponds, cross cypress and gum swamps on boardwalks, traverse longleaf-pine forests and clusters of dwarf liveoaks, and see wildlife, from songbirds to black bears. (Rated L-M) *Leader: Mark Lidd. Price: \$315; Dep: \$50.* [91031]

**Condor Country, Los Padres Forest, California—March 18–23.** Will the condor ever again soar over its native habitat? This ocean-end of Southern California's transverse ranges is rich in history and natural springtime beauty. Our six days of backpacking include a visit to Indian petroglyphs and opportunities for swimming, relaxing, and nature-noting. This trip is suitable for both enthusiastic beginners and laid-back veter-

*Clockwise from top: moonset over Mt. Ritter and Banner Peak, Sierra (reprinted from The Yosemite by Galen Rowell; to order, use form on page 114); Indian paintbrush; northern saw-whet owl; Lee Metcalf National Wildlife Refuge, Montana*

## sierra club outings 1991

# BACKPACK

**E**xperience the wilderness on a rewarding and adventurous backpacking trip. Having everything you need for the trip in a pack adds an extra dimension of freedom and satisfaction to your outing. ♦ Our trips are really small expeditions. Each is individually planned by the leader, who seeks challenging routes and attempts to set up camps in untrampled, out-of-the-way places whenever possible. All backpack trips are run with a central commissary; trip members share cooking and clean up chores. All are expected to carry a fair share of food and commissary gear in addition to personal belongings. ♦ Trips vary in length and difficulty. We have divided the trips into five categories. Light (L) trips cover up to 35 miles in four to five travel days, the remaining days being layovers. Moderate (M) trips may cover longer distances of up to 55 miles and involve more cross-country route finding. Strenuous (S) trips cover as much as 60 to 70 miles with greater ups and downs and continuous high-elevation travel. Light-Moderate (L-M) and Moderate-Strenuous (M-S) are intermediate ratings. Individual trip brochures explain each trip's rating in more detail. ♦ Leaders are required to approve each applicant before final acceptance, and will ask you to write responses to their questions. These responses help the leader judge your backpacking experience and physical condition.

ans. (Rated M). *Leader: Louise "Letty" French. Price: \$210; Dep: \$50.* [91032]

### Conservation Challenge

**Escalante Canyon, Glen Canyon Recreation Area, Utah—April 6–13.** Join our group as we explore remote areas of the Escalante Canyon. Though we will hike for two days along the Escalante River, most of our time will be spent in Stevens Canyon, along the rimrock on the Waterpocket Fold, and in Moody Creek and Fools Canyon. ♦ *The Sierra Club has urged Congress to pass legislation mandating that Glen Canyon Dam be operated to protect downstream environmental, recreational, and cultural values.* ♦ (Rated S) *Leader: Steve Allen. Price: \$365; Dep: \$50.* [91033]

**Galiuro Mountains, Galiuro Wilderness, Arizona—April 14–20.** On the edge of the Sonoran Desert, the mysterious and seldom-visited Galiuro Wilderness is a primeval mix of mountains and canyons. Our route will take us over agave- and cactus-studded ridges to lushly forested canyons with running streams and pools. Some of our hiking will be cross-country, and elevations will vary between 4,500 and 7,700 feet. One layover day is planned. (Rated M-S) *Leader: Barry Morenz. Price: \$270; Dep: \$50.* [91034]

**"Mystery" Canyons, Utah—April 14–20.** Come and explore some of southeastern Utah's beautiful and fascinating canyons. We will see relics of the ancient Anasazi, marvel at fantastic rock formations and sandstone cliffs, and delight in cool, refreshing pools. Spring will be evidenced by colorful wildflowers and cactus blossoms. Anticipate brilliant days and nights brimming with stars. This trip is for the adventurous backpacker with prior experience.

# BACKPACK

(Rated M-S) Leader: Norm Elliott. Price: \$335; Dep: \$50. [91035]

**Carmel River, Ventana Wilderness, California** — April 19-26. On our spring sojourn we'll explore the ridges and rivers of the Big Sur Coast country. Camps will either be on high ridges with expansive views or in two river valleys, where wildflowers bloom in abundance. Veteran backpackers and in-shape beginners are welcome. (Rated M) Leader: Bob Berges. Price: \$230; Dep: \$50. [91036]

## Conservation Victory

**Grand Canyon in the Spring, Arizona** — April 20-28. Experience the grandeur of the Grand Canyon from the Tonto Plateau and the power of the Colorado River from the beaches of Granite, Crystal, Boucher, and Hermit rapids. We'll enjoy fine vistas, wildflowers, and canyon streams — and have two layover days for relaxing or further exploration. ♦ *In an 1898 essay for the Atlantic Monthly, John Muir suggested making the Grand Canyon a national park.* ♦ (Rated S) Leader: Judith Harper Slepian. Price: \$295; Dep: \$50. [91037]

**South Rim, Grand Canyon Park, Arizona** — April 20-28. If you're an experienced canyon backpacker, you'll enjoy our route down the old — and very steep — Salt Trail. Then we'll wind our way through thickets of willow and tamarisk along the Little Colorado River, hike the

Beamer Trail overlooking the Colorado River to Tanner Canyon, follow the Escalante Route to Red Canyon, and ascend the New Hance Trail to the South Rim. (Rated S) Leader: Bert Fingerhut. Price: \$375; Dep: \$50. [91038]

## Conservation Victory

**Thunder River and Deer Creek, Grand Canyon Park, Arizona** — April 21-27. Since you couldn't see all of the Grand Canyon in a lifetime, the best place to start is with the scenic North Rim. After descending into the canyon at Indian Hollow, we cross the Esplanade to Deer Creek Falls, where we'll have our first layover day. We'll explore Surprise Valley on our way to the explosive headwaters of Thunder River. Experienced hikers only. ♦ *During the early 1900s, the Sierra Club advocated the idea of a Grand Canyon National Park, which was finally created in 1919.* ♦ (Rated S) Leader: Bob Cole. Price: \$330; Dep: \$50. [91039]

## Conservation Victory

**Druid Arch, Canyonlands Park, Utah** — April 28-May 4. Easy backpacking interspersed with three layover days give us plenty of time to explore the exotic Needles District. We'll enjoy Chesler Park (a desert meadow surrounded by colorful rock spires), climb Druid Arch, and visit pristine Virginia Park. In Upper Salt Creek, we'll find a canyon jam-packed with Anasazi ruins, and we'll search for well-known pictographs, including All-American Man. ♦ *Two sites on the border of Canyonlands National Park were proposed for a nuclear waste dump — until the Sierra Club Legal Defense Fund protested to officials in Washington.* ♦ (Rated L-



M) Leader: Ted Doll. Price: \$390; Dep: \$50. [91040]

## Conservation Victory

**Grand Canyon Sampler: Sowats Spring, Thunder River, and Indian Hollow, Arizona** — May 4-11. This trip is a great introduction to the Grand Canyon — from remote Sowats Spring to the roaring Thunder River. We'll hike into the narrows of Jumpup Canyon, and enjoy quiet, hidden waterfalls on our way to splendid 120-foot Deer Creek Falls. Panoramic views will be ours as we climb from the Esplanade to Indian Hollow. For experienced hikers only. ♦ *On June 9, 1966, the first of David Brower's now-famous series of advertisements urging the Grand Canyon not be flooded by a dam appeared in the New York Times and Washington Post.* ♦ (Rated S) Leader: Gene Glenn. Price: \$270; Dep: \$50. [91041]

**White Canyon Exploration, Southeastern Utah** — May 4-14. Starting at Natural Bridges and ending near the Colorado River, we'll explore the wild yet accessible White Canyon and Gravel, Cheesebox, and Hideout side canyons. Similar to the Maze, this country invites intimate exploration. Find out why only a portion has been included in the BLM wilderness inventory. Weather permitting, we will

swim the "Black Hole." Food and water caches will help lighten our load. (Rated M) Leader: Jeffrey Jackson. Price: \$545; Dep: \$100. [91042]

**Navajo Mountain and Rainbow Bridge, Arizona** — May 5-11. As the spring wildflowers bloom, we will delight in the multihued canyons, towering domes, arches, slickrock, and sparkling creeks and pools around the base of Navajo Mountain, the 10,388-foot hump on the Navajo Reservation in northern Arizona. There will be ample time for photography, swimming, and a hike to Rainbow Bridge, the largest natural arch in America. (Rated M) Leader: Nancy Wahl. Price: \$270; Dep: \$50. [91043]

**Flora, Fauna, and Rock Faces of Big South Fork River and Recreation Area, Kentucky and Tennessee** — May 11-18. Stand in awe beneath the Twin Arches and camp amidst mountain laurel, deer, wild turkeys, and pileated woodpeckers. Our route includes sections of the John Muir Trail, follows the Big South Fork River, visits historic landmarks, and cools us beneath delightful waterfalls. Nine-mile travel days will be mixed with shorter days for exploring the fascinating and colorful rock faces. (Rated M) Leaders: Peg and Lyle Back. Price: \$345; Dep: \$50. [91122]

**GIVE THE GIFT OF WILDERNESS, WITH A SIERRA CLUB OUTING GIFT CERTIFICATE. SEE PAGE 75 FOR DETAILS.**



joy a 50-mile, one-way backpack. (Rated M-S) Leader: David Morrison. Price: \$370; Dep: \$50. [91045]

**Cranberry Wilderness, West Virginia — May 12-18.** The Cranberry Wilderness and adjacent backcountry constitute the largest wilderness area in the East. Here broad meadows surround the deep, narrow valleys of the Williams and Cranberry rivers. Alternate moving and lay-over days give us time for ex-

masevich. Price: \$285; Dep: \$50. [91123]

**Arch Canyon, Utah — May 19-25.** Years of wind and rain have formed magnificent arches in sandstone country dotted with pines and firs. Arch Canyon contains ancient Anasazi cliff dwellings located in alcoves high on the canyon walls. We'll explore these sites and many intriguing side canyons in this unique region. (Rated L-M) Leader: Belva Christensen. Price: \$245; Dep: \$50. [91047]

### Conservation Challenge

**Parunuweap Canyon, Zion Park, Utah — May 20-27.** The East Fork of the Virgin River flows through Parunuweap Canyon, which has numerous side canyons for us to explore. On our last two days we'll hike cross-country high among ponderosa pines and Navajo sandstone. ♦ *Zion is threatened by proposed dams on the east and north forks of the Virgin River, just outside the park's boundaries.* ♦ (Rated M-S) Leader: Bert Fingerhut. Price: \$455; Dep: \$50. [91048]

**Skyline to the Sea Trail, Big Basin Redwoods Park, California — May 21-28.** Big Basin was created aeons ago by uplift and erosion. The terrain is complemented by a variety of mixed evergreens that separate the coast redwoods from the chaparral community. Springtime offers waterfalls, extensive wildflower gems, and a variety of riparian vegetation. Plans include a mid-trip food cache to lighten loads and a layover day near park headquarters. (Rated L) Leader: Wes Reynolds. Price: \$340; Dep: \$50. [91049]

**Death Hollow Wilderness, Escalante, Utah — May 25-June 1.** On this ambitious one-way trek, we'll visit some of the wildest canyon country in southwestern Utah. Starting on the 9,000-foot Aquarius

“ ONE CAN MAKE A DAY OF ANY SIZE, AND REGULATE THE RISING AND SETTING OF HIS OWN SUN AND THE BRIGHTNESS OF ITS SHINING. ”

—John Muir, *John of the Mountains*, 1938

*Top: Mt. Olympus, Washington; leaders Patrick and Frances Colgan*

ploring, picture-taking, and relaxing. We'll cover a total of about 30 miles. (Rated L-M) Leader: Fred Gooding. Price: \$280; Dep: \$50. [91046]

**Paria Canyon, Vermilion Cliffs Wilderness, Arizona and Utah — May 19-24.** Paria Canyon and its tributary, Buckskin Gulch, are two beautiful canyons in the geological wonderland of the Colorado Plateau. Canyon walls rise 1,000 feet or more in places, and narrow to as little as two feet. We'll hike downriver through six colorful geologic formations. Indian petroglyphs, natural arches, amphitheaters, and side canyons await the adventurous hiker. (Rated M) Leader: Lasta To-

**Forests and Desert Canyons: Gila Wilderness, New Mexico — May 11-18.** As wildflowers open and cacti bloom, we "river-walk" in canyons along the Middle Fork of the Gila River. Following ancient Indian routes, we'll ascend to parklike forests, explore cliff dwellings and natural hot springs, and watch for abundant wildlife from coyotes to wild turkeys. A car key exchange with participants on trip #91045 permits us to enjoy a 50-mile, one-way backpack. (Rated M) Leader: Irene Penfield. Price: \$370; Dep: \$50. [91044]

**Mogollon Rim, Gila Wilderness, New Mexico — May 11-18.** Recommended for Mexican wolf and grizzly bear reintroduction, the Gila was America's first designated wilderness. We will travel to a variety of habitats, from desert to subalpine forests, climb Mogollon Baldy (where we'll have a view that extends all the way to Mexico), explore ancient Indian cliff dwellings, and swim in refreshing, pot-holed creeks. A service day is planned to survey the endangered Gila trout. A car key exchange with participants on trip #91044 permits us to en-



# BACKPACK

Plateau, we'll scramble and swim through a spectacular but lightly traveled slot canyon. We'll have time to search for an old stagecoach route and learn about the region's geology and botany as we descend into the main drainage of the Escalante River. (Rated S) *Leader: Sue Kozacek. Price: \$425; Dep: \$50. [91050]*

**Lower Dark Canyon, Utah — June 15-22.** The most beautiful portion of Utah's remote and unspoiled Dark Canyon lies along its lower reaches. Here, a clear, spring-fed stream cascades over limestone benches, forming hundreds of small waterfalls and deep plunge pools. Short travel days and several layovers will allow time to enjoy photography, swimming, dayhiking and exploring side canyons. (Rated L-M) *Leaders: Dianne and Dan Leeth. Price: \$365; Dep: \$50. [91124]*

**Leadership Training, Zion Park, Utah — June 16-22.** The sculptured sandstone beauty of the Southwest's Zion National Park sets the stage for this outing designed to train leadership candidates for the National Outing program. Experienced staff will combine outdoor instruction with on-trail training. Committed applicants are encouraged to participate; see trip brochure for qualification criteria. (Rated M) *Leaders: Don McIver and Bonnie Sharpe. Price: \$145; Dep: \$50. [91125]*

## Conservation Victory

**Tilden Lake, Yosemite Park, Sierra — June 16-25.**

**FOR MORE INFORMATION ABOUT A TRIP, SEND FOR THE TRIP BROCHURE. USE THE COUPON ON PAGE 119.**

On this early-season trip we will visit the little-used northwest section of Yosemite at a time when the falls are at their best and the wildflowers are coming into their own. Two layover days give us a chance to climb a peak, explore unusual niches, or just relax. This trip is suitable for the veteran backpacker or well-conditioned beginner. ♦ *In 1889 Robert Underwood Johnson visited John Muir in Yosemite. The two friends planned a campaign to turn the small, national preserve created by President Lincoln in 1864 into a larger national park. ♦ (Rated M) Leader: Bob Berges. Price: \$290; Dep: \$50. [91126]*

## Conservation Victory

**Canyon to Canyon: Monarch Divide, Kings Canyon Park, Sierra — June 20-29.** Start your summer on the right boot by hitting the trails from Kings Canyon on the South Fork of the Kings River over the Monarch Divide and down into the deep, beautiful canyon of the Middle Fork. We'll layover in Kennedy Canyon to stalk the early wildflowers and wily trout, with a second layover in Simpson Meadow to see the Enchanted Gorge or Blue Canyon Falls and Tehipite Valley. ♦ *In the 1920s Stephen T. Mather and William Colby led influential businessmen to Kings Canyon to win their support for preserving the canyon and the High Sierra east of Sequoia National Park. ♦ (Rated M) Leader: Diane Cook. Price: \$320; Dep: \$50. [91127]*

The Subway and Orderville, Two Canyons in Zion Park, Utah — June 23-29. Two incredible slot canyons in the pine and sandstone country of Zion National Park will

be explored at a leisurely pace, to allow time for picture-taking, swimming, and negotiating some challenging obstacles. The Subway is beyond description; Orderville leads to the famous Narrows, where we'll make a side trip to the Grotto without our packs. Midtrip restocking will mean light loads. (Rated M-S) *Leader: Don McIver. Price: \$365; Dep: \$50. [91128]*

**Mono and Silver Divides, Sierra Forest, Sierra — June 23-30.** This 46-mile cross-country loop takes us among the highest peaks and into the heart of some of the most truly wild scenery in the Sierra. We'll encounter enchanting early season phenomena such as swollen streams rushing with meltwater and wildflowers in full bloom. Two layover days will provide opportunities for peak-bagging, photography, and dayhikes. (Rated M-S) *Leader: Peter H. Frorer. Price: \$320; Dep: \$50. [91129]*

**The Best of West Virginia, Monongahela Forest — June 30-July 6.** Some of the finest hiking and scenery in the state lies within 50 miles of Seneca Rocks. We will establish two or three different campsites and dayhike (seven to 12 miles, elevation changes up to 2,500 feet) on several trails. Areas to be visited include Dolly Sods, Spruce Knob, Laurel Fork, and Seneca Rocks. Early July is always scenic and usually comfortably cool. There will be time for picture-taking, swimming and general relaxation. (Rated M) *Leader: Bob Goldberg. Price: \$300; Dep: \$50. [91131]*

**West Elk Wilderness Loop, Colorado — June 30-July 7.** If you like cliffs, timberline scenery, and meadows filled with wildflowers, this trip is for you! Our 45-mile loop passes places like The Castles, Storm Pass, and similar spots, so definitely bring a camera. Bring a good set of lungs, too

— we'll gain a total of 10,000 feet climbing from one scenic viewpoint to the next. We'll even hike right over 12,850-foot North Baldy Mountain. Backpacking experience required. (Rated M) *Leader: Steve Kelton. Price: \$335; Dep: \$50. [91132]*

**San Juan Mountains Cross-Country Route, Colorado — July 1-8.** Get off the trail! Come with us on a cross-country route across the interlocking spines of Needle and Grenadier mountains. We'll leave the established trails on our first day and not rejoin them until our last, spending our time above treeline among immense, austere granite and schist peaks at the height of the wildflower season. (Rated M) *Leader: Dan Galatzer. Price: \$430; Dep: \$50. [91133]*

## Conservation Victory

**West Coast Trail, North to South, Pacific Rim Park, Vancouver Island, British Columbia — July 1-9.** Magnificent coastal wilderness awaits us as we use cable cars, suspension bridges, ferries, ladders, and logs to travel beaches, forests, and rivers along Vancouver Island's beautiful Pacific coast. Our trip will include a cruise on Alberni Inlet. A naturalist will join us for half the journey. Enjoy an extended Northwest adventure by continuing on to the Olympic Peninsula with trip #91143 or #91144. ♦ *The Sierra Club of British Columbia has been an effective advocate in the preservation of the region's wilderness areas. ♦ (Rated M) Leader: Bob Anderson. Price: \$515; Dep: \$100. [91134]*

## Conservation Victory

**West Coast Trail, South to North, Pacific Rim Park, Vancouver Island, British Columbia — July 1-9.** Vancouver Island's West Coast Trail is in one of the most





beautiful stretches of wilderness anywhere. We will use bridges, ferries, logs, and ladders to traverse 45 miles of shoreline and dense forests. A naturalist will join us for half our trek to help interpret this unique landscape. Consider combining this outing with trip #91143 or #91144 to the Olympic Peninsula. ♦ *In 1970 the Sierra Club of British Columbia began a campaign to make the public aware of the need to protect Nitinat Lakes and the West Coast Trail.* ♦ (Rated M) Leader: Jim Kirkpatrick. Price: \$515; Dep: \$100. [91135]

### Conservation Victory

**Matterhorn Canyon, Yosemite Park, Sierra — July 1-10.** The northern portion of Yosemite National Park offers a wealth of scenic backcountry untouched by last year's forest fires. Our loop will begin in Toiyabe National Forest and cross into Yosemite at the top of Matterhorn Canyon. We'll go as far as Benson Lake, known for its beautiful setting and sandy beach. Our ten-day itinerary gives us plenty of time to savor some surprising vistas of Yosemite high country. ♦ *On October 1, 1890, Yosemite National Park was established as a result of Muir's and Johnson's efforts. Muir's activism on Yosemite's behalf set a standard for the Sierra Club.* ♦ (Rated L-M) Leaders: Marilyn and Dan Smith. Price: \$320; Dep: \$50. [91136]

**Pacific Crest Trail: Castle Crags Park North Through the Trinity Alps — July 1-10.** This section of the Pacific Crest Trail takes us through terrain with many lakes and mountain peaks and lots of breathtaking scenery. This

*Clockwise from top: below Matterhorn Peak, Hoover Wilderness, Sierra; Antelope Canyon, Arizona; young mule deer; copper blue butterfly*



# BACKPACK

once heavily glaciated region reminds many of the southern Sierra. We will hike 77 miles from Castle Crags State Park through the Klamath Mountains and the Pacific Crest Trail portion of the Trinity Alps. One layover day at an inviting lake is planned. (Rated M) Leader: Tina Welton. Price: \$360; Dep: \$50. [91137]

**West Canada Lakes Wilderness, Adirondack Park, New York — July 7-12.** It's a good hike into the Adirondack's highest region of lakes (2,300-2,500 feet), but the remoteness is worth it. This more than 100,000-acre wilderness is still little used. Wetlands, streams, and maturing forests assure a variety of wildlife and plants. We'll enjoy at least six lakes, and fish, swim, and explore the haunts of legendary French Louie and Johnny Leaf. Most of our climbs and descents are gradual, and we'll have one layover day to relax or take an optional side trip. (Rated M) Leader: Sally Daly. Price: \$265; Dep: \$50. [91139]

## Conservation Victory

**Maroon Bells-Snowmass Wilderness, Colorado — July 7-13.** Experience Colorado's high country on this loop trip near Aspen. Terrain will vary from aspen and pine forests to alpine meadows. We may even leave footprints in the snow when we cross 12,000-foot passes. A layover day allows an optional climb of 14,000-foot Snowmass Peak. Be prepared for countless photo opportunities and lasting memories. ♦ In 1987, the Sierra Club Legal Defense Fund persuaded the

U.S. Forest Service to require stringent conditions for mineral-access permits in the Maroon Bells-Snowmass Wilderness. ♦ (Rated M-S) Leader: Jim Urban. Price: \$280; Dep: \$50. [91140]

**Pine Creek Loop Lake Hunt, John Muir Wilderness, Sierra — July 9-18.** Let's see how many alpine lakes we can find on this 50-mile backpack. A mule packer will carry our gear the first five miles up an old mining road. Then, we'll descend through flower-filled French Canyon and follow a cascading stream. Two half days and one layover are planned for exploring, relaxing in a hot spring, or fishing. We'll complete our loop by hiking cross-country to Italy Pass and Honeymoon Lake via Granite Park. (Rated M) Leader: Carol Murdock. Price: \$380; Dep: \$50. [91141]

"FRESH BEAUTY  
OPENS ONE'S EYES  
WHENEVER IT IS  
REALLY SEEN."

—John Muir,  
*The Mountains  
of California*, 1894

## Conservation Victory

**Lost River Basin, North to South, Olympic Park, Washington — July 12-19.** Would you like to experience mountain vistas, deer grazing in meadows of wildflowers, and forests where mosses cover everything, including trees and rocks (and backpackers, if they rest too long)? If so, come and explore the eastern Olympics. A naturalist will join us for the last half of our trip through three

mountain passes and into the Dosewallips River drainage. Extend your Northwest adventure by adding trip #91134 or #91135. ♦ In a 1936 article in the Sierra Club Bulletin, Robert B. Walkinshaw wrote of the Olympic Peninsula, "No wonder of Yellowstone or Glacier or Yosemite is more awesome and inspiring." ♦ Leader: Bob Anderson. Price: \$395; Dep: \$50. [91143]

## Conservation Victory

**Lost River Basin, South to North, Olympic Park, Washington — July 12-19.**

Mountain vistas, deep river valleys, lush meadows and dense forests are all part of this Pacific Northwest adventure. We will travel the heart of the Olympics as we skirt the eastern side of Mt. Olympus. A naturalist will join us for the first half of the trip which includes the Dosewallips River and Lost Pass. Extend your vacation by adding trip #91134 or #91135. ♦ The Sierra Club's efforts to protect this Northwest wilderness were rewarded in 1938 when the Olympic National Park was created. ♦ (Rated M) Leader: Jim Kirkpatrick. Price: \$395; Dep: \$50. [91144]



HUBERT SMITH

**SEE PAGE 55 FOR  
A DESCRIPTION OF  
THE BACKPACK TRIP  
RATING SYSTEM.**

**Cirque of the Towers, Wind River Range, Wyoming — July 12-21.** The southern end of the Wind River Range is one of the most impressive areas you can hope to visit. The Cirque forms a 300-degree arc of granite, and it towers over a lake and meadows that are almost otherworldly in setting and beauty. Our planned layover days should give us time to enjoy this and many other attractions. (Rated M-S) *Leader: Roger Grissette. Price: \$485; Dep: \$50. [91145]*

**Lake Hopping in the Sierra, Inyo Forest, Sierra — July 13-20.** Picture this: You are relaxing next to a beautiful mountain lake within sight of magnificent Banner Peak and Mt. Ritter. You've left your troubles behind and the biggest dilemma you face is choosing which of more than a dozen lakes in the Rush Creek area to visit. Two layover days and a food drop midway make this trip a real joy. Join us on this fishing, swimming, and lake-hopping extravaganza! (Rated L-M) *Leader: Sy Gelman. Price: \$285; Dep: \$50. [91146]*

*Left: Canyon de Chelly, Arizona; New Hance Trail, Grand Canyon Park*



TM EGAN

### Conservation Victory

**Pacific Crest Trail, Kings Canyon Park, Sierra — July 13-21.** Hike with us to a remote portion of this 2,600-mile National Scenic Trail. We'll trek to the Pacific Crest Trail via Bishop Pass and visit Evolution Basin, the San Joaquin River, and Marie Lake before departing via Italy Pass. Total distance is 72 miles. One layover day is planned for relaxing or further exploration. ♦ *During the 1930s the Sierra Club continued pressing for additions to Sequoia National Park and resisted state plans for a highway into Kings Canyon. ♦ (Rated M-S) Leader: Bill Allen. Price \$345; Dep: \$50. [91147]*

**Natural History of the Trinity Alps, California — July 14-20.** Our 40-mile route passes through fields of flowers, skirts glacial lakes, and crosses rocky ridges affording vistas of the highest peaks and deepest canyons in this remote and unspoiled region. Our naturalist will enrich the experience by identifying wildflowers and interpreting geological features. One layover day is planned for peakbagging, fishing, or loafing. (Rated M) *Leader: Gerry Dunie. Instruc-*

*tor: Suzanne Swedo. Price: \$325; Dep: \$50. [91148]*

**Alpine Lakes and Rugged Peaks, John Muir Wilderness, Sierra — July 14-21.** Our 36-mile exploration of the lake-studded, alpine wilderness surrounding Mt. Senger, Seven Gables, and Gemini will be highlighted by early season wildflowers, fishing for golden trout, peakbagging, and swimming. We'll be at altitudes between 10,000 and 12,000 feet; mostly short, cross-country hikes and a layover day will provide ample time to enjoy this special area. (Rated M) *Leader: Brian Jacobs. Price: \$335; Dep: \$50. [91149]*

### Conservation Challenge

**Continental Divide Trail: South San Juan Wilderness, Rio Grande Park, Colorado — July 14-21.** This highest continuous stretch of trail in North America stays above 11,000 feet for our 50-mile route. Challenging, remote terrain, abundant wildlife, and numerous vistas make this trip ideal for the experienced backpacker. With no layover days, moderate hiking distances will give us time for ascents of 13,000-foot summits and incomparable trout fishing at six lakeside campsites. ♦ *The Sierra Club and other environmentalists are trying to keep a 2,780-acre valley bordering the South San Juan Wilderness from being developed. ♦ (Rated M-S) Leader: John Lemon Sellers. Price: \$345; Dep: \$50. [91150]*

**Lakes of the Emigrant Wilderness, Sierra — July 14-21.** This easily accessible wilderness area offers many lakes, glaciated granite valleys, and gentle meadows filled with wildflowers. We'll hike 44 miles, including five miles of moderate cross-country at elevations ranging from 7,000 to 9,000 feet. One short hiking day and one layover day give us plenty of time for fishing,

swimming, climbing or relaxing. Seasoned backpackers and well-conditioned beginners, 14 years and over are welcome. (Rated L-M) *Leader: Jerry Shluker. Price: \$275; Dep: \$50. [91151]*

**Ritter, Banner and the Minarets, Ansel Adams Wilderness, Sierra Forest, Sierra — July 15-23.** Rediscover the joy of wildness and spiritual freedom on this High Sierra backpack. We'll spend nine glorious days frolicking and gamboling in this remote, rugged, and seldom-visited backcountry of steep canyons, lush pine forests, isolated meadows, and lake-studded granite escarpments. Two layover days are planned for optional nontechnical climbs or for snoozing. This trip is primarily for experienced backpackers, but strong, spirited beginners are welcome. (Rated M-S) *Leaders: Patrick and Frances Colgan. Price: \$280; Dep: \$50. [91152]*

**Ramble in the Recesses, John Muir Wilderness, Sierra — July 19-27.** Bounded by Silver Divide to the north and Mono Divide to the south, the Mono Recesses comprise four classic hanging valleys that fall into the giant, glacially sculpted trench of Mono Creek. Our adventurous on- and off-trail route traverses this magnificent area from north to south. The region abounds with 12,000- to 13,000-foot peaks for climbing, secluded lakes for dipping, and scenery to feed the soul. (Rated M) *Leader: Lasta Tomasevich. Price: \$305; Dep: \$50. [91153]*

### Conservation Victory

**A Women's Walk in Adirondack Park, New York — July 20-27.** After a boat ride to a beautiful spot on Long Lake, we hike the Northville-Placid Trail along Cold River to picturesque Duck Hole. Then we'll venture into the

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# BACKPACK

High Peaks area to culminate our trip with a dayhike up Mt. Marcy, New York's highest peak at 5,344 feet. We will hike a total of 35 miles. ♦ *In the early 1970s developers planned to build thousands of vacation homes on private land within the park. Environmentalists, including Sierra Club members, stopped the development by persuading state legislators to pass strict zoning laws.* ♦ (Rated M) Leader: Edith Schell. Price: \$295; Dep: \$50. [91154]

## Conservation Victory

Northeast Yosemite, Yosemite Park, Sierra — July 21-28. A trail hike through this roadless corner of Yosemite features a rich variety of wildflowers, birds, peaks, lakes, and canyons typical of the park's 7,000 to 11,000-foot elevations, but without the crowds. Moving days of less than eight miles plus two layover days give us plenty of time for photography, fishing, peak climbing, and nature exploration. Mules will carry our food to the first camp. ♦ *In 1912 the Sierra Club purchased a 160-acre homestead in the heart of Tuolumne Meadows to preserve the meadow's beauty. In 1968, this property, known as Soda Springs, was transferred to Yosemite Park.* ♦ (Rated L-M) Leader: Jim Gilbreath. Price: \$320; Dep: \$50. [91155]

The Zirkel Circle, Routt Forest, Colorado — July 21-28. Explore the rugged Mt. Zirkel Wilderness in the Park Range. Although they are lower than most Colorado ranges, the mountains offer great scenery and good fishing. Most hiking will be on trails, but one full day will be cross-country along the Continental Divide. We will cover 43 miles

in seven days and have one layover day. Three nights will be spent above treeline. This trip is suitable for experienced backpackers. (Rated M) Leader: Gene Goldberg. Price: \$340; Dep: \$50. [91156]

The Great Divide, Jasper and Mt. Robson Parks, Alberta and British Columbia — July 21-29. This challenging installment of a trek in the Canadian Rockies will take our group of experienced backpackers through little-visited valleys and passes, among glacier-draped peaks, abundant wildlife, and flower-filled meadows. Cross-country travel, unmaintained trails, and unbridged streams add to the trip's difficulty, yet the rewards will be more than commensurate. Distance covered adds up to approximately 55 miles in seven moving and two layover days. (Rated S) Leader: Rob Jacobs. Price: \$435; Dep: \$50. [91157]

Beetlebug Lake, John Muir Wilderness, Sierra — July 22-30. High in the Sierra Nevada the colorful Silver Divide rises between Yosemite and Sequoia national parks. From near Mammoth Lakes we'll begin our trek toward such delightfully named lakes as Peter Pande, Scarab, and Beetlebug. Then we'll explore eastward through the numerous rock- and meadow-bound lake basins on both sides of the divide. This 60-mile trip is for experienced backpackers who like to travel off-trail. Two layover days are planned. (Rated M-S) Leader: Cal French. Price: \$295; Dep: \$50. [91158]

## Conservation Victory

Fountains of the Kings, Kings Canyon Park, Sierra — July 22-31. Let us sate your wanderlust with a 65-mile odyssey from the great

canyon of the South Fork Kings River into its wide-sweeping tributaries and crest lakes. We'll cross Glen and Pinchot passes, pausing at the gardens of Rae Lakes, Woods Lake Basin, and Bench Lake. While the outing is mostly on-trail, there is an exhilarating day and a half of cross-country travel, sure to refresh. ♦ *In 1938, as a result of a meeting in San Francisco with Sierra Club board members, Secretary of the Interior Harold Ickes and the Club agreed to work together to win support for Kings Canyon National Park.* ♦ (Rated M-S) Leader: Jim Watters. Price: \$330; Dep: \$50. [91159]

## Conservation Victory

Rocky Basin Ramble, Golden Trout Wilderness and Sequoia Park, Sierra — July 23-30. South of Mt. Whitney, our 41-mile loop begins and ends at Horseshoe Meadows (10,000 feet). On two layover days we will explore contrasting geologic areas: Volcano Meadow and Rocky Lakes. Then we'll hike along Rock Creek in Sequoia National Park and cross New Army Pass. The first two days involve elevation loss with net elevation gains saved for later. ♦ *Sequoia National Park was created on September 25, 1890, largely as a result of the lobbying efforts of John Muir.* ♦ (Rated M) Leader: Bill Eng. Price: \$285; Dep: \$50. [91160]

Mt. Electra, Ansel Adams Wilderness, Sierra and Inyo Forests, Sierra — July 25-August 4. Join us on a trip in the high country where incredible views of peaks and meadows with meandering streams will greet us every day. We'll have time to enjoy peakbagging and fishing. Mts. Electra, Foerster, Davis, Banner, and Ritter will all be nearby. (Rated M-S) Leader: Mari Calhoun. Price: \$395; Dep: \$50. [91161]

## Conservation Victory

Yosemite Panoramic Trek, Yosemite Park, Sierra — July 26-August 3. Our trip starts at Glacier Point (7,214 feet), where we are treated to a panoramic view of the major landmarks that have made Yosemite famous. Then we follow Illilouette Creek toward Merced Pass lakes. Our journey continues to Ottoway Lake and over Red Peak Pass, where we'll descend toward Washburn Lake on the fabled John Muir Trail. On our next to last day we'll climb Half Dome and partake of views that we will remember for a lifetime. ♦ *Although the Sierra Club was not successful in its fight to save Hetch Hetchy Valley from being dammed, many important lessons were learned about the need to organize advocates for conservation issues.* ♦ (Rated L-M) Leader: John Bird. Price: \$320; Dep: \$50. [91162]

## Conservation Victory

Triple Divide Peak, Sequoia Park, Sierra — July 27-August 4. This trip covers 53 miles of Sequoia's most beautiful and rugged wilderness, circumnavigating Triple Divide Peak in the upper drainages of the Kern, Kaweah, and Kings rivers. Two of our hiking days will be cross-country on scree and granite. Two layover days have golden trout fishing potential. ♦ *In 1965 the Sierra Club formally opposed development of a Disney ski resort at Mineral King, named in the 1870s by prospectors, who got little more than unfulfilled dreams from it.* ♦ (Rated M-S) Leader: Carol Shapiro. Price: \$285; Dep: \$50. [91163]

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THE APPLICATION  
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BETWEEN PAGES  
100 AND 101.**

# BACKPACK

## Conservation Challenge

**Yosemite After the Fires, Yosemite Park, Sierra — July 27–August 4.** This trip is a rare chance to spend a day exploring the areas burned in Yosemite last summer. We'll be guided by a Yosemite naturalist who predicts a magnificent display of wildflowers. Then we'll hike east, stopping at scores of pristine lakes to swim and sun on our way to the high country. Great food and companionship make this a four-star trip. ♦ *In 1980 the National Park Service unveiled the General Management Plan for Yosemite National Park. The Sierra Club advocates the deurbanization of Yosemite Valley as promised by this plan.* ♦ (Rated L-M) *Leader: Rich Gross. Price: \$270; Dep: \$50.* [91164]

**River of No Return Wilderness, Idaho — July 28–August 3.** In the largest wilderness in the Lower 48, we'll hike along the Middle Fork of the Salmon River, renowned for fly-fishing and whitewater rapids. Then we'll journey on to the granite monoliths of the Bighorn Crags, nestled amidst dozens of lakes and conifer forests. Abundant wildlife awaits us, with a layover day for relaxing. (Rated M) *Leader: David Morrison. Price: \$345; Dep: \$50.* [91165]

**Along the North Boundary Crest, Emigrant and Hoover Wildernesses and Yosemite Park, Sierra — July 28–August 4.** The eastern Emigrant Wilderness and North Boundary country of

Yosemite entice backpackers with a pleasing combination of rocky alpine vistas and meadows. Starting at Kennedy Meadow, our 48-mile route takes us through historic Emigrant Meadow, around landmark Tower Peak, and down to Peeler and Twin lakes. The trip includes two layover days and two days off-trail. (Rated M) *Leader: Eric Sieke. Price: \$295; Dep: \$50.* [91166]

## Conservation Victory

**Mt. Brewer Loop, Sequoia and Kings Canyon Parks, Sierra — August 2–9.** The Great Western Divide is the setting for our high-alpine loop hike around Mt. Brewer (13,570 feet). We'll have two layover days at Lake Reflection to climb Mt. Brewer and also explore the Kings-Kern Divide that separates Sequoia from Kings Canyon. Another free day at Big Brewer Lake allows us to discover the Sphinx Crest. ♦ *In 1969 the Sierra Club filed its Mineral King suit, seeking both preliminary and permanent injunctions against the issuance of permits for construction of the Disney ski resort.* ♦ (Rated M) *Leader: Bob Madsen. Price: \$280; Dep: \$50.* [91167]

**Bloody Mountain and Lots of Lakes, John Muir Wilderness, Sierra — August 2–10.** Visit picturesque alpine lakes northeast of the Silver Divide on a scenic loop in the shadows of 12,544-foot Bloody Mountain and 12,614-foot Mt. Baldwin. Our trip includes a food drop and two layover days, with ample opportunities for climbing the peaks, wildlife observation, photography, swimming, sight-seeing, camaraderie, and enjoying the magnificence of the High Sierra. (Rated M) *Leader: Al Lyon. Price: \$375; Dep: \$50.* [91168]

## Conservation Victory

**For a King's Ransom, Kings Canyon Park, Sierra—August 2–10.** Beneath the 12,000-foot peaks of Cirque Crest lies a treasury of lakes, streams, and rugged mountain passes. Our nine-day, 50-mile trek takes us to seldom-visited recesses of the King's vaults, including Glacier Lakes, Cartridge Creek, and Granite Basin. This adventurous trip includes challenging cross-country travel, remote camping, and fabulous scenery definitely worth a king's ransom! ♦ *Ansel Adams' book, Sierra Nevada: The John Muir Trail, was instrumental in the campaign for Kings Canyon National Park.* ♦ (Rated M-S) *Leader: Scott Kingham. Price: \$315; Dep: \$50.* [91169]

**Women's Beginner Backpack, Ansel Adams Wilderness, Sierra — August 3–10.** South of Yosemite National Park, we'll travel short distances on- and off-trail, with some rock scrambling. Most afternoons will be free to swim, sketch, relax, or explore lakes and the high country. Elevations range from 7,000 to 10,500 feet, with total hiking distance about 30 miles. This trip is suitable for beginners or experienced backpackers who want to perfect their wilderness skills. (Rated L) *Leader: Alice Kulka. Price: \$270; Dep: \$50.* [91170]

## Conservation Victory

**Great Western Divide Peakbag, Kings Canyon Park, Sierra — August 3–11.** Enjoy an adventurous trek into the Great Western Divide and Kings-Kern divides on this scenic foray into a land made for experienced peak enthusiasts. Entering via Kearsarge Pass, we will approach Mt. Brewer and spend three days in pursuit of peaks and lakes, or we can rest in camp and search for the meaning of the word acrophile. ♦ *The Sierra*

*Club conducted many trips into Kings Canyon in the 1930s. Many participants wrote their congressmen to urge the creation of a new national park.* ♦ (Rated M-S) *Leader: Terry Flood. Price: \$310; Dep: \$50.* [91171]

**Collegiate Peaks Wilderness Adventure, San Isabel Forest, Colorado — August 3–12.** In the heart of the Colorado Rockies, the Collegiate Peaks Wilderness Area includes several peaks over 14,000 feet, named by the early surveyors for their alma maters. A backpack through the Pine Creek Valley and into Missouri Basin to base camps at 11,500 feet will allow moderate climbs of beckoning Mt. Columbia (14,073 feet), Mt. Harvard (14,420 feet), Missouri Mountain (14,067 feet), Iowa Peak (13,831 feet), Emerald Peak (13,904 feet), Mt. Belford (14,197 feet), and Mt. Oxford (14,153 feet). (Rated M-S) *Leader: Al Ossinger. Price: \$320; Dep: \$50.* [91172]

**Continental Divide, East to West, Rocky Mountain Park, Colorado — August 4–10.** On our hike across the Continental Divide, we'll search for a 12,000-foot glacier stream that divides in two, with half flowing to the Pacific and the other half toward the Atlantic. Join us and feel the soft grass in alpine valleys, the hard granite on 14,000-foot peaks. This is a 36-mile hike for those in shape. Midway, we'll swap car keys with our west-east counterparts (see trip #91174). (Rated M) *Leader: Jim Halverson. Price: \$360; Dep: \$50.* [91173]

**Continental Divide, West to East, Rocky Mountain Park, Colorado — August 4–10.** Join us as we explore this jewel of the Rockies and cross the Continental Divide (12,300 feet), camping at alpine meadows and lakes in the shadow of Long's Peak. Wildflowers and trout await us!

**PLEASE READ THE RESERVATION AND CANCELLATION POLICY ON PAGE 118 BEFORE SENDING IN YOUR APPLICATION.**

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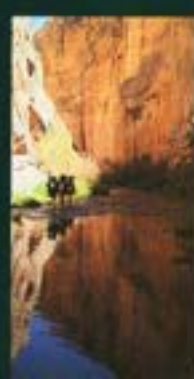
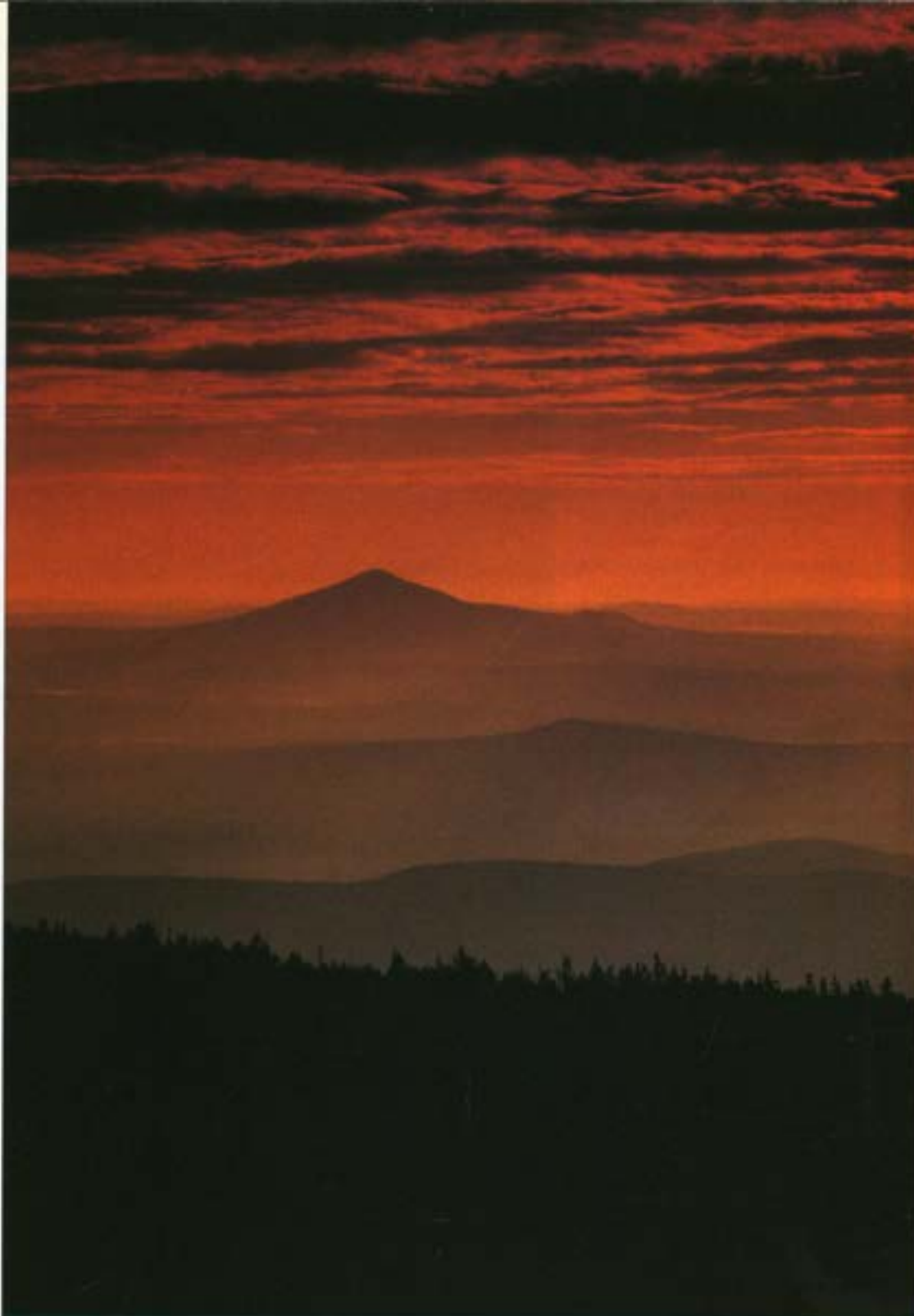
PAUL REZENZIES  
We'll scramble, botanize, or fish on our layover day. Midway, we swap car keys with our east-west counterparts (see trip #91173). For hikers in good condition. (Rated M-S) Leader: Jack B. Zirker. Price: \$360; Dep: \$50. [91174]

**More Wildflowers of the San Juan Mountains, Weminuche Wilderness, Rio Grande Forest, Colorado — August 4-10.** The wildflower display far exceeded our expectations during our 1990 trip, so we are going back for more. This time we'll backpack 49 miles (gaining 9,000 feet of elevation) along the Continental Divide (12,800 feet) from Wolf Creek Pass. A naturalist will enrich our experience by identifying the flowers and interpreting geologic features. One layover day is planned for peakbagging, fishing, or loafing. (Rated M) Leader: Gerry Dunie. Instructor: Suzanne Swedo. Price: \$445; Dep: \$50. [91175]

### Conservation Victory

**Miter Basin, John Muir Wilderness and Sequoia Park, Sierra — August 4-11.** On our High Sierra trip, we'll enjoy several alpine meadows and have the chance to climb two 14,000-foot peaks. We will spend time in Miter Basin and the Crabtree Lake area, with layover days either to tackle Mt. Langley and Mt. Whitney or to enjoy the lakes and wildflowers. Our campsites will all be above 11,000 feet, with 11 cross-country miles out of 36 total. ♦ *The suit brought by the Club to stop the development of the Disney ski resort at Mineral King established the right of environmental groups to sue and initiated modern*

*Clockwise from top: sunrise, Baxter State Park, Maine; Death Hollow, Utah; Temple Crag, John Muir Wilderness, Sierra; New England fall color*



# BACKPACK

*environmental law.* ♦ (Rated M) Leader: Lee Zimmerman. Price: \$285; Dep: \$50. [91176]

**Fremont Peak, Wind River Range, Wyoming — August 4–13.** Follow the 1842 path of John C. Fremont and Kit Carson through the Bridger Wilderness to Island Lake. Two layover days at the lake allow us to climb Fremont (13,745 feet) and other peaks to view extensive glaciers. Crossing Indian Pass (12,120 feet) into the Fitzpatrick Wilderness, we'll descend to the alpine lake area for another two layover days of exploring. This trip is for well-conditioned backpackers. (Rated S) Leader: Dave Derrick. Price: \$425; Dep: \$50. [91177]

**Trout Odyssey, Sawtooth Wilderness, Idaho — August 5–14.** The uncrowded Sawtooth Range offers some of the best scenery, backpacking, and alpine trout fishing in the Lower 48. During our 50-mile trip we'll also explore local geology and search for some of the remarkable crystal pockets that have formed in the granite. Suitable for both novice and experienced backpackers. (Rated L-M) Leader: Dave Sherman. Price: \$480; Dep: \$50. [91178]

**High in the Wind River Range, Wyoming — August 7–17.** Pack your fishing pole and camera and join us for an exciting adventure into the vast Bridger Wilderness. A series of long routes take us into some of the least-visited, best fishing lakes anywhere. Layover days give us time

for photography, peakbagging, or simply relaxing in one of the country's most rugged and scenic mountain ranges. (Rated S) Leader: Howard Newmark. Price: \$510; Dep: \$100. [91179]



GARY LADD

**Glacier Divide and Bear Lakes, John Muir Wilderness, Sierra — August 9–18.** This loop trek through the crown of High Sierra country takes us to Evolution Valley, over Glacier Divide, and into Humphreys and Bear Lake basins. Our exertions will be rewarded with views of Mt. Darwin, the Pinnacles, and the Seven Gables. Strenuous cross-country travel alternating with layovers provides challenges as well as time for rest and contemplation. For experienced backpackers. (Rated M-S) Leader: Cahit Kitaplioglu. Price: \$340; Dep: \$50. [91180]

**A Glimpse of Baxter Park for Naturalists and Photographers, Baxter Park, Maine — August 11–17.** Baxter State Park is a paradise for photographers and naturalists. From the serene beauty of remote Russell Pond to majestic Mt.

Katahdin, we'll take time to observe the park's natural history wonders. Baxter features a variety of environments, including alpine tundra, boreal forest, eastern woodland, and sphagnum bog, as well as lakes, ponds, and streams. (Rated M-S) Leaders: Laurie J. Buck and Phil Titus. Price: \$395; Dep: \$50. [91181]

**Potpourri of Peaks and Lakes, Ansel Adams Wilderness, Sierra — August 11–17.** Explore High Sierra peaks (Lyell, Ritter, and Banner) and alpine lakes (Thousand Island, Davis, Marie, and Garnet) on this 32-mile loop starting southeast of Yosemite Park. Varied terrain includes forest trails and cross-country rock scrambling above tree-line. We'll have two layover days to visit Lyell Glacier, peek into Yosemite, and climb some peaks. (Rated M) Leader: Roxann Hanning. Price: \$330; Dep: \$50. [91182]

**Clarks Fork of the Yellowstone River Canyon Adult-Teen Backpack, Wyoming — August 11–18.** This trip is specially designed for teams of one teenager and one adult (parent, grandparent, or friend) or two teens and one adult. Proposed for Wild and Scenic River designation, the Yellowstone River has carved

a magnificent canyon with 1,200-foot walls. We'll photograph wildflowers and waterfalls as we hike the rim for 25 miles with three descents into the canyon to explore, swim, fish and enjoy good friends. (Rated L) Leaders: Dale and Craig Kemmerer. Price: \$340; Dep: \$50. [91183]

**Silver Divide, John Muir Wilderness, Sierra — August 11–18.** Our 50-mile route from McGee Creek to Mammoth Lakes crosses the Sierra crest at McGee Pass (11,900 feet), and visits meadows and forests in Cascade Valley as well as alpine lakes along the northern slopes of the Silver Divide. Layover days at two of the finest lake basins in the Sierra allow for relaxation, fishing or climbing peaks. A packer-assist lightens our load the first day. (Rated M-S) Leader: Jack Wickel. Price: \$335; Dep: \$50. [91184]

## Conservation Victory

**Above and Beyond Monarch Divide, Kings Canyon Park, Sierra — August 11–19.** This 32-mile trek on- and off-trail takes us through panoramic treeline country for close-up views of Monarch Divide and Cirque Crest. We'll have two layover days for sun-

**GIVE THE GIFT OF WILDERNESS, WITH A SIERRA CLUB OUTING GIFT CERTIFICATE. SEE PAGE 75 FOR DETAILS.**



ning on stone slabs, invigorating swims, rock scrambling, and waiting for alpenglow. Plus we'll enjoy creative camp cuisine! Well-prepared beginners and laid-back veterans who appreciate granite are welcome. A packer-assist will lighten our load the first day.

♦ *As part of the campaign for Kings Canyon National Park, David Brower (with Richard Leonard's help) photographed and produced the Club's first movie, Skyland Trails of the Kings.* ♦ (Rated L-M) *Leader: Kate Froman. Price: \$300; Dep: \$50.* [91185]

**Blackcap Basin, John Muir Wilderness, Sierra — August 13-24.** Our 12-day trip visits high open country west of the glacially sculpted Le Conte Divide. We'll enjoy five layover days in the lakes and alpine meadows of Bench Valley and the 50-lake Blackcap

*Far left: Death Hollow Utah; Kings Canyon Park, Sierra*

## SIERRA SAMPLERS

*This year we've added a new type of backpack trip, Sierra Samplers. They're shorter outings that can be tied together to make a two-week adventure to three different niches in the Sierra, each less than a day's drive apart. You can leave "Rails to Trails" on July 4 in time to get aboard the "Yosemite Sunrise" at Tuolumne Meadows on July 6, then amble on down to Cottonwood Lakes to join the "New Army Pass" on July 12. If doing all three seems too heavy a schedule, you can do a trip in between sightseeing in San Francisco and visiting relatives in Los Angeles.*

**Rails to Trails, Tahoe Forest, Sierra — June 30-July 4.** Treat yourself to a taste of Sierra backpacking, starting with a night at the Club's Clair Tappaan Lodge near Donner Pass. After that, we'll hike less than 25 miles in four days, including part of the route of the original Central Pacific railroad, with plenty of time left for ambling up peaks or watching tadpoles. Definitely your cup of tea. (Rated L) *Leader: Jim Maas. Price: \$165; Dep: \$50.* [91130]

**Yosemite Sunrise, Yosemite Park, Sierra — July 6-10.** Come and experience some of the most dramatic scenery that Yosemite has to offer. We'll have four days and three nights in the wilderness by sparkling lakes and streams. Don't miss the

opportunity to see the Sierra from the top of Half Dome. From the high country to the valley, this is a trip for all, beginners and experienced alike. (Rated L) *Leader: Roz Bray. Price: \$175; Dep: \$50.* [91138]

**New Army Pass, Golden Trout Wilderness, Sierra — July 12-15.** Our four-day, 22-mile loop crosses the Sierra Crest from the east through the Cottonwood Lakes and over New Army Pass. This is a memorable, southern Sierra trip complete with novel, far-reaching views across the Kern River Canyon. Our scenic campsites will be near meadow edges and cirque lakes. Our choice of a return is by way of Siberian Outpost and Cottonwood Pass. (Rated L-M) *Leader: Joe Sinclair. Price: \$185; Dep: \$50.* [91142]

**Basin: We'll stroll, fish, loaf, or climb peaks. Our route is 44 miles (six cross-country). A packer drop will ease our food load. (Rated L-M) Leader: Mac Downing. Price: \$425; Dep: \$50. [91186]**

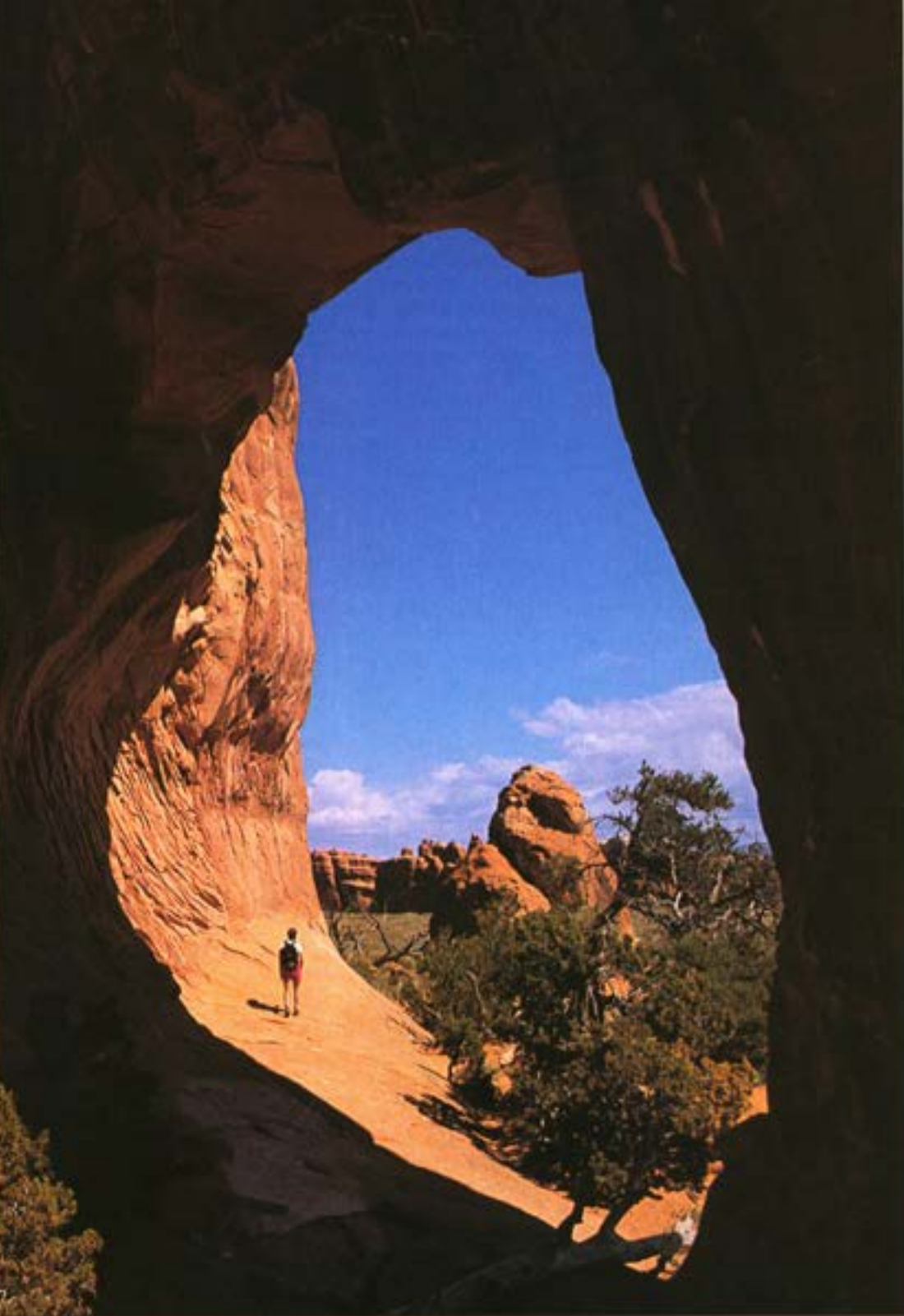
**Siberian Outpost, John Muir and Golden Trout Wildernesses, Sierra — August 15-24.** Our ten-day, 45-mile ramble starts at Horseshoe Meadows and crosses New Army (12,400 feet), Siberian (10,920 feet), and Cottonwood (11,200 feet) passes. Three layover days allow ample time to explore this lake-studded land of fox-tail pine and golden trout, high on the southern Sierra Crest. A food drop mid-trip will lighten our packs. (Rated L-M) *Leader: Paul McKown. Price: \$365; Dep: \$50.* [91187]

### Conservation Victory

**Heart of the Range of Light Loop, Kings Canyon Park, Sierra — August 16-24.** Kings Canyon National Park lies at the heart of John Muir's Range of Light, and our loop trip saunters right through it. Trails give us access to spectacular Gardiner and Sixty Lake basins and to the secluded, rugged Window Peak area north of Woods Creek, but mostly we'll hike cross-country to ascend remote peaks. ♦ *Professor Joel Hildebrand, Club president from 1937 to 1940, helped the National Park Service draft the bill establishing Kings Canyon National park.* ♦ (Rated M) *Leader: Vicky Hoover. Price: \$275; Dep: \$50.* [91188]

### Conservation Victory

**Palisade Adventure, Kings Canyon Park, Sierra — August 16-24.** The Palisades include five 14,000-foot peaks and some of the most impressive alpine scenery in the Sierra. Half of our route's 28 miles will be off-trail, and sometimes challenging.



Camps will be mostly above timberline, with two layover days. This trip is suitable for people with off-trail and high-altitude hiking experience. ♦ **The act creating Kings Canyon National Park was signed on March 4, 1940, consummating the Sierra Club's most important conservation campaign in the 1930s.** ♦ (Rated L-M) Leader: Joe Uzarski. Price: \$405; Dep: \$50. [91189]

**Mt. Zirkel Wilderness Divide, Routt Forest, Colorado — August 16-25.** For nine days we'll follow the Continental Divide Trail into the heart of the Mt. Zirkel Wilderness, hiking every other day, and camping each night at a pristine alpine lake. On our three layover days we can rest, fish, photograph, or scramble over peaks. On each of our moving days we'll cover six to nine miles on good trails with moderate elevation changes. A food cache will help lighten our loads. (Rated M) Leaders: Joanie and Mike Hoffman. Price: \$330; Dep: \$50. [91190]

**Sierra Crest Zigzag, Ansel Adams Wilderness and Yosemite Park, Sierra — August 17-24.** A charter van to the Clover Meadows roadhead makes it possible for us to head mostly cross-country to Tuolumne Meadows via Long Creek, Bench Canyon, and three high and remote passes. We'll cover about 55 miles with 9,000-foot elevation gain and enjoy one layover day. Van fare (about \$45) is not included in the trip price. (Rated M-S) Leaders: Carol and Dexter Hake. Price: \$310; Dep: \$50. [91191]

**Clockwise from top: Pine Tree Arch, Arches National Park, Utah; Bearpaw Lake, John Muir Wilderness, Sierra; Dall sheep; relaxing in camp**



# BACKPACK

## Conservation Challenge

**Alpine Ecology, Yosemite Park, Sierra — August 18–24.** Explore the fragile alpine plant and animal communities on the very roof of Yosemite with a professional naturalist. The country around the park's highest peak and glacier offers grand views, colorful rock formations, and a rich variety of high-altitude wildflowers. Daily hiking distances are short, but elevations of 10,000 to 12,000 feet require participants to be in good physical condition. One layover day is planned. ♦ *The Sierra Club has urged the National Park Service to establish an extensive shuttle service throughout Yosemite to cut down on traffic congestion and smog caused by excessive use of private automobiles.* ♦ (Rated L-M) Leader: Suzanne Swedo. Price: \$250; Dep: \$50. [91192]

**Porcupine Mountain Wilderness Park, Upper Peninsula, Michigan — August 18–24.** Gitche Gumee's rugged shoreline plus virgin forests and rushing streams present us with a scenic, remote wilderness to explore on the southern shore of majestic Lake Superior. On moving days we'll hike six to seven miles with one or two layover days to take in the serenity of the North Woods. Get your body and backpacking equipment in shape so you can enjoy every minute. (Rated L-M) Leader: Jack Thompson. Price: \$370; Dep: \$50. [91193]

**Sierra Crest Ramble, John Muir Wilderness, Sierra — August 18–25.** Experienced backpackers will enjoy this rugged route (with some cross-country) into a Sierra backcountry of high mountain lakes surrounded by rampart-like peaks. Our eight-day loop leads over McGee Pass (11,900

feet) into the Silver Divide and back out over Hopkins Pass (11,900 feet). Our pace should allow time for climbing peaks, lake-bagging, and loafing on two layover days. (Rated M) Leader: Denise LaBuda. Price: \$300; Dep: \$50. [91194]

## Conservation Victory

**Footloose Through Mineral King, Sequoia Park, Sierra — August 18–26.** Join adventure-seeking hikers and explore the backcountry heart of the southern Sierra. Half of our 32-mile tramp is challenging cross-country but most days we'll be in camp by lunch. Come swim in the lakes, sleep in a secret valley, and share the best backpacking food you've ever had. ♦ *On June 23, 1969, a preliminary injunction halting all work on the Disney ski resort at Mineral King was issued. A year later the Court of Appeals overruled the injunction, and the Sierra Club's case was on its way to the Supreme Court.* ♦ (Rated M-S) Leader: Andy Johnson. Price: \$275; Dep: \$50. [91195]

**Colorado's Largest Wilderness: The Weminuche, San Juan Forest — August 18–28.** Peaks, ridges, streams, and lakes await us on this 65-mile trek through remote wilderness country. Three layover days are planned for peakbagging, fishing, or backcountry lounging. A food drop mid-trip will help lighten our loads. (Rated M-S) Leader: Gary Cline. Price: \$430; Dep: \$50. [91196]

**Anaconda-Pintler Wilderness, Montana — August 22–31.** Hike along the Continental Divide Trail in southwest Montana in country prospected by Charles Pintler and Moose Lake Johnson. We'll view a combination of dense forests and spectacular

cirques, valleys, and glacial moraines. Our pace should allow time for fishing and climbing peaks up to 10,793 feet; we'll observe wildlife, including elk, mountain goat, moose, and black bear. Trail altitude ranges from 6,500 to 9,000 feet. A food drop midway through the trip will help ease our loads. (Rated L-M) Leader: Wayne Chamberlin. Price: \$370; Dep: \$50. [91197]

**John Muir and the Three Bears, Sierra Forest, John Muir Wilderness, Sierra — August 22–31.** Adventure-some souls who enjoy lakes and cross-country hiking will love our trek over four 12,000-foot passes in the shadows of 13,000-foot peaks of the Mono Recesses and Bear lakes region. Eighteen miles off-trail and two layover days will provide photo and fishing opportunities on this 40-mile backpack. A food drop lightens our load the first day, where we start at an elevation of 10,250 feet. (Rated M) Leader: Barry Bolden. Price: \$375; Dep: \$50. [91198]

**Pyramid Peak, John Muir Wilderness and Kings Canyon Park, Sierra — August 22–31.** Much has been written about the scenic gems along the Sierra Crest just north of Kearsarge Pass, and many have enjoyed the area's inspiring beauty. Our trail and cross-country route through the region highlight its outstanding views while keeping us away from areas of heavy use. Expect a minimum of one layover day. (Rated M-S) Leader: Gordon Peterson. Price: \$320; Dep: \$50. [91199]

## Conservation Victory

**South Whitney Crest, Sequoia Park, Sierra — August 24–September 1.** Our route passes through the scenic high country west of the Whitney Crest from Mt. Russell (14,086 feet) south to Mt. Langley (14,027 feet), and concludes with the Whitney

Mountaineers Route. Featured are several lake basins with excellent fishing and alpine scenery. Two layover days give us a choice to climb Mt. Whitney (14,494 feet) or other peaks along the crest. ♦ *In 1972 the Supreme Court sustained the Court of Appeals in dissolving the injunction in the Mineral King suit. But Justice Stewart hinted, "Our decision does not stop the Sierra Club from seeking in the District Court to amend its complaint."* ♦ (Rated M) Leader: Donald H. Lackowski. Price: \$300; Dep: \$50. [91200]

## Conservation Victory

**Valhalla Vista, Sequoia Park, Sierra — August 25–31.** "Valhalla" aptly describes the splendid granite pinnacles of the Kaweah River headwaters. Our 45-mile tour visits the famous sequoias both at Giant Forest and, after passing through Valhalla and the high country, at Redwood Meadows. Our layover at Little Five Lakes can be spent climbing, swimming, botanizing, or enjoying the view of the mighty Kaweahs. ♦ *After the 1972 Supreme Court decision, the Sierra Club revised its complaint against the Disney ski resort and returned to the District Court. The case was reinstated and the injunction halting the development reimposed.* ♦ (Rated M-S) Leaders: Frances and David Reneau. Price: \$235; Dep: \$50. [91201]

**Cottonwood Lakes, Golden Trout Wilderness, Sequoia Park, Sierra — August 25–September 1.** Starting on the east side of the Sierra, we will hike a 24.5-mile loop in Sequoia National Park and Golden Trout Wilderness,

**SEE PAGE 55 FOR A DESCRIPTION OF THE BACKPACK TRIP RATING SYSTEM.**

# BACKPACK

TIM EGAN

ranging in elevation from 9,600 to 12,000 feet. On a layover day we can hike up Mt. Langley (14,042 feet). There will also be opportunities for photography and fishing. (Rated L) Leader: Hal Fisher. Price: \$280; Dep: \$50. [91202]

## Conservation Challenge

**Yosemite Natural History, Yosemite Park, Sierra — August 25–September 1.** "Great is granite," said John Muir, "and Yosemite is its prophet." Starting in Mono Meadow (7,000 feet), we'll hike into the Clark Range, with glacial lakes to swim in and 11,000-foot peaks to explore. We'll do botany and geology by day and astronomy by night. ♦ **The Sierra Club Yosemite Task Force endorses restrictions on camp fires in Yosemite Valley as a means of reducing air pollution.** ♦ (Rated M-S) Leader: Alan Stahler. Price: \$325; Dep: \$50. [91203]

**Wheeler Peak and the Snake Range Crest, Great Basin Park, Nevada — August 31–September 7.** Wheeler Peak and ancient bristlecone pine groves lie near abandoned miners' cabins in uncrowded Great Basin National Park. Our 35-mile route challenges experienced cross-country hikers as we travel south along the Snake Range crest over 13,000-foot Wheeler Peak to Baker, Johnson, and Lincoln peaks, ending the trip at Lexington Arch. Two layover days invite exploration of wild canyons or peaks. (Rated M-S) Leader: Ellie Strodach. Price: \$325; Dep: \$50. [91204]

**FOR MORE INFORMATION ABOUT A TRIP, SEND FOR THE TRIP BROCHURE. USE THE COUPON ON PAGE 119.**

**High Mountain Color, Flat Tops Wilderness, Colorado — September 1–7.** Early September is a magic time in the uncrowded, 10,000-foot Flat Tops Wilderness with the aspens changing to brilliant golds against a green, spruce backdrop. Meadows and lakes also invite exploration. Days should be clear and warm, evenings cool, and mosquitoes absent, with opportunities for fishing, hiking, wildlife watching, or solitude. (Rated L-M) Leader: Dianne Leeth. Price: \$300; Dep: \$50. [91205]

## Conservation Victory

**Kaweah High Country Traverse, Sequoia Park, Sierra — September 1–8.** A high country route from Wolverton to Mineral King will lead us over the Tablelands and Elizabeth Pass to a layover day beneath Triple Divide Peak. More cross-country travel will take us through Nine Lake Basin to our second layover at Little Five Lakes. Finally we'll follow trail over Sawtooth Pass to Mineral King, traveling a total of 34 miles, 12 cross-country. ♦ **By 1975 other environmental organizations had also endorsed the idea of adding Mineral King to Sequoia National Park; in 1978, the transfer was finally accomplished.** ♦ (Rated S) Leader: John Kerr. Price: \$275; Dep: \$50. [91206]

**Convicts' Escape, John Muir Wilderness, Sierra — September 4–12.** Our 40-mile backpack (20 cross-country) escapes to the splendor of more than 20 alpine lakes at elevations of 10,000 to 11,000 feet. High peaks, jagged cliffs, and glacially carved canyons characterize our route along the great Mammoth Crest from Mammoth Pass (9,200 feet) south over Grinnell Pass (11,600 feet) to Convict Lake. We'll have the opportunity to



explore, fish, and bag peaks on two layover days. (Rated M) Leader: Vic Porter. Price: \$315; Dep: \$50. [91207]

**Mammoth Crest and Peter Pande Lake, John Muir Wilderness, Sierra — September 6–14.** The crowds will be gone! Join us at Coldwater Campground at Mammoth Mountain for a mostly on-trail loop to the many lakes near the 11,400-foot Silver Divide. We'll have two layover days for side trips, fishing, and photography, and we can enjoy a soak in a hot springs en route. A food drop midtrip will help keep our packs light. (Rated L-M) Leader: Lou Wilkinson. Price: \$375; Dep: \$50. [91208]

**Silver Divide to Bear Lake Basin, John Muir Wilderness, Sierra — September 7–15.** Enjoy the late-summer solitude as we traverse a magnificent region of high lake basins, hanging valleys, and 13,000-foot peaks. Our 50-mile loop (one third of it off-trail) starts along McGee Creek, takes us over Silver and Mono divides and on to Bear Lake before exiting at Pine Creek. Two scheduled layover days offer exploration and peakbagging opportunities (Red and White Mountain, Seven Gables). Backpacking experience required. (Rated M-S) Leader: Bill Flower. Price: \$315; Dep: \$50. [91209]

**The Black Forest Trail, Tiadaghton Forest, Pennsylvania — September**



**8–14.** The Black Forest Trail is a 42-mile loop, with the elevation varying between 900 and 2,000 feet. The terrain is a geologist's paradise, a plateau of Paleozoic sedimentary rocks dissected by streams that have formed canyons in the sandstone. We will average less than six miles a day, to allow ourselves plenty of time for birdwatching, photography and nature interpretation. If you have not been backpacking before, this trip is a wonderful introduction. (Rated L-M) Leader: Jeffrey Knoop. Price: \$310; Dep: \$50. [91210]

**Grand Canyon Railroad and Hermit Basin/Bright Angel Loop, Grand Canyon Park, Arizona — September 15–21.** From Williams, Arizona we will ride the legendary steam locomotive to the South Rim to begin our hike on one of the park's popular introductory routes. Our 4,240-foot descent brings us through Dripping Springs and the superb Hermit Basin Natural Area to the Colorado River. A layover day at Granite Rapids and a return via the Bright Angel Trail are included in our 35-mile loop hike. (Rated S) Leader: Bob Cole. Price: \$450; Dep: \$50. [91211]



Far left: *hit foxes; Wind River Range, Wyoming*

“ ONE  
TOUCH OF NATURE  
MAKES THE WHOLE  
WORLD KIN. ”

—John Muir, *Our National Parks*, 1938

**Summer's End in the Adirondacks, Adirondack Park, New York — September 15–21.** Adirondack State Park is beautiful in any season, but the autumn colors provide the most magnificent backdrop for a seven-day adventure. The highlights of the High Peaks region—imposing Mt. Marcy (5,344 feet), inspiring Avalanche Pass, and irresistible Lake Colden—will all be covered on our 50-mile backpack. (Rated M-S) *Leader: Kenneth S. Limmer. Price: \$395; Dep: \$50. [91212]*

**Navajo Wildlands, Navajo Reservation, Arizona — September 21–28.** The Chuska Mountains soar above blue deserts and fiery-red Windgate sandstone, where we'll follow ancient Anasazi routes and Navajo sheep trails. Our Indian guide will help us find Basketmaker and Anasazi rock art, as well as providing an orientation to Navajo customs. On one evening a family will broil lamb for us; we'll also have the opportunity to use a sweat lodge. (Rated M-S) *Leader: Lynn Krause. Price: \$450; Dep: \$50. [91213]*

**Fall Color: Lake Superior Pictured Rocks, Upper Peninsula, Michigan —**

**September 22–28.** Our outing begins in one of the Midwest's premier outdoor settings with casual hiking that evolves into eight-mile hiking days. Fall colors, the Pictured Rocks cliffs, forests of softwood and hardwood, Twelve-Mile Beach, Tahquamenon River falls and cascades, and an abandoned lighthouse will enhance our hiking route through national and state park facilities. (Rated L-M) *Leader: Jack Thompson. Price: \$360; Dep: \$50. [91214]*

**Mesas Milagrosas: The Continental Divide Trail, Santa Fe and Carson Forests, New Mexico — September 22–28.** Come and hike along a 50-mile segment of the Continental Divide Trail as it wanders through enchanting northern New Mexico. We'll learn about the area's history and ecology from local experts as the terrain takes us between 6,000 and 10,000 feet elevation. Views of red and yellow cliffs surround us as we hike above and beside mesas of the Rio Chama basin. (Rated M) *Leader: Brian Johnson. Price: \$295; Dep: \$50. [91215]*

**Thunder River and Deer Creek Falls, Grand Canyon Park, Arizona — Septem-**

**ber 28–October 5.** Our autumn trip begins with a steep nine-mile descent to Thunder River (which makes it all worthwhile), followed by almost every feature the canyon has to offer: 120-foot Deer Creek Falls, hidden canyons with beckoning pools, the narrows of Jumpup, and a panoramic view as we ascend Kwagunt Hollow to Sowats Point. For experienced hikers only. No layover days are planned. (Rated S) *Leader: Gene Glenn. Price: \$270; Dep: \$50. [92430]*

**Lost in the Maze, Canyonlands Park, Utah — October 2–12.** After a long, exciting four-wheel drive into one of the Colorado Plateau's least-accessible regions, we'll explore the labyrinth known as the Maze. We'll climb in and out of canyons in this slickrock playground on our rugged and adventurous cross-country loop from the Maze Overlook to the Green River and back. (Rated S) *Leader: Howard Newmark. Price: \$480; Dep: \$50. [92431]*

**San Francisco River Canyon, Gila and Apache Forests, New Mexico and Arizona — October 6–12.** Our relaxing trip proceeds downstream from near Glenwood, New Mexico (4,000 feet) to the Martinez ranch in Arizona (4,600 feet). We'll do considerable wading, but distances are short, and there are side canyons to explore in this scenic semi-desert canyon country.

The varied habitats support bighorn sheep and birds typical of the Southwest. The canyon is noted for its variety of riparian growth. (Rated L) *Leader: Don Lyngholm. Price: \$315; Dep: \$50. [92432]*

**Oklahoma Wilderness: Grassland to Granite — October 26–November 2.** Oklahoma's wilderness areas contain surprising beauty and diversity. On short backpack trips through the rugged, granite Wichita Mountains, the Ouachita Mountains, and The Nature Conservancy's Tallgrass Prairie Preserve, we will see and experience first hand the sublime elements of Oklahoma's varied and enchanting landscapes. The treks, totaling 55 miles, are well suited for both beginners and experienced backpackers. (Rated M) *Leader: John Lemon Sellers. Price: \$280; Dep: \$50. [92433]*

#### Conservation Victory

**Colorado River Winter Solstice, Grand Canyon Park, Arizona — December 16–22.** We'll travel on the serpentine Tonto Trail through the magnificent Granite Gorge between our camps at Hermit Creek, and Granite, Salt, and Horn rapids on the Colorado River. Our hikes will be quick and short to conform to the winter days, with ample time to enjoy the mighty rapids and explore interesting side canyons. A midmorning arrival at South Rim Village will give us time to travel home for the holidays. ♦ *In 1968 the Sierra Club was rewarded in its efforts to save the Grand Canyon when President Johnson signed legislation prohibiting the construction of any dam that would result in flooding the canyon.* ♦ (Rated M-S) *Leader: Bob Madsen. Price: \$330; Dep: \$50. [92434]*

**Note:** See Alaska, family, and Hawaii trips for other backpack outings.

## Conservation Challenge

**America's Tropical Paradise, Virgin Islands Park, Virgin Islands — March 22-28.** Much of the island of St. John and the coral reefs in the surrounding sea make up Virgin Islands National Park. We will stay in rustic, beachfront cottages on the north shore, where opportunities abound for snorkeling, hiking, and sunbathing. In our rented vehicles we'll explore the delightful town of Cruz Bay and visit some out-of-the-way places. Leader approval required. ♦ *The Sierra Club and local conservationists are concerned about a planned \$100 million development of Salt River Bay, a pristine estuary on St. Croix, and the last undisturbed ecosystem of its kind.* ♦ *Leader: Jim Absher. Price: \$570; Dep: \$100.* [91055]

**East Mojave Scenic Area, California — March 24-31.** The beauties of the California desert are most splendid in spring — the ideal time to visit the region proposed as Mojave National Park. From our 5,600-foot camp, we'll take leisurely to moderate dayhikes to view canyons, 600-foot high sand dunes, cinder cones, volcanic spires, and ancient cultural sites. Leader approval required. *Leader: Rose Certini. Price: \$410; Dep: \$50.* [91057]

**Anza-Borrego Natural History, Anza-Borrego Park, California — March 31-April 6.** Enjoy easy-to-moderate dayhikes in California's largest state park, where we'll marvel at spring wildflowers and the varied scenery — mountains, desert, and an inland sea. We will be accompanied by a naturalist who is also an expert in geology and climatology. At night, we'll view the constellations through a telescope. Leader approval required. *Leader: Alan Stahler. Price: \$420; Dep: \$50.* [91058]

## sierra club outings 1991

# BASE CAMP

**B**ase-camp trips offer access to the backcountry, plenty of free time, and excellent food — all without hiking into camp with a heavy backpack. ♦ How do we do it? Typically, our pack animals carry 25 pounds of gear per person and all group food and equipment to a leader-selected camp between two and 12 miles from the trailhead. You need carry only your camera, water, lunch, and raingear. ♦ After delivering the gear, the pack stock returns to civilization for a week while you enjoy, at your own pace, the peace and serenity of the wilderness. You assist with meal preparation but are otherwise free to dayhike or, on some trips, go with a leader on a short overnight backpack. ♦ Base-camp trips are ideal for families and for people who want time to explore the wilderness at a leisurely pace. Leader approval is required for some base-camp trips; this is noted in the trip description.

**America's Tropical Paradise, Virgin Islands Park, Virgin Islands — April 14-20.** See description for trip #91055 above. *Leader: Ray Abercrombie. Price: \$570; Dep: \$100.* [91060]

**Havasu Canyon, Grand Canyon, Arizona — April 14-21.** Havasu Canyon is on the remote and beautiful Havasupai Reservation in western Grand Canyon country. Horses will carry our duffel bags, food, and commis-

sary equipment to a base camp located between two grand waterfalls, Havasu and Mooney. We'll spend our days hiking or swimming in the pools below the falls. Our last night will be at Indian Lodge in Supai village. *Leader: John Malarkey. Price: \$560; Dep: \$100.* [91061]

**Oak Creek Canyon and Sedona: Red Rock Country in Arizona — April 28-May 5.** Come enjoy leisurely dayhikes amidst soaring red

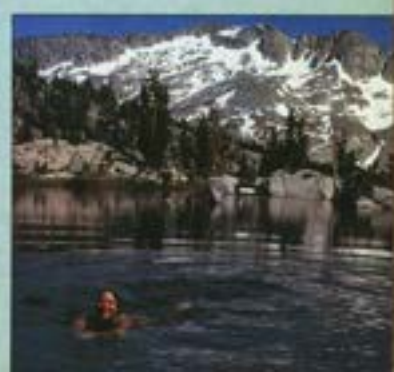
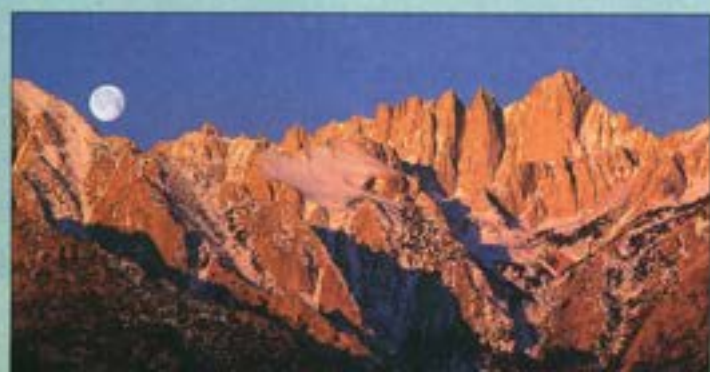
sandstone buttes and mesas in evergreen forests. We'll view ancient Indian habitats, photograph desert wildflowers, and on our last day go to either the Grand Canyon or Sedona. Our first-class accommodations will be in resort townhouses in Oak Creek Canyon. We can dine out or prepare our own meals. Two group dinners are included in the trip price. *Leader: Ben Cohn. Price: \$375; Dep: \$50.* [91062]

**Spring in Canada's Coast Mountain Wilderness, Tweedsmuir Park, British Columbia — May 27-June 2.** Daily excursions into the wilderness of British Columbia's largest park are followed by fine dining and relaxation before the fireplace in historic Tweedsmuir Lodge. While mountains and glaciers above us are still shrouded in snow, we will probe the pockets of new life below as bald eagles reclaim their nests and orchids thrust their gaudy slippers through the moss-carpeted forest floor. *Leaders: Katie Hayhurst and Dennis Kuch. Price: \$1,340; Dep: \$200.* [91219]

**Pecos Wilderness High Country, New Mexico — June 22-29.** Vegetarian food is featured on our trip to New Mexico's high mountains, where elk and bighorn sheep abound and the vast alpine meadows are ablaze with wildflowers. After a 12-mile, 2,300-foot climb to our timberline camp at nearly 12,000 feet, we'll explore the snowy peaks, treeless ridges, and glacial ponds of this magnificent wilderness. Leader approval required. *Leaders: Dana Densmore and Bill Donahue. Price: \$655; Dep: \$100.* [91220]

*Clockwise from top: Deer Creek, Lassen National Forest, California; John Muir Wilderness, Sierra; Mt. Whitney, Sequoia National Park, Sierra; sand-verbena*





# BASE CAMP

## Vandenburg Lake, Sierra Forest, Sierra — July 6-14.

The western portion of the Ansel Adams Wilderness contains numerous lakes that can be visited from our camp at 8,800 feet, and several peaks may draw our attention. Swimming, fishing, leisurely to strenuous dayhikes, and relaxation will be our routine. Choose open forest or High Sierra rock for the day's activity, then return to camp for scrumptuous cuisine. Leader approval required. *Leader: Bob Maynard. Price: \$540; Dep: \$100. [91221]*

## Conservation Victory

**Stehekin Valley, North Cascades, Washington — July 7-13.** The Enchanted Valley is reached by a 50-mile ferry ride up Lake Chelan, a 6,000-foot rift in the North Cascades. Based at rustic cabins on the Courtney Ranch, we'll enjoy delicious homemade meals and take dayhikes — both easy and strenuous — to Cascade Pass, Rainbow Creek, and the Chelan Lakeshore Trail. This trip is suitable for families, couples, and singles of all ages. ♦ *In 1963 the Sierra Club, working with the North Cascades Conservation Council, undertook a major effort to help establish North Cascades National Park. The Club published a book, produced a film, and ran many outings to raise public awareness. ♦ Leaders: Marilyn and Bill Gifford. Price: \$680; Dep: \$100. [91222]*

**Donner Pass Art, Hiking, and High Living, Tahoe Forest, Sierra — July 28-August 3.** Be good to yourself: Take easy hikes along emigrant trails, capture the natural landscape on paper or canvas with the help of an art instructor, or sit back and count birds from the deck of

the Sierra Club's Clair Tappaan lodge near historic Donner Pass. Good vittles. Indoor plumbing. It's the picture-perfect outing. Leader approval required. *Leaders: Helen and Jim Maas. Price: \$355; Dep: \$50. [91223]*

**Canada's Coast Mountain Wilderness, Tweedsmuir Park, British Columbia — July 29-August 4.** Daily excursions into the wilderness of British Columbia's least-known park are followed by fine dining and relaxation before the fireplace in historic Tweedsmuir Lodge. Educational journeys into the natural and cultural history of this

“ THIS IS  
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—John Muir, *John of the Mountains*, 1938

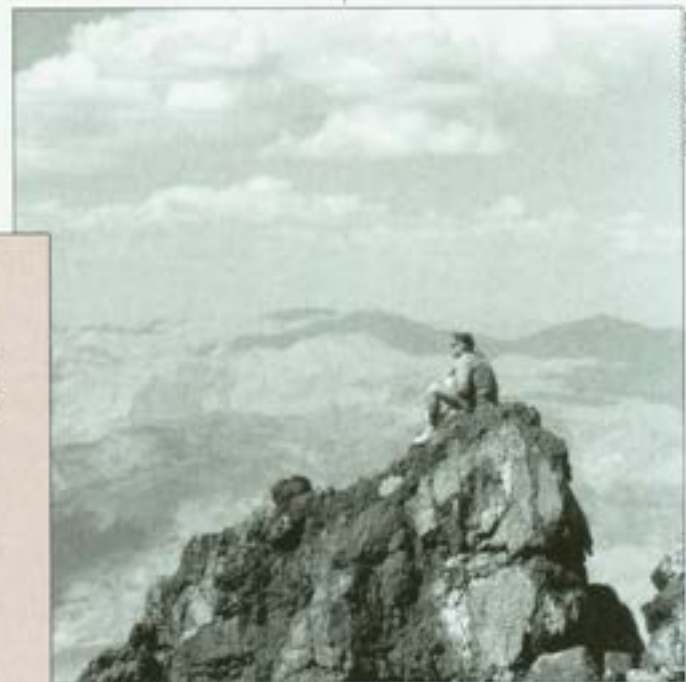
fascinating area, our hikes range from seacoast forest to alpine meadows, and feature Indian petroglyphs, bald eagles, and salmon. *Leaders: Katie Hayhurst and Dennis Kuch. Price: \$1,340; Dep: \$200. [91224]*

**Pioneer Basin, John Muir Wilderness, Sierra — August 4-13.** Our 10,600-foot-high camp lies near timberline and is surrounded by Hopkins, Huntington, Stanford, and Crocker peaks. To the south, past rushing Mono Creek, lie

Mono Divide and the glacial recesses. We'll climb peaks, swim alpine lakes, identify flowers, fish for trout, hike recesses, and photograph the alpenglow. Our trail from Rock Creek climbs 2,600 feet and drops 2,000 feet in ten miles. Leader approval required. *Leaders: Sue Estey and John Esterl. Price: \$815; Dep: \$100. [91225]*

**Canyon de Chelly Monument, Arizona — September 7-14.** Spend a week on the Navajo Reservation (6,000

feet), experiencing Navajo culture and history. We'll investigate the canyon's geology, and visit archaeological sites in the company of an anthropologist, including Anasazi, Hopi, and Navajo dwellings and rock art. Expect light hiking, with some rocky scrambles and sand. Our longest hike is ten miles and highest elevation gain, 1,000 feet. For individuals and families with children eight and older. Leader approval required. *Leader: Carol Baker. Price: \$520; Dep: \$100. [91226]*



HUBERT SMITH



## Conservation Victory

**Stehkin Valley, North Cascades, Washington — September 8-14.** See description for trip #91222 above. ♦ **North Cascades National Park was established in 1968, covering an area smaller than what had been envisioned by the Sierra Club in its 1963 proposal. Subsequent efforts have brought nearly all the areas in the original plan under protection.** ♦ **Leader: Carolyn Castleman. Price: \$680; Dep: \$100. [91227]**

**Havasu Canyon, Grand Canyon, Arizona — October 6-12.** The brilliant reds, blues, and greens of Havasu Canyon and the turquoise waters of Havasu Creek await us on a variety of dayhikes in the Havasupai Indian Reservation. This is one of the few spots on Earth with an unforgettable visual impact. Horses will take our personal gear and supplies to our campground about nine miles upstream from the mighty Colorado River. Leader approval required. **Leader: Arthur C. Burrows. Price: \$485; Dep: \$50. [92436]**

**Top: Saline Valley from Inyo Crest, Sierra; Canyon de Chelly, Arizona**

**Canyon Country Photo Trek, Arches Park, Utah — October 13-19.** Capture the essence of 10 million years of natural beauty with our special guest, nationally known photographer Willie Allen. From our campsite in Arches National Park we will hike and photograph in Canyonlands National Park as well as in Dead Horse Point State Park with its breathtaking viewpoints. Prior camera experience is not necessary; our hiking will be leisurely to moderate. Nonphotographers are welcome. **Leader: Carolyn Castleman. Price: \$460; Dep: \$50. [92437]**

**Great Smoky Mountains Park, Tennessee and North Carolina — October 20-26.** The forests will be ablaze with fall colors as we explore the flora and fauna of this mountain range on easy or more strenuous dayhikes. Highlights include Mt. LeConte, Ramsey Cascades, Gregory Bald, Abrams Falls, Mt. Sterling, and the Appalachian Trail. Our camps will be at Cades Cove, Tennessee, and at Cataloochee, North Carolina. **Leader: Mark L. Lidd. Price: \$335; Dep: \$50. [92463]**

**Note:** See Alaska, Family, Hawaii, and water trips for other base-camp outings.



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SUPPORTING	<input type="checkbox"/> \$50	<input type="checkbox"/> \$58	SENIOR	<input type="checkbox"/> \$15 <input type="checkbox"/> \$23
CONTRIBUTING	<input type="checkbox"/> \$100 <input type="checkbox"/> \$108		STUDENT	<input type="checkbox"/> \$15 <input type="checkbox"/> \$23

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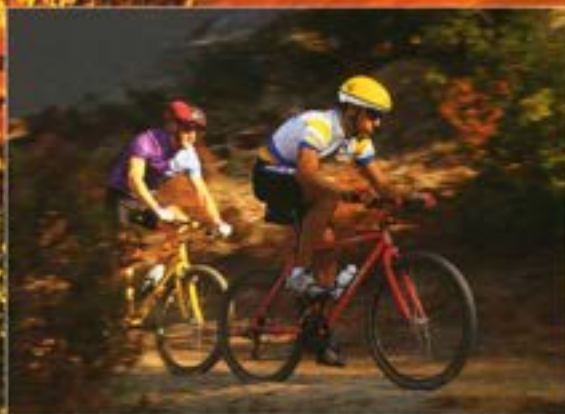
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Terms and Conditions: Outing Gift Certificates are issued for dollar amounts only, not for specific trips. ♦ The minimum amount for a gift certificate is \$50. ♦ Persons applying for a trip with a certificate are subject to regular application and leader approval procedures. Once a gift certificate is applied to a trip, the reservation and cancellation policy will apply. ♦ Refunds to the recipient for the amount of a gift certificate will be issued on request. A handling charge of \$20 will be deducted from the refund amount.



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**Beaches to Pines Bike Tour, San Diego, California** — May 5-12. Springtime in San Diego offers bicyclists the best in colorful and diverse scenery. On this 250-mile journey, we'll cruise along golden beaches and lush river valleys, glide down oak-canopied roads and meander through fields of colorful wildflowers and rustic backcountry. Two layover days will allow us to explore mountain hamlets and old mines, visit the world-famous Palomar Observatory, or simply relax among tall pines. *Leaders: Debbie and Wayne Sakarias. Price: \$280; Dep: \$50. [91232]*

#### **Conservation Victory**

**Coastal Redwoods to the Golden Gate, California** — May 18-25. Experience rugged ocean landscapes and towering redwoods on our ride from Eureka down northern California's Route #1. The Golden Gate Bridge and San Francisco are our goals as we feel the wind and fog and soak up sun along the way. Our ride has some long distances and challenging portions. We'll camp in scenic state parks, and a sag wagon will provide support. ♦ *In 1973 the Sierra Club Legal Defense Fund filed suit to force the Park Service to protect Redwood National Park from outside threats. Five years later, due in large part to the litigation and public outcry, Congress doubled the size of the park. ♦ Leader: Charles W. Hardy. Price: \$460; Dep: \$50. [91067]*

**Southern Oregon Coast** — June 9-15. With daily rides of 25 to 50 miles, we'll cycle southern Oregon's scenic coastal highway from Florence almost to the California border, exploring beaches, dunes, tidelands, and headlands. Each night we'll stop at a state campground with showers. A sag wagon will transport community and personal gear. The trip will begin

## **sierra club outings 1991**

# **BICYCLE**

**B**icycling puts you closely in touch with your natural surroundings and covers much more country than hiking. Ample time is included for swimming, hiking, and sightseeing. ♦ Unless noted, trips are self-contained (no sag wagons), so participants carry all gear on their bikes and buy groceries daily. ♦ Terrain and distance variations require different levels of skill and physical conditioning. Leader approval is required for all bicycle trips.



*Beef Basin, Utah*

JENNY HAGERALPINE IMAGES

and end in Eugene. *Leader: Peter Bengtson. Price: \$520; Dep: \$100. [91233]*

**Finger Lakes Tour, New York** — July 7-13. From gorges and glens to waterfalls and wineries, our bikes will carry us from "far above Cayuga's waters" to the depths of the canyon at Letchworth Park. Touring the western Finger Lakes region, our daily trips of varying distances (45-mile average) will include valleys and hills and end at different scenic campgrounds each night. A sag wagon will transport community and personal gear. *Leaders: Maggie Seeger and Phil Titus. Price: \$395; Dep: \$50. [91234]*

**Mountain Biking in New York's Adirondack Park** — August 4-9. Exciting mountain biking awaits you in the wilderness forests of 6-million-acre Adirondack State Park. We'll head cross-country over a network of old logging roads, snowmobile trails, and dirt roads, averaging 15 to 25 miles a day with time for hikes and swimming. Nights will be spent at a remote log cabin, two inns, and lake and brookside campsites. This is a challenging trip, but appropriate for all levels of bikers. A sag wagon will be used. *Leader: John Borel. Price: \$570; Dep: \$100. [91235]*

#### **Conservation Challenge**

**Central and Southern Vermont** — August 11-17. Starting from the shores of Lake Champlain, we will cycle through rolling countryside dotted with farms, woodlands, quaint New England villages, and covered bridges. Each night will be spent at a picturesque campground. Moderate mileage allows time for swimming and sightseeing; options for longer distances will be available for the more ambitious cyclists. A sag wagon will transport our equipment to each night's campsite. ♦ *Because of a downturn in the*

# BICYCLE

timber industry, millions of acres of private timberland are coming on the market in the East. The Sierra Club recognizes this as a unique opportunity to establish new public lands in a heavily populated region. ♦ Leader: Frank J. Traficante. Price: \$365; Dep: \$50. [91236]

**San Juan Islands, Washington — August 11-17.** Bicycling is a great way to tour these islands. We will camp on San Juan, Orcas, and Lopez islands; and explore the roads, parks, coastal scenery, and small towns. There will be a sag wagon, and Washington State ferries will take us from island to island. A variety of ride options, both long and short, are planned. On our three moving days, we'll have to cycle about 20 miles. Leader: Peter Bengtson. Price: \$410; Dep: \$50. [91237]

## Conservation Victory

**Lobsters and More: Exploring Acadia Park, Maine — August 17-24.** Mt. Desert Island: where Maine coastal forest meets the wild, rocky shore! Finish the summer with biking, hiking, and canoeing throughout Acadia. We'll cycle from our base camp each day to enjoy panoramic views from mountaintops, as well as coastal villages, offshore islands, and the changing world of tidal zones. One day we'll have the option of sea-kayaking along the scenic coast with a registered Maine guide. Expect delightful camp cookery. ♦ *In the mid-1970s the Sierra Club and its New England Chapter successfully*

**GIVE THE GIFT OF WILDERNESS, WITH A SIERRA CLUB OUTING GIFT CERTIFICATE. SEE PAGE 75 FOR DETAILS.**

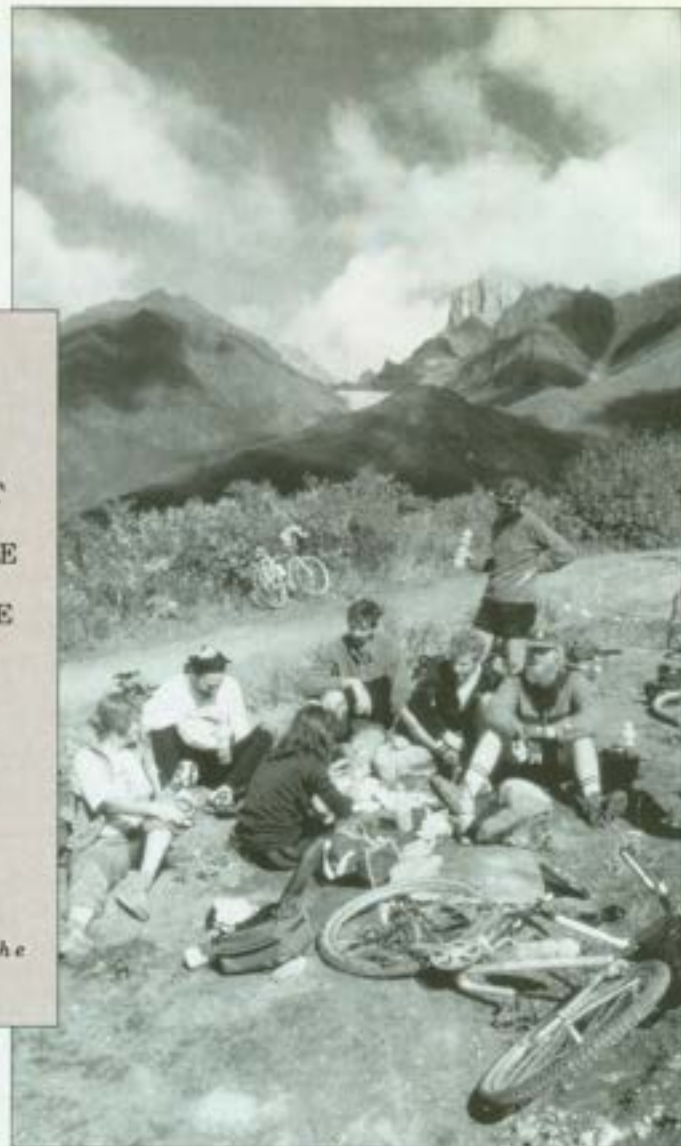
*opposed a draft master plan that would have frozen Acadia National Park in its boundaries.* ♦ Leader: Colleen Lineberry. Price: \$440; Dep: \$50. [91238]

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MATTERS BUT LITTLE  
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WAYS SEEMS THE  
BEST. ”

— John Muir, *John of the Mountains*, 1938

**Lake Placid Circuit, Adirondack Park, New York — August 18-24.** Tour the 6-million-acre Adirondack Park, circling the spectacular High Peaks region. Our average 35-mile-a-day pace will allow time for swimming in pure mountain lakes and shopping in unique hamlets and villages. A layover day in the Lake Placid-High Peaks area lets us go sightseeing in the Olympic Village or hiking in the mountains. A sag wagon will transport all gear and provide support for three nights of tenting. Leader: Maurice R. Rivard. Price: \$660; Dep: \$100. [91239]

**Down East by Bicycle, Maine — August 25-September 1.** Maine's Down East has coastal scenery unmatched anywhere in the United States. Cycling along



Wrangell-St. Elias Park, Alaska

this wonderful, rocky coast from Acadia National Park on Mt. Desert Island to Eastport makes for an ideal bicycle tour. We'll visit Great Wass Island, Campobello, and observe the highest tides in the world. Expect a lobster feed and other seafood delights on the menu. Lodging will be in campgrounds and state parks with hot showers. For beginning as well as advanced cyclists. Leaders: Bob Anderson and Maggie Seeger. Price: \$400; Dep: \$50. [91240]

**Cycling the Eastern Shore, Maryland — October 6-13.** Leaving the shores of majestic Chesapeake Bay, our moder-

ate, self-contained bike tour will explore the heart of Maryland's Eastern Shore. Highlights include Assateague Island National Seashore, Blackwater and Chincoteague National Wildlife refuges, Tangier Island, and the historic waterfront towns of Cambridge, Crisfield, and St. Michaels. Our accommodations will be at scenic state park and private campgrounds, and we will purchase our food en route. Leader: Glenn Gary Gillis. Price: \$335; Dep: \$50. [92439]

**Note:** See Alaska, Foreign, and Hawaii trips for other bicycle outings.

# BURRO

**T**he friendliest and gentlest of pack animals, burros are your companions on these wilderness outings.

Suitable for novice camper or seasoned outdoorsperson of any age, a burro trip is truly a different type of outing. ♦ The burros are led by participants and carry most of the load. Everyone takes part in the trip activities, including burro care and wrangling, as well as cooking and dishwashing. ♦ Most routes are at high elevations (8,000 to 12,000 feet), and a typical day covers distances between five to 10 miles. Participants must be in good physical condition. Leader approval is required for all burro trips.

will be several lakes along the way. *Leader: Robin Spencer. Price: \$520; Dep: \$100. [91246]*

**Lillian and Rainbow Lakes Family Trip, Minarets Wilderness, Sierra** — August 11-18. Nestled

below Sing and Gale peaks, the subalpine basin of Lillian and Rainbow lakes contains more than a dozen lakes, many of which we will visit. Ideal for swimming and fishing, they are an excellent setting for family activities or anyone seeking adventure. This is a moderate trip with everything from alpine peaks to dense forests. *Leader: Dan Holmes. Price: adult \$525, child \$350; Dep: \$100 per family. [91247]*

**In the Shadow of the Ritter Range, Minarets Wilderness, Sierra** — August 18-25. This trans-Sierra trek is along the North Fork of the San Joaquin River. We'll pass by such interesting places as Hemlock Crossing, Granite Stairway, Iron Creek, and through incredible red fir forests. This is a grand opportunity to do some real hiking and enjoy the variety of the High Sierra. This is a moderately difficult trip, suitable for most people who like to hike, thanks to our burro assistants. *Leader: Rich Hamstra. Price: \$520; Dep: \$100. [91248]*

**Cora Lakes Family Trip, Ansel Adams Wilderness, Sierra** — July 28-August 4. This moderate trip offers a wonderful wilderness experience for families. With the help of our friendly burro companions, we will hike through forest and meadows to visit Cora Lakes (8,400 feet), Sadler Lake (9,345 feet), and other alpine lakes near the southeastern border of Yosemite. On layover days we will have plenty of time to relax in camp, dayhike, photograph, or swim and explore the beautiful lakes, which offer excellent trout fishing. *Leader: Sarojini Dayaneni. Price: adult \$525, child \$350; Dep: \$100 per family. [91245]*

**Post Peak Pass, Yosemite Park, Sierra** — August 4-11. Beginning in the Sierra Forest, our trip crosses in and out of Yosemite National Park via Isberg and Post Peak passes. A moderate trip with spectacular alpine scenery, this outing is suitable for any physically fit person seeking an experience in the outdoors with our amazing burros. There



Approaching Merton Meadows, Sierra

**Havasupai Canyon Backpack, Grand Canyon, Arizona — June 9-15.** The Havasupai Reservation contains a hidden paradise, a desert oasis called Havasu Creek with turquoise-blue pools and roaring waterfalls. Starting our hike at Hualapai Hilltop, we will descend 2,700 feet to our base camp on the banks of Havasu Creek. Family fun, hiking, swimming, and relaxation will be ours to enjoy in this Grand Canyon Shangri-la. Suitable for children eight years and older. *Leaders: Beth and Bob Flores. Price: adult \$485, child \$325; Dep: \$100 per family.* [91253]

**Donner Pass Discovery, Tahoe Forest, Sierra — June 23-29.** The Sierra Club's own Clair Tappaan Lodge provides the ideal location for family excursions to the many interesting natural and cultural features around Lake Tahoe. We'll take advantage of nearby hiking trails, lakes, streams, and the historic Donner Pass with half- to full-day hikes, returning to the lodge for meals and relaxing at the fireplace or in the spa. Suitable for children five years and older. *Leaders: Jennifer and Ron Taddei. Price: adult \$295, child \$195; Dep: \$100 per family.* [91254]

#### Conservation Challenge

**Three Forks Basin Backpack, South San Juan Wilderness, Colorado — June 30-July 6.** With high trailheads, this remote wilderness is easily accessible to beginners. Sparkling rivers and lakes, excellent fishing, abundant wildflowers, wildlife, and varied geology make this area fascinating for young hikers. Expect a leisurely pace, short backpacking distances, and three lay-over days. There is no age limit; adults will be expected to help with younger children. ♦ *A valley threat-*

## sierra club outings 1991

# FAMILY

**O**ur goal is for families to enjoy the outdoors together. We introduce families to the joys of camping in a cooperative atmosphere, allowing children to experience the fun of outdoor living with others their age. Everyone shares camp chores, outdoor skills, and knowledge about the area's plants, animals, and ecology. In addition to two-parent families, we welcome single parents, grandparents, or aunts and uncles. ♦ The style of camping varies. On some trips pack animals transport food, dunnage, and equipment from roadhead to camp; on others we drive to our campsite and take daily hikes from there. Sometimes we stay in lodges. In all cases the surrounding wilderness offers opportunities for outdoor enjoyment: Nature study, hiking, swimming, and fishing are typical. ♦ Leader approval is required for all family trips. Before you choose a trip, read the trip description and brochure carefully. There are different levels of difficulty and sometimes restrictions based on age or experience. General good health is necessary, and some physical conditioning is advisable. ♦ Families going into high country should acclimate for a day at high altitude before the trip.

*ened by development near the South San Juan Wilderness is the only area in the Southern Rockies suitable for reintroduction of the grizzly bear.* ♦ *Leader: John Lemon Sellers. Price: adult \$260, child \$175; Dep: \$100 per family.* [91255]

**Hiking Among Redwoods, Big Basin Park, Santa Cruz Mountains, California — July 13-19.** Big Basin Park, just 80 miles south of San Francisco, will be the site of our base camp, providing us with ample opportunities to hike among the redwoods,

visit waterfalls and a nature center, and explore the surrounding region, including a quaint town where we'll ride a narrow-gauge train. We will also visit Pigeon Point Lighthouse and a coastal mammal reserve. Appropriate for children six and older. *Leader: Susan George. Price: adult \$285, child \$195; Dep: \$100 per family.* [91256]

**Finger Lakes Toddler Tromp, Finger Lakes Forest, New York — July 14-20.** Bring your family and camp with us in a campground that the Sierra Club helped save! We will spend our days touring the Finger Lakes region by passenger van, taking photos, hiking, swimming, and picnicking. We will explore many unique gorges and waterfalls carved by glaciers. Evenings will be spent enjoying camp life. *Leaders: Valerie and Larry White. Price: adult \$360, child \$250; Dep: \$100 per family.* [91257]

**Emily Lake and the Minarets, Ansel Adams Wilderness, Sierra — August 3-10.** This is a perfect trip for families with children eight years and older. We'll camp at Emily Lake (9,800 feet) near the John Muir Trail in the breathtaking Minarets, spending our time hiking, fishing, swimming, and peakbagging. The hike from our trailhead (Devil's Postpile) is long and challenging, with a 2,000-foot elevation gain, but the views will make it all worthwhile. *Leaders: Donna Wells and Tom Carlyle. Price: adult \$495, child \$330; Dep: \$100 per family.* [91258]

**Emerald Lakes Basin, John Muir Wilderness, Sierra — August 4-10.** This trip for families with children six and older will start from Sabrina Lake (9,000 feet) and climb about 1,500 feet in five miles to the Sabrina Basin, which is festooned with



meadows, lakes, and snowy peaks. Trip participants' daily activities will range from dayhikes to the area's many lakes, peaks, and ridges around Mt. Darwin, to relaxing and napping in camp. *Leaders: Ellen and Jim Absher. Price: adult \$380, child \$255; Dep: \$100 per family.* [91259]

### Conservation Challenge

**Stehekin Valley, North Cascades, Washington — August 4-10.** Surrounded by national forests and mountainous North Cascades National Park, the Stehekin Valley is a morning's ferry ride up Lake Chelan. Hikes for all ages are planned along creeks and up to the glaciers at Cascade Pass. At the base of Mt. McGregor is the Courtney Ranch, where we will stay in cabins and enjoy hearty meals. ♦ *In the Northwest, 90% of our ancient forests have been wiped out, and what remains is being cut at a steady rate of several square miles a week.* ♦ *Leaders: Jennifer and Ron Taddei. Price: adult \$500, child \$335; Dep: \$100 per family.* [91260]

**Acadia Toddler Tromp, Mt. Desert Island, Acadia Park, Maine — August 11-17.** From our base camp we'll explore tidepools and hike in a pine forest, along gentle rocky or sandy beaches, and up and down a mountain trail suitable for children. We'll see birds, seals, and possibly even whales in this coastal paradise. Our evenings will include stargazing, marshmallow roasting, singing, and a 'Down East' lobster bake. Activities are planned for family participation and enjoyment. On-trip van transportation is included in the trip price. *Leader: Ginny Coombs. Price: adult \$455, child \$295; Dep: \$100 per family.* [91261]

**Glacier Divide, John Muir Wilderness, Sierra Forest, Sierra — August 17-24.** Want to fish, hike, swim, bag a peak, or just lie around in camp? This trip, suitable for children six and older who can make the walk, starts from a 9,000-foot trailhead at Lake Sabrina and climbs 3,000 feet in seven miles to the Glacier Divide area in Humphreys Basin. Here we'll enjoy the many lakes, snowy peaks, and glaciers on daily ventures ranging from short hikes to climbs around Muriel Peak and Mt. Goethe. *Leader: Carol Baker. Price: adult \$490, child \$330; Dep: \$100 per family.* [91262]

### Conservation Challenge

**Tuolumne Toddler Tromp, Yosemite Park, Sierra — September 8-14.** Our base in Yosemite's high country (9,000 feet) offers a wide range of activities perfect for families with toddlers. We'll boat across Saddlebag Lake, picnic at Tenaya Beach, hike along the Tuolumne River, scramble on tot-sized granite domes, enjoy ranger talks, and tell tales around the campfire. Our last night will be spent at a camp at May Lake. ♦ *A new contract for concessionaire operations in Yosemite Park will be up for bid soon. The Sierra Club wants the new contract to require adherence to the park's General Management Plan which advocates a more wilderness-oriented approach.* ♦ *Leader: Ellen Andrew-Kasper. Price: adult \$355, child \$235; Dep: \$100 per family.* [91263]

**Note:** See Backpack, Burro, Hawaii, and water trips for other family outings.

*Clockwise from top: Emerald Lake, John Muir Wilderness, Sierra; Yosemite Park, Sierra; in Lundy Canyon, Inyo Forest, Sierra; at the trailhead*





**Alaska — Mt. McKinley (20,320 feet) Saturday, May 5.** Camp was ready — Our leader seems quite serious. I have hoped for this for eight years and now it is happening... **Sunday, May 20.** The wind was fearsome and visibility poor. Huge tongues of spindrift roared up the south face, jetting snowballs up with them. We crawled to the summit...The storm hit just as we approached camp, as if to show anger at being summited. John and I went out and fortified the snow walls in total whiteout and high winds. **Monday, May 21.** So cold sleeping the breath breathed upwards falls back as tiny snow showers on your face...Seems like a lifetime living in these conditions. I have no envy for those heading upward. Still, it is an incredible release to have reached the summit. I threw out a couple of Easter eggs for the mountain gods. *Adrian Crane, Hi-Tec 50 Peaks Diary, May 1990*

## HI-TEC. WHETHER YOU'RE CLIMBING 50 PEAKS, OR JUST ONE.

We challenged British adventurer Adrian Crane to climb the highest peak in each of the 50 states, from Florida's Britton Hill to the top of Mt. McKinley.

And to do it faster than anyone had ever done it before.

We called it the Hi-Tec 50 Peaks. And from this adventure comes a new line of technical boots for the serious outdoor adventurer.

Boots that incorporate the progressive features you'd expect from Hi-Tec. Like advanced space-age materials. Rugged Plasteel hardware. And our famous ABC (Air Ball Concept) Shock Absorption and Motion Control System.

We added a newly redesigned Eco-Tred outsole, for minimal impact on the environment. Our new F.I.T. (Fitted Insole Technology) System. And a host of trail-tested features for superb performance in even the most hostile environment.

The Hi-Tec 50 Peaks Series. Boots so advanced, they may well be the best piece of outdoor equipment you own. Made by people who know that a real hiking boot has to do a lot more than just look good.

And Adrian? Despite a blizzard on Mt. McKinley and white-out conditions on Mt. Hood, he conquered all 50 peaks (over 58 miles of vertical climbing) in just 101 days — smashing the existing record by over two and a half years.

And he did it wearing Hi-Tec boots.  
Of course.



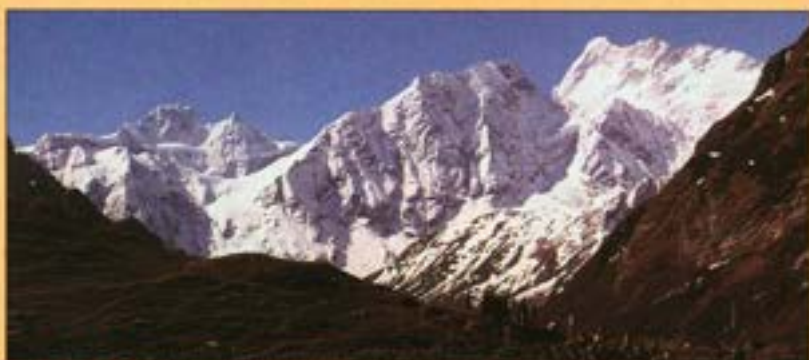
**HI-TEC**

**TESTED TO THE  
ENDS OF THE EARTH**



McKinley

Borah



## AFRICA

**Kenya Game Parks and Preserves; Aardvarks to Zebras — June 24–July 6.** Kenya's extraordinary wildlife is the focus of our African safari. Accompanied by a naturalist, we'll visit a variety of habitats, including Amboseli, Lake Nakuru, Maasai Mara, and more. Guest speakers will treat us to talks on Kenya's history, and we'll visit with the Maasai to learn about their culture. No strenuous hiking is planned. We'll stay in permanent camps or lodges. **Leader: Gary Dillon. Price: \$2,995 (12–15) / \$3,250 (11 or fewer); Dep: \$200. [91827]**

## Conservation Challenge

**Victoria Falls and the Parks of Zimbabwe and Botswana — August 5–19.** We'll marvel at spectacular Victoria Falls and travel to wilderness areas few people have visited. Hwange and Chobe national parks boast some of Africa's largest elephant herds; at Lake Kiriba we'll see numerous species saved by "Operation Noah." Activities include game-viewing from blinds, riding in Land Rovers, and optional walks. Flying between our comfortable camps will eliminate long drives. ♦ **Zimbabwe recognizes the value of wildlife, wants to preserve it, and has been resourceful in attracting the assistance of international conservation groups, including the Sierra Club.** ♦ **Leader: Mary O'Connor. Price: \$3,410 (12–15) / \$3,665 (11 or fewer); Dep: \$200. [91850]**

## ASIA

**Springtime in the Annapurna Sanctuary, Nepal — March 16–April 5.** Rhododendrons in full bloom await us on this 17-day circular trek

*Clockwise from top: jaguar, Belize, Central America; Buddhist shrine, Thailand; Himalayas, Nepal; St. Basil's Church, Moscow*

## sierra club outings 1991

# FOREIGN

**O**n a foreign outing, participants enjoy wilderness adventure travel in some of the most exotic locations on Earth. A foreign trip is also a culturally rewarding experience: Participants meet local people, enjoy their cuisine, and learn to appreciate their customs and traditions. ♦ Foreign trips can be physically demanding or quite leisurely. On some trips participants camp in remote areas; on others their accommodations are guest houses or comfortable and quality-conscious hotels. Be sure to read the trip description and brochure to determine which outing is for you. ♦ Unlike ordinary tour agencies, the Sierra Club seeks to promote an understanding of environmental issues on all its outings. On foreign trips participants often learn about their host country's conservation problems by meeting local environmentalists. Trips are led by experienced and competent leaders who are sensitive to the needs of trip participants as well as to those of the host culture and natural environment. ♦ Leader approval is required for all foreign trips. Foreign trip prices do not include airfare. Please note that foreign trips are tier-priced. For an explanation of tier-pricing, see page 118.

through picturesque Gurung villages en route to the glacier-covered amphitheater of the Annapurna Sanctuary (13,500 feet), where we'll be surrounded by peaks ranging from 20,000 to 26,545 feet.

After trekking to both Annapurna and Machhapuchhare base camps, we'll return via the Ghorapani Ridge, with grand views of Dhaulagiri and adjacent peaks. **Leader: Peter Owens. Price:**

*\$1,565 (13–16) / \$1,720 (12 or fewer); Dep: \$200. [91805]*

**Dhaulagiri Himal: French Col and Hidden Valley, Nepal — April 13–May 9.** This challenging trek will take us through rhododendron forests and cultivated fields to one of the most dramatic and beautiful regions of the Himalaya. From Pokhara, we ascend Mayagdi Khola Valley to Dhaulagiri base camp, over French Col, and into Hidden Valley. One last push takes us over Dhampus Pass to Jomosom. This is a strenuous and rewarding high-altitude trek. **Leader: John DeCock. Price: \$2,365 (10–12) / \$2,590 (9 or fewer); Dep: \$200. [91810]**

**Himalayan Traverse — Zaskar and Ladakh, India — July 8–August 8.** High in the Indian Himalaya on the Tibetan Plateau lie Zaskar and Ladakh — intriguing, remote, and mysterious. Crossing seven major passes in 24 days of trekking, our route will take us from verdant Kulu Valley into Zaskar and Ladakh's arid high-desert country and fascinating Buddhist culture. Our scenic route is never less than 10,000 feet in elevation and reaches 16,700 feet. Gear will be carried by horses. **Leaders: Peter Owens and David Horsley. Price: \$2,415 (13–16) / \$2,630 (12 or fewer); Dep: \$200. [91840]**

## Conservation Challenge

**Rajasthan Desert Kingdoms, India — September 14–October 2.** This trip to the fascinating Indian state of Rajasthan could be your adventure of a lifetime. We'll combine touring with a four-day camel safari across the remote dunes of the Thar Desert. Then we'll visit the cities of enchanting Jaipur and Jodhpur, the desert citadel of Jaisalmer, and the luxurious lake-city of Udaipur. Our trip begins and ends in New Delhi. ♦ **The Sierra Club has repeatedly voiced its opposition to the**

# FOREIGN

**Sardar Sarovar Dam Project, which is expected to cause widespread deforestation, wildlife depletion, and degradation of valuable agricultural land.** ♦  
**Leader: Bob Madsen. Price: \$2,265 (12-15) / \$2,515 (11 or fewer); Dep: \$200. [92501]**

**Happy Birthday, Confucius! China Walking and Study Tour — September 25-October 14.** The focus of our fascinating tour is the celebration of Confucius' 2,542nd birthday in Qufu, his hometown and the center of Confucianism, the heart and soul of Chinese philosophy and culture. We'll also visit the Great Wall and Forbidden City, and have the option to climb Tai Shan, the holiest of mountains. Among many exciting attractions, perhaps what we'll enjoy most are honest, open discussions with the Chinese people — even during today's trying times.  
**Leader: Phil Gowing. Price: \$2,585 (12-15) / \$2,840 (11 or fewer); Dep: \$200. [92505]**

**Annapurna Circuit, Nepal — October 5-31.** Three features make this one of Nepal's finest treks: unsurpassed alpine scenery, 16,000 vertical feet of distinct life zones, and remarkable cultural diversity. In 23 trekking days we will pass sub-tropical jungle, a frozen lake, villages, and two great Himalayan gorges while the 16,000-foot peaks of the Dhaulagiri and Annapurna massifs tower above us.  
**Leader: Jerry Clegg. Price: \$2,040 (12-15) / \$2,250 (11 or fewer); Dep: \$200. [92515]**

**Kangchenjunga: Guardian Spirit of the Great Snows, Nepal — November 4-De-**

**ember 4.** From afar, Kangchenjunga (28,168 feet) resembles a frozen jewel gleaming in bright, cold light. Inaccessible to foreigners for many years, the remote massif offers some of the best trekking in the Himalaya. We'll approach it through rugged canyons knifed by turbulent rivers, dense rhododendron forests, steep ridges, and high yak pastures. Our leisurely paced, moderate trek gives us time to visit villages along the way. We supplement our trip with extensive sightseeing in the fabled Kathmandu Valley.  
**Leader: Patrick Colgan. Price: \$2,405 (12-15) / \$2,640 (11 or fewer); Dep: \$200. [92520]**

**Langtang Holiday Trek, Nepal—December 21, 1991-January 3, 1992.** Just south of the Tibetan border is Nepal's Langtang National Park, site of our trek among high Himalayan peaks (Langtang Lirung is 23,770 feet), deep valleys, glaciers, and Buddhist villages. We'll encounter Tibetans and make friends with our native staff. Our highest camp is at Kyangin *gomba* (12,200 feet). We will also explore the temples, shrines, squares, narrow lanes, and markets of Kathmandu. This mysterious city and our trek make for an unforgettable holiday experience.  
**Leader: Kern Hildebrand. Price: \$1,355 (12-15) / \$1,520 (11 or fewer); Dep: \$200. [92535]**

**A Journey to Thailand: Temples, Hills, and Beaches — February 11-27, 1992.** Thailand is an enchanting Buddhist kingdom with an abundance of attractions: palaces, temples, archaeological wonders, markets, mountains, beaches, and tribal cultures. After experiencing the palaces and temples of Bangkok, we'll head north to Chiang Mai to trek among the hill tribes and stay in their villages. We'll con-



clude our trip in the south, where we'll swim and hike on the islands of Phuket and Phi Phi. **Leader: Wayne Martin. Price: \$2,230 (9-11) / \$2,490 (8 or fewer); Dep: \$200. [92550]**

## EUROPE

**Winter in Austria: Cross-Country Skiing — January 18-February 2.** Our time is divided between Altenmarkt and Oberau, two small villages seldom-visited by Americans. Cross-country tracks literally start at the doors of our cozy family inns; and, as we ski, delightful cafes along the way provide refreshment. Mid-trip we tour Salzburg. Trip price

includes ski equipment, lessons, and extras like a sleigh ride. For all levels of skiers. **Leader: Carol Dienger. Price: \$2,245 (12-15) / \$2,500 (11 or fewer); Dep: \$200. [91791]**

**Walking in the West Country: Dartmoor and Exmoor Parks, England — June 8-22.** Ramble from tiny Exmoor's open moors through deep, wooded valleys to the coast. Follow swift streams down from the bare granite tors of wild Dartmoor. Add the sea views from Cornwall's cliff paths, and you have the best walking in southern England. We'll also visit historic castles,

**FOREIGN TRIP PRICES  
DO NOT INCLUDE  
AIRFARE.**



“ HOW GLORIOUS A GREETING THE SUN GIVES THE MOUNTAINS! TO BEHOLD THIS ALONE IS WORTH THE PAINS OF ANY EXCURSION A THOUSAND TIMES OVER. ”

—John Muir,  
*The Mountains of California*, 1894

tiny old churches, and picture-book villages, and stay in comfortable hotels. Earn your cream teas with moderate walking in rugged country! Our roadhead is Plymouth. *Leader: Robin Brooks. Price: \$2,470 (11-14) / \$2,750 (10 or fewer); Dep: \$200. [91822]*

#### Conservation Victory

**Cycling the Hebrides and Highlands, Scotland — June 28–July 9.** Satisfy your longing to see this ancient and beautiful land by cycling through a representative cross-section of Scotland's western islands and central highlands. We'll travel by ferry to the islands of Arran, Islay, and Skye, train-hop and bike across Highland country to Inverness and Loch Ness, and return to Glasgow traversing lochs and rolling hills. Daily distances will average 25 miles over varied, at times challenging, terrain. Highlights

include castles, deserted beaches, gardens, and waterfalls. A sag wagon will provide support. ♦ *In April 1988 the Sierra Club Foundation presented the John Muir Trust of Scotland with a \$25,000 grant. The Trust is working to educate Scots about the life and philosophy of John Muir. ♦ Leader: John Rogers. Price: \$2,305 (12-15) / \$2,560 (11 or fewer); Dep: \$200. [91828]*

#### Conservation Challenge

**Sleeping Beauty Awakes: A Glimpse of Czechoslovakia — July 8–20.** This 13-day trip to a land of castles, mountains, meadows, and forests combines the exploration of ancient cities and folk culture with dayhikes on rugged wildflower-lined trails in Tatras National Park. Informal visits with concerned citizens will give us insights into local environmental problems. Lodg-

*Clockwise from top left: birdwatching in Costa Rica; Mt. Pumori, Nepal; Maasai villager, Tanzania*

ing will be in comfortable city and resort hotels throughout the country, reached by minibus. ♦ *According to the Czech republic's new environmental minister, the ecological situation in the country is disastrous. Will Czechoslovakia's peaceful political revolution, which brought hope and pride to millions, now help save the environment? ♦ Leader: Diana Bunting. Price: \$2,720 (12-15) / \$2,975 (11 or fewer); Dep: \$200. [91835]*

**Hut-Hopping in Austria, Germany, and Switzerland — July 22–August 3.** We'll spend three or four consecutive days hiking hut-to-hut, out of Scharnitz, Garmisch, and St. Moritz. Our itinerary encompasses some of the best trails, friendliest huts, and finest alpine scenery that each country has to offer. In town, we'll stay in comfortable hotels. The hiking is moderate, averaging about four and a half hours per day; we'll be carrying only personal gear and a share of community lunch. One lay-over day is planned. *Leader: Modesto Piazza. Price: \$2,460 (12-15) / \$2,715 (11 or fewer); Dep: \$200. [91847]*

## LATIN AMERICA

**Sea-Kayaking and Tropical Wildlife, Costa Rica — January 18–26.** Costa Rica is unsurpassed in its wide variety of plants and wildlife. In our kayaks we'll blend with our surroundings as we explore otherwise inaccessible rivers, estuaries, and beaches for great views of monkeys, exotic birds, and turtles. By bus we'll visit the Monteverde Cloud Forest and other wildlife habitats. Basic paddling experience is required. *Leader: Paul Barth. Price: \$1,595 (10-12) / \$1,715 (9 or fewer); Dep: \$200. [91792]*

**Guatemala: Land of Eternal Spring — February 3–17.** Come join us for an exploration of the most fascinating country in Central America. See the charming colonial city of Antigua; beautiful, volcano-rimmed Lake Atitlan; the bustling Indian market at Chichicastenango; and the Cloud Forest Reserve of the resplendent quetzal. Traveling by van, we'll also visit remote highland villages where Mayan people still wear traditional, hand-woven clothing of exquisite design and color. *Leader: Wilbur Mills. Price: \$1,585 (10-12) / \$1,755 (9 or fewer); Dep: \$200. [91793]*

**Belize: Reef and Ruins, Central America — February 16–25.** Using a ranch as our base, we'll explore Belize's lush interior and visit the magnificent ruins of Tikal in neighboring Guatemala. Moving to the Caribbean coast, we'll stay on a palm-studded island near a fascinating barrier reef. There we'll snorkel in crystal-clear water, learn about local conservation issues, and feast on fresh seafood! *Leader: Lola Nelson-Mills. Price: \$1,540 (10-12) / \$1,720 (9 or fewer); Dep: \$200. [91796]*

**Sea-Kayaking and Whale-Watching, Magdalena Bay, Baja California, Mexico — February 17–23.** Spend an idyllic week exploring the wa-

# FOREIGN

ters of Magdalena Bay and the uninhabited shorelines and dunes of the barrier island. Great birding, beachcombing, and whale-watching await our arrival. Suited for the novice and expert paddler, this trip will give us a close-up look at the California gray whales in their winter home. Basic paddling instruction is provided. **Leader: Gary Dillon. Price: \$1,095 (11-14) / \$1,215 (10 or fewer); Dep: \$200. [91798]**

**River Rafting, Jungle, and Beach Adventure, Costa Rica — April 1-8.** With its unmatched ecological diversity, Costa Rica is a natural-history paradise. For three days we'll raft the Pacuare, one of the most beautiful rivers in the tropics, enjoying waterfalls, rapids, and inviting pools. Then we fly to Manuel Antonio National Park, the home of more than 350 bird species, where we'll hike in the rainforests and swim in the nearby Pacific. **Leader: Blaine LeCheminant. Price: \$1,690 (12-15) / \$1,910 (11 or fewer); Dep: \$200. [91808]**

**Sea of Cortez Kayaking, Baja California, Mexico — April 15-21.** Come paddle with us in the blue-green waters surrounding Espíritu Santo Island. We'll visit a sea-lion rookery and explore sandy coves and inlets where the swimming, snorkeling, and fishing are great. Delicious meals, comfortable beach camping, and evenings spent under abundant stars complete this delightful expedition. Novice and experienced kayakers welcome. Airline schedules require arriving in

La Paz a day before the trip and leaving a day after. **Leader: Maggie Seeger. Price: \$1,115 (11-14) / \$1,285 (10 or fewer); Dep: \$200. [91811]**

**Amazon Villages and Machu Picchu, Peru — June 29-July 11.** Begin your Peruvian adventure with a trip up the Amazon River to visit Yarpa Indian villages. With local guides, we'll trek into the rainforest for wildlife observation and visit pristine Devil's Lake. Then we'll fly to Cuzco, spend a day and night in Machu Picchu, and tour the Sacred Valley of the Incas. Our trip concludes in Lima, where we'll visit archaeological museums and Indian marketplaces. **Leader: Sallee Lotz. Price: \$2,810 (12-15) / \$3,065 (11 or fewer); Dep: \$200. [91830]**

**The Magical Galápagos Islands, Ecuador — July 12-25.** This "showcase of evolution" offers the drama of volcanic landscapes and a rare display of fearless wildlife, including iguanas, tortoises, sea lions, and scores of colorful birds. Photographic opportunities are exceptional, and snorkeling is excellent. Motor yachts will be our home as we island-hop throughout the archipelago. On the mainland we'll tour Quito and view Cotopaxi, one of the world's highest active volcanoes. **Leader: Karen Short. Price: \$2,675 (7-9) / \$3,025 (6 or fewer); Dep: \$200. [91845]**

## Conservation Victory

**Brazil's Amazon Basin and Pantanal: Nature's Wonders — September 19-28.** Our adventure begins in Manaus, heart of the Amazon River Basin. Here we'll explore the jungle waterways by canoe and hike on trails to observe the flora. We'll spend a night in Brasilia before continuing to the Pantanal, rich in wildlife

and home to more than 600 species of birds. From our lodge, we'll travel through the area by boat, horseback, and on foot. A highlight is a visit to the nesting place of thousands of birds. Join us for a great South American adventure! ♦ **In a major victory for the Sierra Club in 1989 the World Bank withdrew a proposed \$500 million loan to Brazil that would have led to the construction of 147 dams.** ♦ **Leader: John Garcia. Price: \$2,265 (12-15) / \$2,520 (11 or fewer); Dep: \$200. [91870]**

**River Rafting, Jungle and Beach Adventure, Costa Rica — October 20-26.** Whitewater rapids, deep jungle canyons, and clear, inviting pools are yours to enjoy on an exciting three-day raft trip on the Rio Pacuare. Then we fly to Manuel Antonio National Park for hikes in the rainforest to observe the wildlife. Pacific beaches invite us to sun, swim, and snorkel. In San Jose, we'll visit museums and a nearby volcano. A naturalist will accompany us. **Leader: J. Victor Monke. Price: \$1,835 (12-15) / \$2,075 (11 or fewer); Dep: \$200. [92513]**

**Discover the End of the Earth: Patagonia and Tierra del Fuego, Argentina — November 12-28.** Patagonia, at the southern tip of South America, is a land of wind-swept pampas, jagged Andean peaks, and deep glacial fjords. We'll view southern right whales and Magellan penguins at Peninsula Valdez, marvel at surging Moreno Glacier and the Fitzroy Massif in Glacier National Park, and enjoy birdwatching in Tierra del Fuego, where we'll explore the Beagle Channel by sea kayak or canoe. Dayhikes are leisurely to moderate. Except for three nights of camping, we'll stay in hotels. Small-boat experience required. **Leader: Carol Dienger. Price: \$3,445 (12-15) / \$3,700 (11 or fewer); Dep: \$200. [92525]**

**Thanksgiving in Belize: Reef and Ruins, Central America — November 23-December 2.** Belize is nestled just beneath Mexico, on the Caribbean Sea. Using a rustic ranch in the lush countryside as our base, we will take various day trips, including an overnight journey to Tikal in Guatemala, the grandest Mayan site excavated so far. We will conclude our visit on a Caribbean island, snorkeling in clear waters and feasting on fresh seafood! **Leader: Margie Tomenko. Price: \$1,800 (12-15) / \$2,025 (11 or fewer); Dep: \$200. [92530]**

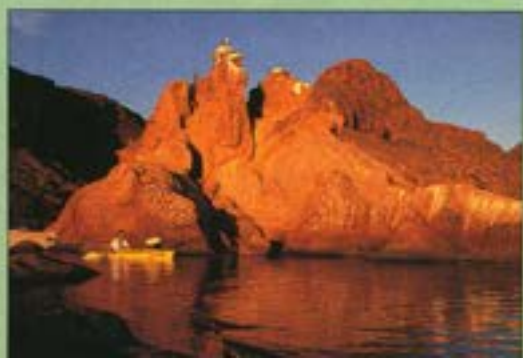
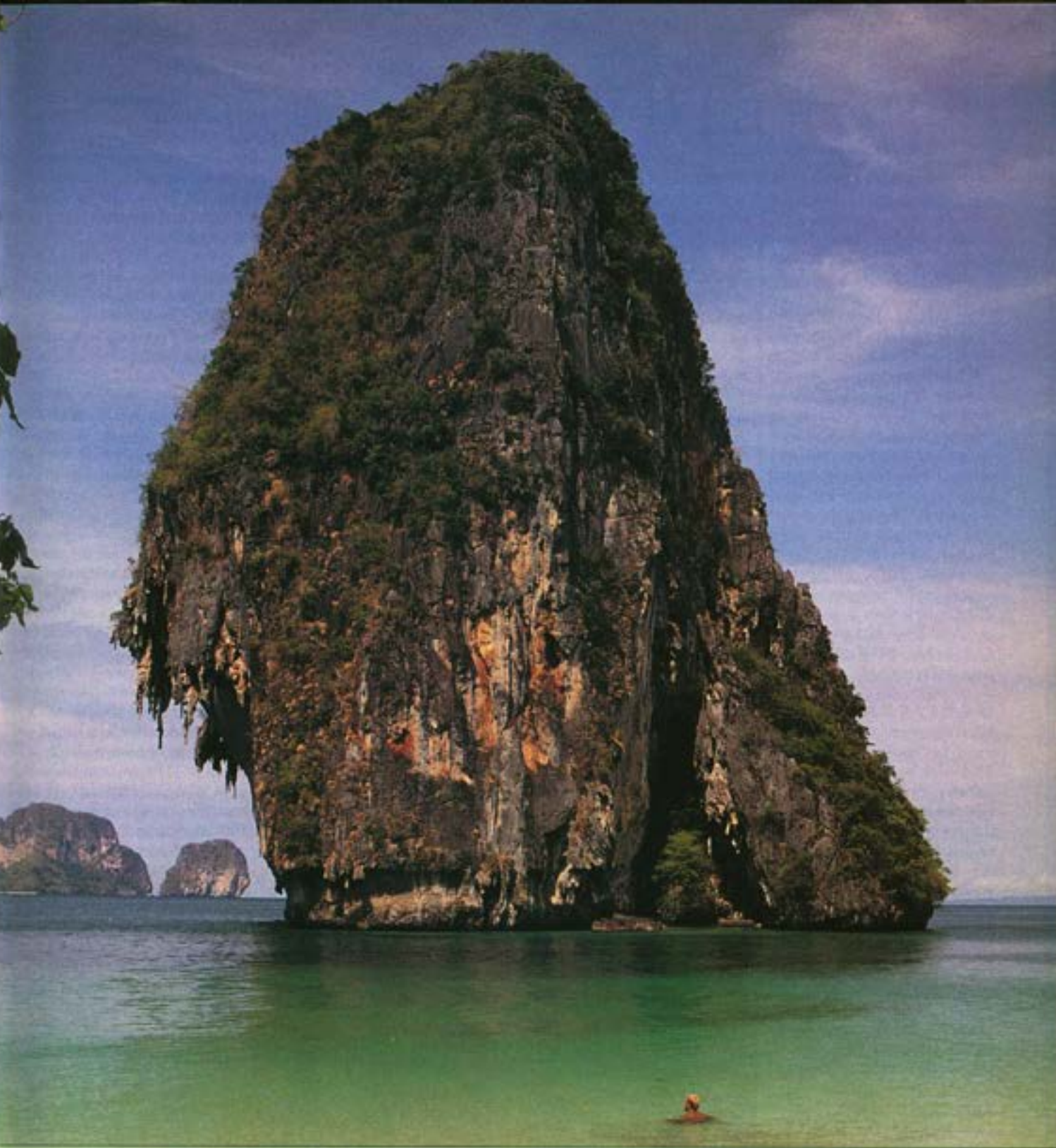
**Holidays in Belize: Reef and Ruins, Central America — December 22-31.** Amidst luxuriant vegetation and a variety of exotic wildlife, we'll spend six days based at a rustic ranch in the interior of Belize, exploring ancient Mayan sites, rafting, swimming, and hiking in the jungle. A highlight will be a visit to the awesome Mayan ruins of Tikal in neighboring Guatemala. We then take a boat to a palm-covered Caribbean island for four days of snorkeling and beachcombing. **Leader: Peter Owens. Price: \$1,800 (12-15) / \$2,025 (11 or fewer); Dep: \$200. [92540]**

**Holiday Kayaking in the Sea of Cortez, Baja California, Mexico — December 23-29.** Espíritu Santo and Partida islands lie in the Gulf of California north of La Paz. We'll explore sandy coves and inlets (excellent fishing and snorkeling), hike hidden canyons, enjoy fascinating geology and desert vegetation, and spend a day visiting Los Islotes, a sea-lion rookery. Beginning to expert paddlers are welcome. Instruction will be

*Clockwise from top: near Phuket Island, Thailand; grey heron; a Nepalese villager; Sea of Cortez, Mexico; a Guatemalan villager; Himalayas, India*

**PLEASE READ THE RESERVATION AND CANCELLATION POLICY ON PAGE 118 BEFORE SENDING IN YOUR APPLICATION.**





# FOREIGN

provided and a support boat will accompany us. Weather may be variable and cool. *Leader: Harry Neal. Price: \$1,220 (11-14) / \$1,300 (10 or fewer); Dep: \$200. [92545]*

**Magdalena Bay Whale-Watching, Baja California, Mexico — February 16-22, 1992.** Imagine yourself in a 12-foot sea kayak paddling in the midst of a pod of California gray whales (some as long as 55 feet) as they play, rest, and calve in their winter home. Explore mangroves and hunt for shells along the dunes and shoreline of the bay's barrier islands. This trip is suited for both novice and expert paddlers. Basic paddling instruction is provided. *Leader: Jon Kangas. Price: \$1,295 (11-14) / \$1,375 (10 or fewer); Dep: \$200. [92555]*

**MEDITERRANEAN Hiking and Island-Hopping in Greece — May 11-26.** Zorba, here we come! From Athens, our exciting journey will take us as far south as Santorini in the Aegean Sea and as far north as Thessaloniki. In between we'll see a wealth of natural beauty, ancient ruins, and a spirited people with a fascinating culture. Travel will be by van, ferry, and on foot. Accommodations will be in hotels or family pensions. *Leader: Carolyn Castleman. Price: \$2,630 (13-16) / \$2,865 (12 or fewer); Dep: \$200. [91815]*

**Egypt and the High Sinai — October 12-26.** Our two-week trip to Egypt includes visits to the great antiquities of the Nile Valley as well as a

trek in the high desert mountains of the Sinai. Highlights include tours of Luxor, Aswan, and the Pyramids; a felucca sail on the Nile; wandering through the Cairo bazaar; snorkeling in the Red Sea; and a tour of Santa Caterina Monastery beneath Mt. Sinai. Bedouin guides and camels will accompany our Sinai trek. *Leader: Ginger Harmon. Price: \$2,465 (12-15) / \$2,715 (11 or fewer); Dep: \$200. [92510]*

**PACIFIC BASIN Hiking New Zealand — February 3-23.** Magnificent scenery and a variety of outdoor activities await the visitor to New Zealand. Beginning in Auckland, we will explore the country's many attractions on our way to Christchurch, including steaming volcanoes, hot mudpools, a glowworm cave, a Maori village, snow-capped mountains, a Kiwi house, Milford Sound, and icy glaciers that extend down into subtropical rainforest. *Leader: Wayne Martin. Price: \$2,690; Dep: \$200. [91795]*

**SOVIET UNION Feel the Winds of Soviet Change — May 12-28.** Witness perestroika in action and Russian history in transition.

In Byelorussia we'll stay with families on collective farms, and we'll visit a proposed national park near Minsk with Soviet environmentalists. Our tour includes a walk in the Carpathian Mountains, sightseeing in the ancient Ukrainian communities of L'vov and Uzhgorod, Leningrad's opulent Hermitage, and Moscow's Kremlin. Evening theater performances will cap the daily drama of Soviet life. *Leader: Bud Bollock. Price: \$2,980 (12-15) / \$3,235 (11 or fewer); Dep: \$200. [91820]*

**Trans-Soviet Adventure — June 17-July 5.** From lakes to mountains, yurts to palaces, cathedrals to mosques, we'll satisfy our curiosity about life in the Soviet Union by sampling its great cultural and geographic diversity. Starting our tour in Moscow, we'll travel to the mountainous regions along the Chinese and Mongolian borders to see Lake Baikal (the world's deepest freshwater lake), alpine Tien Shan, and Lake Issyk-Kul before concluding our trip in magnificent Leningrad. *Leader: Dolph Amster. Price: \$3,450 (12-15) / \$3,705 (11 or fewer); Dep: \$200. [91825]*

**Bike and Hike in the Soviet Union — July 22-August 9.** Our leisurely bicycle tour will explore the wonders of

Siberia's phenomenal Lake Baikal, the largest and deepest freshwater lake in the world. Cycling an average of 40 miles a day, we'll have ample time for hiking and visiting historic and cultural points of interest. We will meet local inhabitants and enjoy their hospitality as well as their arts and crafts, folk dancing, and cuisine. Our itinerary also includes sightseeing in Moscow and Leningrad. *Leader: Frances Colgan. Price: \$3,200 (12-15) / \$3,455 (11 or fewer); Dep: \$200. [91857]*

**Backdoor to the Silk Road, Soviet Union and China — September 19-October 8.** Explore the exotic, ancient, and rarely visited cultures of Dzhabul, Chimkent, and Turkestan on the northern Silk Road that passes through Soviet Kazakhstan. At Alma Ata we'll enjoy hiking through Tien Shan's majestic alpine vistas before we continue across the Chinese frontier to Urumchi on the southern Silk Road route. Kashi's Sunday market, as in caravan days, is dominated by colorful traders from afar. Our gateway to this journey is Moscow, where sightseeing and theater complement our grand adventure. *Leader: Bud Bollock. Price: \$3,245 (12-15) / \$3,500 (11 or fewer); Dep: \$200. [92500]*



Trekkers in Nepal

**TO APPLY FOR A TRIP, USE THE APPLICATION FORM INSERTED BETWEEN PAGES 100 AND 101.**

## Conservation Challenge

**Kilauea Point Wildlife Refuge Habitat Restoration/Kokee Park Mountain Hiking, Kauai — June 16-23.** The Kilauea Point National Wildlife Refuge and Lighthouse are on the rugged coast of Kauai, home to nesting colonies of wedge-tailed shearwaters and red-footed boobies. Our service project will involve habitat restoration of native plants and exotic plant removal. We will also dayhike through the high mountain trails of Kokee State Park to explore the rich bird-life and extraordinary flora. ♦ *Hawaii has the dubious distinction of having more endangered species than any other state. Roughly 90% of Hawaii's plants and animals exist nowhere else.* ♦ *Leaders: Suzanne Ortiz and Steve Griffiths. Price: \$760; Dep: \$100.* [91268]

**Kauai Coastal Wilderness Sea Kayak — June 25-July 1.** Designed for the more capable adventurer, this wilderness kayaking trip down the rugged Na Pali coast of Kauai includes not only open-ocean kayaking, but dayhikes upstream into remote valleys amid old Hawaiian villages. We'll have time for potentially challenging swims, snorkeling, and wave riding. *Leader: Carolyn Braun. Price: \$1,015; Dep: \$200.* [91269]

## Conservation Victory

**Helping Preserve Hawaii's Special Places, Oahu, Molokai, and Maui — June 25-July 4.** Combine work and play, eradicating alien plant species in nature preserves, and finding opportunities to explore unique Hawaiian ecosystems on Oahu, Molokai, and Maui. Work days will be balanced with hikes and sight-seeing led by local leaders. Camp under the stars, enjoy balmy breezes, and experience the real Hawaii. ♦ *In 1990 the federal government began*

## sierra club outings 1991

# HAWAII

**T**he Hawaiian archipelago offers a unique mid-Pacific setting for trips designed to let participants enjoy the natural splendor of the islands as few tourists do. Camp sites are usually in county, state, national, or private parks, often within sight and sound of the Pacific Ocean. ♦ On most trips, travel from camp to camp is by car. All outings include dayhikes, and although there are overnight hikes on some, none are mandatory. ♦ Whether you join a hiking trip or spend a day at the beach is up to you. Leader approval is required for all Hawaii trips.

*to list scores of rare species of Hawaiian plants following a lawsuit brought by the Sierra Club Legal Defense Fund.* ♦ *Leaders: Annette Kaohelauii and Sylv-*

*anne Yee. Price: \$870; Dep: \$100.* [91270]

**Total Solar Eclipse, Volcanoes and Beaches, Hawaii — July 6-14.** Families are

welcome on this Big Island camping adventure. The highlight of our trip will be viewing the total solar eclipse on July 11, weather permitting. Other activities include dayhikes in Hawaii Volcanoes National Park; exploring green, white, and black sand beaches; snorkeling; visiting ancient Hawaiian sites; enjoying cultural activities; and sampling Hawaiian food. *Leaders: Karen and Stan Johnsen. Price: adult \$600, child \$400; Dep: \$100 per family.* [91271]

**Bicycle Tour of Kauai — July 7-21.** Bicycling the Garden Isle of Kauai, we'll see the Hanalei and Hanakapiai valleys, Waimea Canyon, and the Alakai Swamp with five riding days of about 25-40 miles. We'll also visit museums, swim, and hike on eight layover days, camp on the beach, and use cabins at Kokee State Park (3,600 feet). A sag wagon will carry our gear on this moderately difficult trip for the intermediate cyclist. *Leader: John Ruzek. Price: \$1,080; Dep: \$200.* [91272]

## Conservation Challenge

**Big Island Coasts, Hawaii — October 1-12.** On the big island of Hawaii we will explore miles of remote, untouched coastline on two moderate backpack trips. The first will be to the dry and geologically young lava coast of Hawaii Volcanoes National Park. The second will be to the jungle and streams of the lush windward coast. We will visit white and black sand beaches, lava cliffs, and coral coves. ♦ *The Hawaii Chapter of the Sierra Club wants to see a moratorium placed on geothermal development in the Wao Kele O Puna rainforest on Hawaii until the project is proven environmentally sound.* ♦ *Leaders: George Winsley and Lou Wilkinson. Price: \$910; Dep: \$100.* [92451]

**Kalalau Trail, Kauai**





## Conservation Challenge

**Havasupai Reservation, Grand Canyon, Arizona — April 7–12.** On our stock-supported trip, we'll descend 2,500 feet in 11 miles to the remote Havasupai Reservation. Three layover days give us time to hike, explore the reservation, or simply rest and swim at Havasu Falls and pools. We hike back to the roadhead in two days. This trip is ideal for veteran hikers and in-shape beginners. Leader approval required. ♦ *The Sierra Club, along with other conservation groups and the Havasupai Indian Tribe, opposes opening new uranium mines near the Grand Canyon.* ♦ *Leader: Serge Puchert. Price: \$650; Dep: \$100.* [91059]

## Conservation Victory

**Lake Michigan Shoreline Odyssey, Sleeping Bear Dunes Lakeshore, Michigan — June 9–15.** Rich with relics from the past and alive with abundant wildflowers, abandoned South Manitou Island and the Sleeping Bear Dunes area will be the focal points for our outing. We will explore the island and dunes at a deliberate but casual pace, with ample time to photograph and explore the flora, lake vistas, and old homesteads. ♦ *In 1969 the Sierra Club and its Mackinac Chapter expressed concern about legislative delays on bills introduced to protect the lakeshore. The national lakeshore was finally established in 1977.* ♦ *Leader: Jack Thompson. Price: \$360; Dep: \$50.* [91277]

*Clockwise from top: aspen near Oxbow Bend, Wyoming (reprinted from the 1991 Sierra Club Engagement Calendar; to order, use form on page 114); water lilies; Ruby Range, Colorado; Absaroka Wilderness, Wyoming*

## sierra club outings 1991

# HIGHLIGHT

**H**ighlight trips are designed for participants who like to hike and cover a lot of territory without a full pack. ♦ On moving days pack animals carry 25 pounds per person plus all food and equipment from camp to camp. Participants are free to hike to the next camp at their own pace, enjoying unencumbered opportunities to fish, climb, or hike to isolated viewpoints. ♦ On some trips travel from camp to camp is by van, enabling participants to visit a wider range of environments. ♦ Families with children nine or older are welcome. Routes and mileages are within the ability of anyone who has done a reasonable amount of conditioning and acclimatization prior to the trip. ♦ Leader approval is required for some highlight trips; this is noted in the trip description.

**Glacial Basins Route, Inyo Forest, Sierra — July 13–25.** Starting at North Lake, our pack-supported trek traverses the Sierra Nevada Crest through Evolution Basin and its surrounding basins. If you love canyons, alpine meadows, rugged scarps, and lofty peaks, this is the trip for you. Our five layover days allow us to explore Humphreys, Evolution, Ionian, Dusy, and Palisade basins. Our most strenuous day requires hiking 13 miles over impressive, 12,000-foot Muir Pass. The trip ends at South Lake. Leader approval required. *Leader: Len Lewis. Price: \$1,120; Dep: \$200.* [91278]

**Palisade Mountains of Wyoming — July 14–20.** Our seven-day leisure hike with three layover days will allow us to see a most splendid mountain area south of the Tetons that is little visited. The Palisade Mountains abound in elk, deer, and moose, and views stretch a hundred miles at higher elevations. A packer will carry most of our gear so we can fish, take pictures, or hike peaks. Leader approval required. *Leader: Ernie Jackson. Price: \$855; Dep: \$100.* [91279]

**Ansel Adams Wilderness, Yosemite Park, Sierra — July 14–23.** Our 40-mile loop

through this gentle wilderness starts at Granite Creek (7,000 feet) and includes two passes, Isberg (10,560 feet) and Post Peak (10,700 feet). Highlights include Harriet Lake on the southern border of Yosemite and panoramas of Mt. Ritter and the Minarets. Our five moderate hiking days and layovers will provide ample opportunities for peak climbing, fishing, hiking, or relaxing. Leader approval required. *Leader: Richard Terra. Price: \$975; Dep: \$100.* [91280]

**Teton Crest Trail, Grand Teton Park and Targhee Forest, Wyoming — July 28–August 5.** From the Crest Trail we will have breathtaking views of the Grand Teton, and wildflowers should be in full bloom. Our leisurely trip allows ample time for photographers, fishermen, or hikers to pursue individual interests. Our first camp is at the roadhead on Moose Creek. From this beautiful meadow we move every other day, giving us a total of four layover days with our last nights in Alaska Basin. *Leaders: Joanie and Mike Hoffman. Price: \$950; Dep: \$100.* [91282]

**Cirque Crest, Kings Canyon Park, Sierra — July 28–August 7.** Cirque Crest comprises the eastern culminating reefs and tors of the Monarch Divide, the great mountain mass that parts what John Muir called the "southern Yosemite" gorges of the Middle and South forks of the Kings River. Its lakes, meadows, and unforgettable observation points will be our destination on a moderate to strenuous — and lonely — route that begins at Cedar Grove. Leader approval required. *Leader: Jerry Clegg. Price: \$1,085; Dep: \$200.* [91283]

**Sawtooth Wilderness, Idaho — August 8–16.** Protected by Congress in 1972, the Sawtooth Wilderness lies in the central Idaho high country. Here granite mountains touch

# HIGHLIGHT

azure skies and are reflected in gem-blue lakes. Wildlife includes mountain goats, elk, deer, and black bear. We will hike along the Payette and Salmon rivers, through high passes and near trout-filled lakes. On layover days we can relax, swim, fish, or climb some peaks. Leader approval required. *Leader: Modesto Piazza. Price: \$995; Dep: \$100. [91284]*

**Cloud and Deadman Canyons, Kings Canyon Park, Sierra — August 18-29.** Starting at Horse Corral Meadow (7,500 feet), our 55-mile route (eight cross-country) takes us through Deadman and Cloud canyons, below the Great Western Divide in the southern tip of the park. Our moving days vary from seven to 14 miles; on three days we climb more than 2,000 feet. Five layover days allow us to rest and enjoy the scenery. Leader approval required. *Leader: Bruce Gillies. Price: \$925; Dep: \$100. [91285]*

**Seven Gables, John Muir Wilderness, Sierra — September 7-14.** September in the Sierra is a wonderful experience: early fall colors, a nip in the air, and fewer visitors. From Mono Hot Springs we'll explore the beautiful Bear Creek watershed from three camps above 9,500 feet. Our hiking route circles Seven Gables Peak. On layover days we can visit Lake Italy, the Bear Lake basin, and peaks around Selden Pass. Leader approval required. *Leader: Gus and Emily Benner. Price: \$845; Dep: \$100. [91286]*

**GIVE THE GIFT OF WILDERNESS, WITH A SIERRA CLUB OUTING GIFT CERTIFICATE. SEE PAGE 75 FOR DETAILS.**

**Muir Crest Trek, Inyo Forest and Kings Canyon Park, Sierra — September 8-21.** From South Lake our trip proceeds over Bishop Pass (11,920 feet) and descends into the alpine Dusy Basin. We then follow the John Muir Trail to Palisade Lakes and traverse the glacier high country over Mather (12,080 feet), Pinchot (12,100 feet), and Sawmill (11,347 feet) passes. Ample layover days provide opportunities for fishing, relaxation, or further backcountry exploration. Leader approval required. *Leader: Bill Davies. Price: \$1,215; Dep: \$200. [91287]*

**Anasazi Cliff Dwellings, Mountain Ute Indian Reservation and Mesa Verde Park, Colorado — September 29-October 5.** In the remote canyon and mesa backcountry of the reservation we'll hike with Ute Indians and archaeologists to seldom-visited, artifact-rich cliff dwellings. We'll also engage in some nature study (includ-

“ THE DAWN IN THE DRY, WAVERING AIR OF THE DESERT WAS GLORIOUS... THERE WAS NO CLOUD IN THE SKY, NO STORM-TONE IN THE WIND. ”

—John Muir,  
*The Mountains of California, 1894*

ing edible and medicinal plants). Van support and base camps allow us the luxury of fresh food and light daypacks. Ladder climbing, cliff-ledge walking, talus scrambling, and artifact discoveries will all add mystery and adventure to our leisurely to moderate trip. *Leaders: Nancy Walls and Doug Bowman. Price: \$690; Dep: \$100. [92453]*

**Note:** See Alaska, base camp, foreign, and Hawaii trips for other similar outings.



## VAN TRIPS

**Historic Landmarks in the Old South, Louisiana and Mississippi — March 24-30.** Lovers of history can step into the past on this bed-and-breakfast tour of plantations and gardens. Your southern experience begins in the French Quarter of New Orleans, takes you across Louisiana to Natchez, Mississippi, and north to the Civil War battleground of Vicksburg. Accommodations include ante-bellum mansion bedrooms styled in the romantic tradition of the Deep South. There will be ample free time for strolling and biking. *Leader: Bill Carroll. Price: \$820; Dep: \$100. [91056]*

**Wet Canyons of Southeast Utah, Van and Hiking Tour — July 21-27.** Dayhike and swim in the wet wilderness canyons of the Escalante River area. We will enjoy gently flowing streams, potholes, and waterfalls, all sufficiently cool to relieve the

summer heat. These canyons are narrow and intriguing, providing a unique experience for the hiker. We'll climax our moderately paced trip with a hike in the San Rafael Swell. Leader approval required. *Leader: Joe Sinclair. Price: \$750; Dep: \$100. [91281]*

**Thanksgiving in the Desert, Arizona and Mexico — November 22-30.** November is a fine time to enjoy and observe the Sonoran Desert, when the heat of southern Arizona has abated. From Phoenix we will travel to Organ Pipe Cactus National Monument; crossing the border into Mexico for a day to explore the Pinacate region of craters, calderas, cinder cones, and lava flows; then we continue on to the Cabeza Prieta game range. Our dayhikes will be relatively easy and no special skills or conditioning are required. *Leader: John Ricker. Price: \$675; Dep: \$100. [92454]*



Clockwise from top left: organ pipe cactus; Weaver's Needle, Arizona; Escalante River, Utah; elk

## Summer Sierra Club Environmental Workshop ♦ 1991

*Clair Tappaan Lodge in the  
Sierra at Norden, California*

- ♦ Explore diverse habitats
- ♦ Meet experts in the field
- ♦ Special electives to enjoy the environment
- ♦ Focus on current issues affecting the global environment

### **6th Annual Program for Educators**

*Sun. July 7 — Sun. July 14, 1991*

<b>Cost*:</b>	<b>Adults</b>	<b>\$260</b>
	<b>Teens</b>	<b>195</b>
	<b>Children (7—12)</b>	<b>190</b>

*This workshop is designed for environmental education professionals, teachers and their families.*

*\*Cost includes room, board, tuition, insurance, trips, snacks, and special materials and resources.*

#### PRE-REGISTRATION FORM

Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone \_\_\_\_\_

Choice of workshop \_\_\_\_\_

Do you wish teaching credits? \_\_\_\_\_

**Deposit (non-refundable) \$50 / \$10 Late fee after May 1.**

*To register or receive additional information, send to:*

**Sierra Club Workshop, c/o Executive Office**

**Sierra Club, 730 Polk St., San Francisco, CA 94109**

or call:

**Michelle Perrault, Workshop Director, 415-283-6683**

## SERVICE

Combine the satisfaction that comes from doing something positive for the environment with the enjoyment of a backcountry outing. ♦ On most service trips, half the days are left free to enjoy the wilderness. Our trips are fun and spontaneous and the participants energetic and enthusiastic. Work experience is not necessary on any of the trips; we will train you. ♦ Service trip fees are low because the program is subsidized by the National Outing Committee and tax-deductible donations from corporations and individuals. For information on how you can make a donation to the program, see page 99. ♦ Trip sizes range from nine to 25, including leader and cook. All service trips require leader approval and unless indicated otherwise, should be considered moderately strenuous. ♦ If you have been looking for a chance to contribute some time and energy to the wilderness, a service trip is surely the answer.

**Deer Creek Trail Maintenance, Mazatzal Wilderness, Tonto Forest, Arizona — March 10-17.** Escape to spring-like weather while helping to reconstruct a neglected trail in the rugged Mazatzal Mountains. From its source at about 7,000 feet, Deer Creek descends to 4,400 feet where it leaves the wilderness. As we hike down the Deer Creek Trail, we will encounter everything from pine forests to desert cacti. Our project includes clearing brush, removing fallen limbs, and rebuilding trail tread. *Leader: Vance Green. Price: \$130; Dep: \$50. [91072]*

**Chillicut Trail Maintenance, Four Peaks Wilderness, Tonto Forest, Arizona — March 30-April 6.** Our trail follows a riparian corridor to the summit of Buckhorn Mountain. Expect pristine conditions: The Four Peaks Wilderness has been closed to grazing since the 1940s and is currently a natural research area for the study of black bears. We will help maintain the Chillicut Trail by cutting tread, constructing waterbars, and removing brush. *Leader: Jim Vaaler. Price: \$135; Dep: \$50. [91073]*

**Arizona Trail, Tonto Forest, Arizona — March 30-April 7.** High in the Superstition Mountains east of Phoenix, we will work on a historic 1860 miners' route along the Mexico to Utah Trail. We'll backpack three miles to our base camp at 5,200 feet. On free days we'll hike to ancient cliff dwellings and a mysterious stone circle site. Expect warm spring days and cool nights. *Leader: Wil Passow. Price: \$140; Dep: \$50. [91074]*

**Santa Cruz Island Preserve Trail Construction, California — April 5-12.** Lying offshore from Santa Barbara, this largest and most diverse of the Channel Islands contains many unique plant and animal species, a historic

ranch, rugged mountains, beautiful valleys, and many beaches. During this peak of spring, we will be constructing a new trail along coastal highlands. *Leader: Bill Wakelee. Price: \$325; Dep: \$50. [91292]*

**Slickrock-Joyce Kilmer Trail Maintenance, North Carolina — April 13-20.** Backpacking to Naked Ground high in the Nantahala and Cherokee forests, we'll camp and work on improving and developing trails. We'll

have the opportunity to hike to Haeo Peak (at 5,249 feet, the highest in the Slickrock Wilderness) for sweeping views of the Appalachians. In Joyce Kilmer Memorial Forest, we will see the largest expanse of virgin forest in the East. Spring wildflowers should be plentiful. *Leaders: Vivian and Otto Spielbichler. Price: \$185; Dep: \$50. [91075]*

**Buffalo River Trail Building, Ozark Forest, Arkansas — April 14-20.** We will

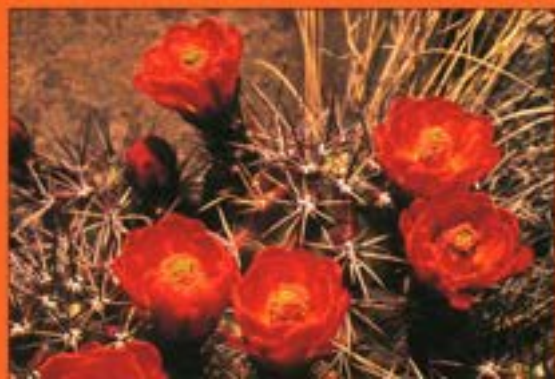
extend a mainstem trail farther along America's first national river, in an area having panoramic, blufftop views of the river valley. Hiking distances are short, but worksites will often be on steep terrain. On our layover days we can swim, hike, fish, botanize, or take pictures while surrounded by the beauty of springtime in the Ozarks. *Leader: Jim Balsitis. Price: \$160; Dep: \$50. [91076]*

**Red Rock Trail Maintenance, Coconino Forest, Arizona — April 21-27.** Many colorful canyons cut deep into the southern edge of the Colorado Plateau. This extraordinary land is prized by photographers and filmmakers. We will work clearing brush and building tread on one of the area's many trails. Free days can be spent exploring, birdwatching, or resting in camp. We'll be at elevations ranging from 4,500 to 6,500 feet. Days will be pleasant and warm and nights cool. *Leader: Jim Ricker. Price: \$120; Dep: \$50. [91077]*

**Abbey's Arches, Arches Park, Utah — April 21-27.** Let spring beckon you to the mile-high plateau of southern Utah and wildernesses favored by Captain John Wesley Powell and Edward Abbey. Both veterans and beginners are welcome to help us maintain trails and assist with exotic plant removal. High spirits and good attitude are mandatory. Come and do good things in the badlands! *Leader: Susan Estes. Price: \$195; Dep: \$50. [91078]*

*Clockwise from top: North Window at sunrise, Turret Arch, Arches National Monument, Utah (reprinted from the 1991 Sierra Engagement Calendar; to order, use form on page 116); Three Island Lake, John Muir Wilderness, Sierra; claret cup cactus; restbreak*





# SERVICE

**Grand Gulch, Southeast Utah Wildlands — May 4-12.** Bureau of Land Management archaeologists and rangers will direct our trail- and site-preservation work in this remote sandstone canyon country of slickrock and Anasazi cliff-dwelling ruins. We'll backpack eight miles to our base camp at 6,000 feet. On free days we'll hike to natural bridges and arches. Days will be warm and nights nippy. *Leader: Wil Passow. Price: \$240; Dep: \$50. [91079]*

**Sylvania Wilderness Trail and Campsite Maintenance, Ottawa Forest, Upper Peninsula, Michigan — May 19-26.** Come to the North Woods and enjoy spring wildflowers and the yodel of loons. We'll repair campsites and portage trails in Sylvania's virgin forest. Our canoes will take us across clear lakes that are home to bass, lake trout, walleye, and northern pike. Free days will provide time for more canoeing, swimming, fishing, and hiking. *Leader: Bill Sheppard. Price: \$205; Dep: \$50. [91080]*

## Conservation Challenge

**North Rim Trail Construction, Part II, North Kaibab Forest, Arizona — May 20-29.** We'll continue building a new trail on the North Rim of the Grand Canyon above Tapeats Amphitheater and camp at Fence Point to enjoy panoramic views into the canyon. Following the work project, we'll hike down the Thunder River Trail to Tapeats Creek and the Colorado River. Both the work project and the

hike into the canyon will be very strenuous. ♦ *In 1989 a lawsuit brought by the Sierra Club temporarily squelched plans for the construction of a new hotel complex within 100 feet of the Grand Canyon's largely undeveloped North Rim.* ♦ *Leader: Tim Wernette. Price: \$325; Dep: \$50. [91293]*

**Anasazi Archaeological Survey, Manti-La Sal Forest, Utah — May 27-June 7.** Preserving, protecting, and enjoying have been the cornerstones of our outing program since the turn of the century. Working under the direction of archaeologists, we will map significant Anasazi sites. On free days we can explore the canyon and surrounding forest of the slickrock wonderland. *Leader: Bob Hartman. Price: \$290; Dep: \$50. [91081]*

**Pecos Wilderness High Country Trail Building, New Mexico — June 1-8.** A special outdoor experience awaits you building trail in the Land of Enchantment, north of Santa Fe. Among snow-capped peaks rising to more than 12,000 feet, we will have free time to enjoy the abundant wildlife and flowers, take photos of mountain sheep, or catch trout in a nearby stream for lunch. We have a three-mile hike to our base camp at 10,000 feet. *Leader: Julie Perry. Price: \$160; Dep: \$50. [91082]*

**Archaeological Research, Chaco Culture Historical Park, New Mexico — June 8-15.** A spinoff of previous Chaco service trips, this outing will be a backcountry research project near the most imposing ruins in the Southwest. Under the supervision of an archaeologist, participants will make use of noninvasive archaeological methods to document a recently discovered major site. Expect minimal comforts and

plenty of hard work in a spectacular setting. *Leader: Bonnie Sharpe. Price: \$250; Dep: \$50. [91294]*

**Chaco Canyon Archaeology, Chaco Culture Historical Park, New Mexico — June 8-15.** Three hours northwest of Albuquerque are the mysterious great houses, granaries, and kivas of the ancient Anasazi culture. We'll be at an altitude of 6,175 feet, so expect warm days and cool nights. Our work will be among the ruins and paths of the Ancient Ones. During leisure time, we'll explore more of the canyon. *Leader: Barbara S. Gooch. Price: \$245; Dep: \$50. [91295]*



KAAN BA MALING



STEVE PARRISH

**Fish Creek Trail Project, Apache Forest, Arizona — June 8-15.** The source of Fish Creek is near Hannagan Meadows (9,141 feet) in the lush spruce and fir forest of eastern Arizona. The rugged Fish Creek canyon joins the Black River some 15 miles to the northwest. Our base camp will be in the lower portion of

the canyon (7,200 feet), where we'll complete construction on the trail down to the Black River before we start building trail up into the canyon. *Leader: Rod Ricker. Price: \$125; Dep: \$50. [91296]*

**Eagle Creek Archaeological Survey, Cottonwood, Idaho — June 9-15.** Rugged

**FOR MORE INFORMATION ABOUT A TRIP, SEND FOR THE TRIP BROCHURE. USE THE COUPON ON PAGE 119.**



“ IN SUMMER THE DAYS GO BY  
IN ALMOST CONSTANT BRIGHTNESS,  
CLOUDLESS SUNSHINE POURING OVER  
THE FOREST ROOF, WHILE IN THE SHADY  
DEPTHS THERE IS THE SUBDUED LIGHT  
OF PERPETUAL MORNING. ”

—John Muir, *The Yosemite*, 1912

hillsides of old volcanic rock form the banks of the Salmon River—an area once inhabited by prehistoric cultures and the scene of hydraulic mining in the 19th century. We will assist the BLM in surveying and inventorying archaeological sites, plus do some stabilization on sites damaged by vandals and erosion. We'll camp by the blue-green water of the Salmon River and explore, fish, or relax on our free days. *Leader: Robert Kelly. Price: \$245; Dep: \$50. [91297]*

**Anasazi Archaeology, Manti-La Sal Forest, Utah — June 11–21.** Join us in assisting the BLM and the Forest Service in documenting prehistoric Indian ruins in the scenic Southwest. Archaeologists will train and supervise us in surveying, mapping, photographing, and recording a variety of sites. We will

camp among aspen and pine and work in a digger juniper forest. *Leader: Sandy Brown. Price: \$265; Dep: \$50. [91298]*

**Linville Gorge Wilderness, Pisgah Forest, North Carolina — June 15–22.** Just northeast of the Great Smoky Mountains National Park, the Linville River cascades 2,000 feet in 12 miles, carving out one of the most rugged wildernesses in the East. We will work on all aspects of trail maintenance, as well as backcountry campsite rehabilitation. Waterfalls, river sports, and peaks will occupy our layover days. This is a strenuous trip. *Leader: Howard Luehrs. Price: \$160; Dep: \$50. [91299]*

**Ukonom Lake Trail Maintenance, Marble Mountain Wilderness, Klamath Forest, California — June**

*Top: Washakie Wilderness, Wyoming; left: Grand Teton Park, Wyoming*

**19–28.** Sunny days, trout-filled lakes, wildflowers, and old-growth forests characterize the Marble Mountains. Hiking eight miles to our base camp at Ukonom Lake, we'll complete last summer's work on the trail to One Mile Lake. Free days can be spent hiking, swimming, and fishing. Expect singing, charades, and storytelling around the campfire. *Leader: John Sherman; Cook: Dan Bittle. Price: \$195; Dep: \$50. [91300]*

#### Conservation Victory

**Sierra Club's Very Own Trail Project and Backpack, Sierra Forest, Sierra — June 20–30.** To prevent it from becoming the Sierra Club's Own Rut, we'll reroute a steep section of the Goodale Pass Trail near the trailhead. We'll car camp during the work project and then take a four- or five-day pleasure backpack among the lakes and glacial landscapes of the Silver Divide. Beginning hikers are welcome. ♦ *Service Trips adopted the Goodale Pass Trail under the national "Adopt a Trail" program ten years ago. ♦ Leader: TBA. Price: \$195; Dep: \$50. [91301]*

## DONATIONS REQUESTED

♦ *To explore, enjoy, protect, restore, clean up, revegetate, and provide loving care for the wild places of the Earth* ♦

**The dedicated** Sierra Club members who lead and participate in service trips take the Sierra Club motto a few steps farther.

**These volunteers** make a contribution of time and energy that is as effective and significant as that of members who contribute financially or devote their time to the Club's conservation programs.

**Each spring,** summer, and fall our volunteers build and maintain new and old trails, eliminate backcountry fire rings, plant trees, revegetate meadows, and remove trash from our national parks and forests.

**To expand** our valuable service-trip program and keep it affordable for participants, we ask for your help.

**Your tax-deductible** donation to the Service Trips Account of The Sierra Club Foundation will ensure that Sierra Club members continue to have the opportunity to participate in this unique effort to care for the wild places of the Earth.

Please send donations to:  
**Service Trips Account**  
*The Sierra Club Foundation*  
220 Sansome Street,  
Suite 1100  
San Francisco, CA 94104

While contributions to this account are tax-deductible, fees paid by trip participants are not.



PLACE  
STAMP  
HERE

Mail To:

**Sierra Club Outing Dept.**

Dept. #05618

San Francisco CA 94139

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# IMPORTANT INFORMATION ON SIERRA CLUB OUTINGS

Mail To:

**Sierra Club Outing Dept.**  
Dept. #05618  
San Francisco, CA 94139



1. All reservations, including those confirmed pending leader approval, are subject to the reservation/cancellation policy of the Outing Committee.
2. A signed liability release is required for all foreign trip participants.
3. All participants age 12 and over must be Sierra Club members to attend an outing.
4. Your address may be released to other trip participants for purposes of ride-sharing or other trip-related purposes.
5. Not all trips can accommodate special dietary needs or preferences. Contact the leader for this information before applying.
6. Applications for trip space will be accepted in the order they are received at the following address:

**Sierra Club Outing Dept.**  
Dept. #05618  
San Francisco, CA 94139

7. Please do not send Express Mail to this address. Doing so will delay your application.

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# IMPORTANT INFORMATION ON SIERRA CLUB OUTINGS

Mail To:

**Sierra Club Outing Dept.**  
Dept. #05618  
San Francisco, CA 94139



1. All reservations, including those confirmed pending leader approval, are subject to the reservation/cancellation policy of the Outing Committee.
2. A signed liability release is required for all foreign trip participants.
3. All participants age 12 and over must be Sierra Club members to attend an outing.
4. Your address may be released to other trip participants for purposes of ride-sharing or other trip-related purposes.
5. Not all trips can accommodate special dietary needs or preferences. Contact the leader for this information before applying.
6. Applications for trip space will be accepted in the order they are received at the following address:

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Dept. #05618  
San Francisco, CA 94139

7. Please do not send Express Mail to this address. Doing so will delay your application.

# SERVICE

**Allagash Wilderness Waterway Restoration, Maine — June 22-30.** This series of lakes and rivers located in extreme northern Maine provides a 100-mile waterway through some of the most remote wilderness in the East. We will assist the waterway staff in erosion control and site restoration as we travel down the waterway in canoes. There will be ample time for fishing, swimming, and viewing a great diversity of wildlife. Some canoeing experience is required. *Leaders: John Beirne and Jo Claghorn. Price: \$375; Dep: \$50.* [91302]

**Chama River, Willow Mountain Backcountry Trail Maintenance, Rio Grande Forest, Colorado — June 29-July 7.** The San Juan and Sangre de Cristo mountains form the two sides of the high San Luis Valley of central and southwestern Colorado, characterized by thousands of square miles of high-country meadows, alpine lakes, rugged peaks, deep valleys, and sand dunes. In the home of elk, deer, black bear, trout, and other animals, we will work on improving trails. *Leader: Mary Grisco; Cook: Gail Perkins. Price: \$195; Dep: \$50.* [91303]

**Great Gulf Wilderness Campsite Reclamation, White Mountains, New Hampshire — June 30-July 6.** The spectacular Great Gulf Wilderness is a suspended glacial valley surrounded by Mts. Madison, Adams, Jefferson, Clay, and Washington. It

*Clockwise from top: Washakie Wilderness, Wyoming; Peter Pan Lake from Graveyard Peak, Sierra; pine-edged sulphur butterfly; Lost Man Lake, Hunter-Fryingpan Wilderness, Colorado*

was designated a wilderness area in 1964. The valley receives considerable impact because of its many popular trails to the northern Presidentials. The focus of our trip is campsite reclamation in conjunction with the Forest Service. *Leader: Laurie J. Buck. Price: \$190; Dep: \$50.* [91304]

## Conservation Victory

**Boulder Lakes and Barbed Wire, Trinity Alps Wilderness, Klamath Forest, California — July 1-11.** At Middle Boulder Lake (6,400 feet) we'll remove barbed wire and restore and maintain the trail. Our worksite is in the Scott Mountains near the Pacific Crest Trail. Many nearby lakes beckon on free days. The hike to our base camp is four miles with a 1,200-foot elevation gain. We may have a long walk to our worksite. ♦ *The Service Trips program conducted its first airplane-wreck cleanup in 1972 in the Trinity Alps and its first river-based cleanup in 1983 on the nearby Salmon River.* ♦ *Leader: Marian Baldy. Price: \$195; Dep: \$50.* [91305]

**Hunter-Fryingpan Wilderness, White River Forest, Colorado — July 2-12.** This "Rocky Mountain High" base camp is next to a meadow above 11,000 feet. We'll work four to five days relocating a portion of the Lost Man Trail near the Continental Divide and constructing causeways over several bogs. Lost Man Lake, abundant wildflowers, and lofty, 13,000-foot peaks will be ours to explore on free days. Appetizing and healthy food will be provided by our gourmet cook and his Dutch ovens. *Leader: Doug Pilcher; Cook: DeVeaux Gauger. Price: \$195; Dep: \$50.* [91306]

## Conservation Victory

**Lakes Basin Trail Maintenance, Eagle Cap Wilderness, Wallowa-Whitman Forest, Oregon — July 2-12.** Called the Little Switzerland of America, the Eagle Cap Wilderness is a mountain oasis in the eastern Oregon desert. We'll hike seven miles and climb 2,500 feet to reach our base camp at 7,500 feet in the shadow of Eagle Cap Peak. When we're not restoring the overused trails, we can fish and bag peaks. ♦ *Besides rerouting many trails to protect meadows, volunteers have conducted alpine revegetation projects in the Eagle Cap Wilderness.* ♦ *Leader: John Albrecht; Cook: Carla Moreno. Price: \$195; Dep: \$50.* [91307]

**Cottonwood Lakes Basin, Sierra — July 10-20.** Take a week this summer for high alpine meadow trail repair, building causeways and water crossings. We'll work at about 10,000 feet, surrounded by rugged Sierra Crest peaks more than 13,000 feet high, just south of Mt. Whitney. Free days offer hiking to nearby peaks, swimming, snoozing, and enjoying the southern Sierra. *Leader: Jeff Myll. Price: \$195; Dep: \$50.* [91308]

**Teton Wilderness Trail Maintenance, Bridger-Teton Forest, Wyoming — July 12-22.** Tall-grass meadows rippling in the wind and clear, trout-filled streams are typical of this wilderness near the southeastern border of Yellowstone National Park. Our work will involve general trail maintenance, while free days can be spent climbing nearby peaks. *Leader: Homer Rudolf; Cook: David Simon. Price: \$195; Dep: \$50.* [91309]

**Pine Valley Trail Maintenance, Dixie Forest, Utah — July 13-20.** Share the beauty and solitude of the spellbinding Pine Valley Mountain Wilderness with

mule deer, golden eagles, black bear, and cougar. We will work and play in the rugged backcountry of this unique mountain range, an island in the desert west of Zion National Park. *Leader: Paul Pochan; Cook: Eric Hoyer. Price: \$195; Dep: \$50.* [91310]

**Chesapeake Bay Archaeology, Maryland — July 14-20.** Undisturbed archaeological sites and rich fossil deposits on the Chesapeake Bay are revealing much information about the life of early Colonists and Indian communities. Our location will be St. Mary's City, where Maryland's first capital was established in 1634. Teams will work on a chapel excavation, recreation of an Indian longhouse, and preservation of the sailing ship *Maryland Dove*. *Leader: Sarah Stout. Price: \$170; Dep: \$50.* [91311]

**Cuddihy Lakes Trail Maintenance and Construction, Marble Mountain Wilderness, California — July 14-24.** This unique, lightly traveled area boasts many warm swimming and fishing lakes, delightful trails, and vistas of snowcapped Mt. Shasta and the Trinity Alps. After a moderate nine-mile hike to our base camp at Cuddihy Lakes, we will relocate and repair the trail, with ample opportunity to relax, hike, swim, fish, and enjoy great food, highlighted by Dutch oven cooking. *Leader: Bill Wakelee; Cook: Nancy Kennedy. Price: \$195; Dep: \$50.* [91312]

**Deer Creek, Trinity Alps, California — July 16-26.** We will construct causeways and rebuild stream crossings in a

**ALL SERVICE TRIPS SHOULD BE CONSIDERED MODERATELY STRENUOUS UNLESS NOTED OTHERWISE IN THE TRIP DESCRIPTION.**

# SERVICE

magnificent high alpine valley of the Trinity Alps, taking time to enjoy wildflowers and wildlife and to swim in nearby lakes. Expect a challenging hike to our base camp — climbing 3,750 feet in seven miles — and a rewarding work project. *Leader: David Stern; Cook: David Waite. Price: \$195; Dep: \$50.* [91313]

**Ninth Annual Beginners' Trail Reconstruction and Wilderness Restoration, Washakie Wilderness, Wyoming — July 16-26.** Beginning backpackers are invited to develop new skills and sharpen old ones while working in the upper Wood River area at 9,000 to 11,000 feet cleaning up sites near an abandoned mining town and rebuilding parts of the Bear Creek and East Fork trails. Free days can be spent fishing and hiking. (*Note: Although this is the only service trip offered especially for beginners, most service trips welcome beginners in good physical condition.*) *Leader: TBA; Cook: Rick Maron. Price: \$195; Dep: \$50.* [91314]

**East Maroon Portal, Maroon Bells-Snowmass Wilderness, White River Forest, Colorado — July 19-27.** Enjoy breathtaking alpine beauty within shouting distance of Aspen. We'll camp at 10,000 feet among aspen, lodgepole pine, wildflowers, and mountain streams. Our project is rerouting trail and building "turnpikes" and retaining walls. On free days, we can climb 14,000-foot peaks or explore the Maroon Bells area. Camaraderie and hard work

make for a memorable vacation. *Leader: Steve Lachman; Cook: Richard Garner. Price: \$195; Dep: \$50.* [91325]

**Pike Forest Trail Maintenance, Colorado — July 20-28.** High and cool in the Rockies, two hours from Denver, we'll relocate sections of trail that are heavily used. On days off, there are peaks to climb (up to 14,000 feet) and wonderful scenery to enjoy. Alpine and sub-alpine flowers should be at their mid-summer best. *Leader: Larry Wheelock. Price: \$195; Dep: \$50.* [91326]

**Upper Piute Canyon Trail Maintenance, Sierra — July 25-August 4.** Just below the granite slopes of Humphreys Basin, we'll be doing heavy maintenance on a trail the Forest Service has nicknamed "the roller coaster." We'll camp at about 9,000 feet, just a few miles from the Sierra Crest. We'll visit the Blayne Meadow hot springs if getting clean seems worth a little walking. *Leader: Barbara Poole; Cook: Ginny Johnson. Price: \$195; Dep: \$50.* [91327]

**Dark Divide and Mount St. Helens Trail Reconstruction, Gifford Pinchot Forest, Washington — July 28-August 7.** In the shade of magnificent old-growth forest, we'll be reconstructing the French Creek Trail in Dark Divide, the expansive roadless area between Mount St. Helens and Mt. Adams. On free days panoramic views, alpine meadows, and mountain lakes offer many possibilities. A hike to the rim of Mount St. Helens will be the trip's finale. *Leader: Anne Stork; Cook: Dan Bittle. Price: \$195; Dep: \$50.* [91328]

**Conservation Victory**  
**Honeymoon Lake Trail Maintenance, Inyo Forest, Sierra — July 28-August 7.**

This classic Sierra trip offers lots of granite, high altitude alpine lakes, good weather, and hard work. Fifteen-year-old causeways show us which trail-building techniques work well and which don't; we'll use the former on either the Italy Pass or the Pine Creek Pass trails. On free days we can hike, fish, botanize, photograph, or snooze. ♦ **Bullfrog Lake on the east side of the Sierra was the site of the first service trip 33 years ago.** ♦ *Leader: Bill Gibson. Price: \$195; Dep: \$50.* [91329]

**Bernice Lake Trail Construction, Lake Chelan-Sawtooth Wilderness, Washington — July 30-August 9.** Trout, wildflowers, sunshine: What else could you ask for besides working on a fun project with interesting people? Join us to build a trail to Bernice Lake and remove an old structure from the wilderness. After a two-day, ten-mile hike in, we will be working and camping around 6,500 feet. Dayhike opportunities abound. Expect a strenuous hike out to Lake Chelan. *Leader: Bob Hayes. Price: \$195; Dep: \$50.* [91330]

**Cloud Peak Trail Maintenance, Bighorn Mountains, Wyoming — July 30-August 9.** Situated in northeastern Wyoming, the Bighorn Mountains offer beautiful views, alpine meadows, clear blue lakes, fishing, and high peaks. We will camp at 10,000 feet near Misty Moon Lake close to Cloud Peak, and rebuild trail in a remote and steep area. The work will be strenuous, but the scenery will make it well worth the effort. *Leader: Jonathan Fay; Cook: Mark Winn. Price: \$195; Dep: \$50.* [91331]

**Mt. Evans Creek Wilderness Trail Maintenance, Pike Forest, Colorado — July 31-August 10.** Alpine meadows, 12,000-foot peaks, and the flora and fauna of the Rockies surround our base camp. We will repair some

badly-deteriorated trails. On free days, we can relax, explore canyons, photograph, and admire the wildlife. Expect warm, sunny days, cool nights, and afternoon thunderstorms. *Leader: Ron Thomas. Price: \$195; Dep: \$50.* [91332]

**Popo Agie Wilderness, Wind River Range, Wyoming — August 1-11.** Great views of the Continental Divide will inspire us as we work on trail maintenance and new trail construction. We will be camping and hiking in alpine forests and meadows over 10,000 feet. High peaks, wildflowers, and wildlife abound in the area to tempt us on our free days. *Leader: Wally Mah; Cook: Rick Maron. Price: \$195; Dep: \$50.* [91335]

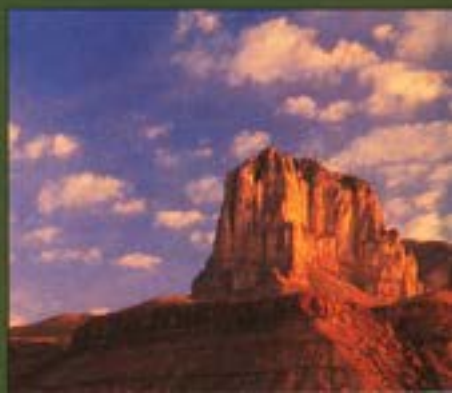
**Mandall Creek Trail Maintenance, Flat Tops Wilderness, Colorado — August 2-12.** The mountains of the Flat Tops Wilderness are unique mesa-like plateaus rising over 12,000 feet. The lakes offer trout fishing and the wildflower season will be at its height in Mandall Pass. From our base camp three miles into the wilderness, we will maintain Mandall Trail and provide hikers with information on low-impact camping and wilderness preservation. *Leader: Bart Hobson. Price: \$195; Dep: \$50.* [91336]

**Archaeological Survey, San Juan Resource Area, Colorado — August 3-10.** From northwest of Cortez, Colorado to the Utah border lies a 700,000-acre tract of classic red rock and ponderosa pine wilderness. Although most of the area has not been surveyed, more than 12,000

*Clockwise from top: at work in the Targhee Teton Forest, Wyoming; El Capitan, Guadalupe Mountains, New Mexico; fireweed in Yellowstone Park, Wyoming; hiking the Kalalau Trail, Kauai, Hawaii*

**GIVE THE GIFT OF WILDERNESS, WITH A SIERRA CLUB OUTING GIFT CERTIFICATE. SEE PAGE 75 FOR DETAILS.**





# SERVICE

archaeological sites have been recorded. Supervised by BLM archaeologists, we will document (survey, map, and photograph) sites mysteriously abandoned nine centuries ago. *Leader: Bonnie Sharpe. Price: \$245; Dep: \$50. [91337]*

## Conservation Victory

**Hidden Lake, Selkirk Range, Kanixsu Forest, Idaho — August 3-13.** We're looking for high-energy folks to join a rewarding but strenuous project: bridge construction and trail brushing and reconstruction in an area that both national and local volunteers have worked on. Camping at the largest high-mountain lake in the Selkirks will give us access to peaks and lakes for off-day hiking and fishing. ♦ *The miles of trail constructed by volunteers in this proposed wilderness have given local outdoor enthusiasts (who live in communities dependent on commercial timber harvesting) positive exposure to the Sierra Club.* ♦ *Leader: Didi Toasperm; Cook: Jan Ketelle. Price: \$195; Dep: \$50. [91339]*

## Conservation Victory

**Enchanted Valley Trail Maintenance, Olympic Park, Washington — August 5-14.** We'll hike two days and 13 miles through moss-covered, cathedral-like rainforests to our base camp at Enchanted Valley, an alpine cirque ringed by 3,000-foot cliffs and waterfalls. Because of ample rainfall, the Enchanted Valley Trail needs

**TO APPLY  
FOR A TRIP, USE  
THE APPLICATION  
FORM INSERTED  
BETWEEN PAGES  
100 AND 101.**

frequent brushing and maintenance. Our free days may be spent hiking, fishing, or climbing Anderson Pass for close-up views of glaciers and mountain goats. ♦ *In the 1960s the Park Service recommended slicing 59,000 acres from Olympic National Park for the logging industry; the Sierra Club moved quickly and successfully to stem this action.* ♦ *Leader: John Sherman. Price: \$215; Dep: \$50. [91340]*

**Hells Canyon Wilderness, Seven Devils Mountains, Idaho — August 5-15.** Hells Canyon Wilderness offers mountain peaks rising more than 9,000 feet; She Devil, He Devil, and Devils Throne towering above the Snake River; and rock-faced slopes interspersed among a dozen sparkling alpine lakes. Views of four states highlight this trip that emphasizes gourmet menus and good fun. *Leader: Kathryn Hannay; Cooks: Pat Bracken and Bill Hallagan. Price: \$195; Dep: \$50. [91341]*

**Targhee Teton Trail Maintenance, Wyoming — August 7-17.** Within sight of the Teton Crest in the Jediah Smith Wilderness, we will repair and relocate damaged trails at 9,000 to 10,000 feet. Layover days give us time to explore this beautiful area on the western boundary of Grand Teton National Park. *Leader: Virginia Scott; Cook: Eric Bowman. Price: \$195; Dep: \$50. [91342]*

**Bear Creek Canyon Trail Maintenance, Sierra Forest, Sierra — August 10-20.** Wilderness surrounds our work and play in this charming area near the John Muir Trail. When we aren't building causeways and completing general maintenance projects, we can spend our free time on peak exploration, trout preda-



tion, or just quiet relaxation. *Leader: Gary Anderson; Cook: Pauline Seales. Price: \$195; Dep: \$50. [91349]*

**Pemigwasset Wilderness Bog Bridge and Drainage Project, White Mountain Forest, New Hampshire — August 11-16.** In cooperation with the Appalachian Mountain Club, we'll improve drainage and brush trail near the AMC's Camp Dodge. We'll spend one day shuttling our gear five miles to our low-altitude base camp in the wilderness, and four consecutive days at work. On free days we may climb nearby peaks (4,000-5,000 feet) or swim in the Pemigwasset River. *Leader: TBA. Price: \$195; Dep: \$50. [91350]*

**Hidden Lake Trail Maintenance, Panhandle Forest, Idaho — August 17-27.** At the largest high-mountain lake in the district we may see moose, osprey, or golden eagles, but trout fishing and wildflowers are the area's special attractions. On free days we can explore three other lakes and 7,300-foot peaks. The hike in is a mere one-and-a-half miles, but some trail work will be strenuous. *Leader: Rowena Villarias; Cook: Cheryl Marie Draves. Price: \$195; Dep: \$50. [91351]*

**Mystic Lake, Mt. Rainier Park, Washington — August 17-27.** Nestled in an alpine meadow between Car-

bon and Wintrop glaciers on the north side of Mt. Rainier, Mystic Lake offers breathtaking views, wildflowers, and fishing. We'll rebuild a 1/3-mile section of the Wonderland Trail. On free days we can relax or take dayhikes, including one to lower Curtis Ridge for dramatic close-up views of Willis Wall. This is a strenuous trip. *Leader: Paula van Haagen; Cook: Rebecca Selove. Price: \$195; Dep: \$50. [91352]*

## Conservation Victory

**Yosemite Revegetation Project, Yosemite Park, Sierra — August 18-29.** With a base camp at Tuolumne Meadows, we'll do revegetation near Lyell Canyon. Later, we'll move to the backcountry for more work amidst Yosemite's most picturesque sights. Free days offer hiking, fishing, and peakbagging. Altitude ranges from 8,800 feet to 11,000 feet. This is a moderate to very strenuous trip. All ages welcome. ♦ *The eroded trails near Mt. Lyell were the sight of the first alpine revegetation project in the early 1970s.* ♦ *Leader: C.E. Vollum. Price: \$325; Dep: \$50. [91353]*

**Glacier Park Backcountry, Montana — August 19-29.** Enjoy this first-ever service trip in Glacier Park and view its wildlife and breathtaking snow-capped vistas. From our camp near a backcountry ranger station, we'll help the



LAURIE-ANN BARBOUR



DENNIS CORLETT

“ WE ALL DWELL IN A HOUSE  
OF ONE ROOM — THE WORLD WITH THE  
FIRMAMENT FOR ITS ROOF — AND ARE  
SAILING THE CELESTIAL SPACES WITH-  
OUT LEAVING ANY TRACK. ”

—John Muir, from *The Wilderness  
World of John Muir*, 1954

Park Service tackle some long-delayed projects. On free days we can explore streams, lakes, and mountain peaks. *Leader: Cynthia Griffin-Brown; Cooks: Bruce and Carmen Johnson. Price: \$195; Dep: \$50. [91355]*

**High Uintas Trail Improvement, High Uintas Wilderness, Utah — August 20-30.** Wildlife and wildflowers abound in the high meadows of the only east-west trending mountain range in the Lower 48. We will be improving trail in a little-used area near our camp at 10,500 feet. On free days we can explore 13,000-foot peaks and nearby lakes. We'll also enjoy delicious vegetarian *haute cuisine*. *Leader: Jason Star; Cook: Jasmine Star. Price: \$195; Dep: \$50. [91359]*

#### Conservation Victory

**Isle Royale Park Trail Maintenance, Lake Superior, Michigan — August 20-31.** A ferry boat ride to this

remote island will start the project off with smooth sailing. Then we'll backpack through rugged escarpments and ridges into the wilderness and establish a base camp near the work site. Our project will be moderate and consists of re-routing and maintaining parts of the Greenstone Ridge Trail. Layover days give us plenty of time to hike and look for moose and maybe even a wolf. ♦ *The fight for Isle Royale's national park status began as part of a movement in the 1920s to create more parks in the East. The idea was promoted by Albert Stoll Jr. of the Detroit News and Francis Farquhar, a future president of the Sierra Club. ♦ Leader: Jim Balsitis. Price: \$270; Dep: \$50. [91364]*

#### Conservation Victory

**Boundary Waters Canoe Area Wilderness Trail Maintenance, Minnesota — August 25-September 1.** The 22-mile trail network

*Left to right: Lake Chelan-Sawtooth Wilderness, Washington; commissary duty; John Muir Wilderness, Sierra*

around Snowbank Lake offers some of the most impressive scenery in the North Woods. It also requires periodic brush cutting and blow-down removal. That's our job. We will canoe and hike to work each day from our wilderness base camp. Free days will provide time for swimming, fishing, canoeing, hiking, and relaxing. ♦ *In the early 1920s conservationists, including Sierra Club members, defeated most of an extensive road building plan in the Boundary Waters Canoe Area, a victory that resulted in the Forest Service's 1926 designation of the area as a wilderness. ♦ Leader: Bill Sheppard. Price: \$215; Dep: \$50. [91366]*

**Baxter State Park Autumn Trail Maintenance, Maine — August 31-September 7.** We'll backpack to an area northeast of Kidney Pond with approximately 2,000-foot elevation gain to establish our base camp. We will be working on trails in great need of repair in this 200,000-acre wilderness. Free days give us ample opportunity for dayhikes and canoeing. At trip's end we'll climb Mt. Katahdin (Maine's highest peak at 5,627 feet) and the famous Knife Edge for a fantastic panorama of the

## DOCTORS WANTED

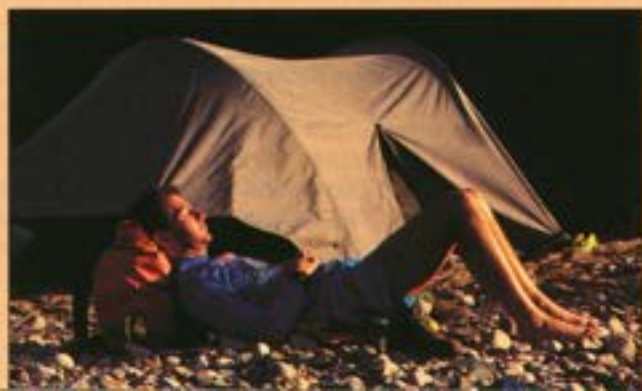
Some service trips have a doctor on staff. These professionals donate their time and skills for a waiver of the trip fee. They are not required to work on the project, but many do so out of the same concern for wilderness shared by regular participants.

All trip leaders have the Advanced Red Cross First-Aid Card, and the Club provides a first-aid kit. Although our accident record with projects requiring the use of tools has been very good, we try to provide a staff doctor just in case.

If you are a doctor and think you might be interested in this rewarding experience, please write:

Dr. Bob Majors  
3508 Williamsborough Ct.  
Raleigh, NC 27609

Enclose a self-addressed, stamped envelope for reply.



# SERVICE

North Woods. *Leader: Scott J. Whitcomb. Price: \$225; Dep: \$50. [91368]*

## Conservation Victory

**Boundary Waters Canoe Area Wilderness, Minnesota-Ontario Border — September 1-10.** Stalk the wild moose in the serene land of voyageurs, hear the laughter of the loon, and paddle a misty lake at sunrise. After a good day's work clearing portage trails and refurbishing campsites, we'll enjoy the majestic sights of the aurora borealis. Free days offer swimming, fishing, looking for pictographs, or picking blueberries. ♦ *In 1970 the North Star Chapter of the Sierra Club, in cooperation with the Natural History Society, published A Wilderness in Crisis: The Boundary Waters Canoe Area to warn of the threat to the area by mining interests. ♦ Leaders: Mary and John Frantz. Price: \$260; Dep: \$50. [91370]*

**Pictured Rocks Lakeshore, Michigan — September 8-18.** Near Munising in Michigan's Upper Peninsula, a striking combination of cliffs, beaches, and waterfalls beckons hikers to the shoreline trail. We'll spend about half our time working with the National Park Service on a project and also explore, swim, and get acquainted with the spirit of Gitchi Gume. *Leader: Larry Ten Pas. Price: \$210; Dep: \$50. [91371]*

**Golden Link Trail, Gila Wilderness, New Mexico — September 14-22.** Late summer is prime time to clear

brush from this little-used trail in the nation's first designated wilderness. We will hike a challenging six miles to a base camp, then alternate work days with dayhikes and exploration of old mining sites. On our last trip, we saw signs of bear and mountain lion, and caught plenty of trout. *Leaders: Linda and John Buchser. Price: \$195; Dep: \$50. [91372]*

**Fall Foliage Trail Maintenance, Green Mountain Forest, Vermont — September 21-28.** This is your chance to experience Vermont's peak fall foliage! While camping at Griffith Lake, we'll do three days of maintenance on the Appalachian/Long Trail in the Big Branch and Peru wilderness areas. Then we'll take advantage of the crisp weather to explore the region's rugged ravines and ridges on a three-day backpack. Previous backpacking experience required. *Leader: Kevin Karl. Price: \$185; Dep: \$50. [91373]*

**Kaibab Forest Trail Construction, Arizona — September 23-October 2.** The North Rim of the Grand Canyon is forested with fragrant ponderosa pine. We'll be working in the forest on the Kaibab Plateau Trail for the first half of the trip; then we'll backpack into the Grand Canyon on our way to Thunder River, Deer Creek, and the Colorado River. This is a strenuous trip. *Leader: Debbie Northcutt. Price: \$325; Dep: \$50. [92456]*

**Chiricahua Wilderness Trail Maintenance, Coronado Forest, Arizona — September 25-October 5.** This southeastern Arizona wilderness is an arid mountain retreat, home to the Chihuahuah whiptail, roving bands of coatimundi, copper-tailed trogons, and formerly home to Geronimo, Cochise, and the buffalo soldiers of the Tenth

Cavalry. Based in Portal, we'll upgrade trails in wilderness so rugged that cross-country travel is prohibitively difficult. *Leader: Sherri Serna. Price: \$195; Dep: \$50. [92457]*

**Chaco Canyon Archaeology, Chaco Culture Historical Park, New Mexico — September 28-October 5.** Experience the changing seasons in the land of the Ancient Ones. Northwest of Albuquerque at an elevation of 6,175 feet lies Chaco Canyon, where we'll see the abandoned cities and villages of the Anasazi. We'll learn about their culture while working among the ruins and on their trails. During leisure time we'll explore more of this extraordinary canyon. *Leader: Barbara S. Gooch. Price: \$245; Dep: \$50. [92458]*

**Zion Trail Construction, Zion Park, Utah — September 30-October 8.** We will be building trail tread in the canyons of Zion National Park. Our project will be along the West Rim Trail, situated on a high plateau with views of the park. We should have plenty of opportunities to explore side canyons and backcountry. *Leader: Dan Galatzer. Price: \$210; Dep: \$50. [92459]*

**Archaeology, Swamps, and Beaches: Maryland's Eastern Shore — October 6-12.** We'll do brush, river, and swamp clearing on The Nature Conservancy's Nassawango Creek Preserve and also on the Pocomoke River, as well as archaeological digging at Furnace Town Historic Site near Snow Hill. We'll finish by hiking Assateague Island National Seashore to explore the country east of Chesapeake Bay in the beautiful fall season. *Leader: Ernie Bauer. Price: \$155; Dep: \$50. [92460]*

**Threading the Needle, Canyonlands Park, Utah — October 6-12.** Castles and fortresses, devils and druids, angels and elephants, and Paul Bunyan are likely land-

marks for seasoned or first-time service trip members on our second season in the Needles District. Workers will again rehabilitate backcountry trails on this reprise of the successful 1990 service trip. High spirits and good attitude are mandatory; experience is optional. *Leader: Susan Estes. Price: \$195; Dep: \$50. [92461]*

**Channel Islands Park Maintenance, California — October 6-13.** We'll travel by boat across the Santa Barbara Channel to Santa Rosa Island, the newest addition to Channel Island National Park. The park is beautiful in October, with warm, calm weather. On the island two peaks rise over 1,500 feet amid a wide diversity of plants. Our project is to improve the island's facilities. *Leader: Bill Wakelee. Price: \$325; Dep: \$50. [92462]*

**Trail Building, Buffalo River, Ozark Forest, Arkansas — October 20-26.** As autumn colors reach their peak, we will begin building a major new trail that will eventually traverse mountainsides and canyons near the Buffalo River's headwaters. Hiking distances are short, but worksites may be steep. From our base camp we will have time for dayhikes and exploration of historic sites in one of the loveliest valleys in the Ozarks. *Leader: TBA. Price: \$195; Dep: \$50. [92464]*

**Santa Cruz Island Maintenance, California — October 21-28.** Wild and beautiful Santa Cruz Island is located 25 miles off the coast of Santa Barbara. This unique island contains a rich diversity of plant and animal species, rugged canyons, isolated beaches, two mountain ranges, and a historic ranch. We will be helping The Nature Conservancy on a variety of work projects. *Leader: Bill Wakelee. Price: \$325; Dep: \$50. [92465]*

**Note:** See Alaska and Hawaii for other service trips.

**Cross-Country Skiing, Copper Harbor, Michigan** — February 3-10. Experience the beauty and tranquility of wilderness cross-country skiing at the tip of Keweenaw Peninsula on Lake Superior — where the average yearly snowfall is 250 inches! There are trails for all levels of skiers in this remote winter wonderland — trails through the woods and along the shoreline, plus Midwest mountain terrain to enjoy. Accommodations include modern cabins and a clubhouse with fireplace and sauna. *Leader: Donna Small. Price: \$455; Dep: \$50.* [91369]

## sierra club outings 1991

# S K I

**E**njoy the quiet and solitude of the wilderness in winter in places even backpackers can't go. ♦ Our ski trips have two different formats: Participants either stay in a central camp and take day trips, or they ski from camp to camp. ♦ Trips vary in difficulty from those more suitable for beginners to those requiring some ski-touring experience. Leader approval is required for all ski trips.

### Conservation Victory

**North Rim Grand Canyon Cross-Country Ski Adventure, Arizona** — February 24–March 2. The North Rim of the Grand Canyon is an

"island in the sky," where there are vast and dense forests of pine, fir, and aspen. Covering eight to ten miles daily, we will ski from Demotte Park through gently rolling meadows and forests to Bright Angel Point. We'll winter-camp for four nights along the rim, and spend two nights in a heated yurt with hot tubs. ♦ *The Sierra Club played a major role in lobbying Congress for legislation (passed in 1987) requiring flight-free zones within and above the Grand Canyon to protect the park's natural quiet from the nearly 100,000 commercial air tour flights a year.* ♦ *Leader: Tom Stricker. Price: \$495; Dep: \$50.* [91087]

**Backcountry Skiing, San Juan Mountains, Colorado** — March 17-23. Experience the best in cross-country skiing in the high peaks of southern Colorado. We will ski one mile to our rustic lodge near timberline at 11,000 feet. The lodge has been converted from an old mining camp. The food will be outstanding and vegetarians will be accommodated. Instruction by a noted backcountry skier is available for all levels of skiers. Ski equipment may be rented, or you may bring your own. *Leaders: Bill Donahue and Dana Densmore. Price: \$900; Dep: \$100.* [91088]



JENNY HAGERVALPINE IMAGES



WAYNE R. WOODRUFF

“ NOTHING GOES UNRECORDED. EVERY WORD OF LEAF AND SNOWFLAKE AND PARTICLE OF DEW... IS WRITTEN DOWN IN NATURE'S BOOK. ”

—John Muir, *John of the Mountains*, 1938

*Left: Yellowstone Park, Wyoming; Half Dome, Yosemite Park, Sierra*

## BOAT

**The Escalante Via Lake Powell, Utah — June 2-8.** Lake Powell reaches out to Glen Canyon's rough-hewn walls; we'll cross its waters and explore the surrounding Escalante River basin. Our water adventure will use patio boats for leisurely transportation to each day's campsite. A hike to the Kaiparowits Plateau, several natural arches, and prehistoric dwelling sites will be highlights of the trip. Suitable for all ages. *Leader: Ron Miller. Price: \$570; Dep: \$100. [91379]*

## CANOE

Canoe Trips are graded as follows:

**Grade A:**

No canoeing experience required.

**Grade B:**

Some canoeing experience required.

**Grade C:**

Canoeing experience on moving water required.

**Grade D:**

Canoeing experience on whitewater required.

### Conservation Victory

**Everglades Park, Florida — February 17-22.** We camp at Flamingo, a unique subtropical wilderness seriously

## sierra club outings 1991

# WATER

**T**raveling by water offers a very special way to explore the wilderness. ♦ Whether canoeing in Maine or sea-kayaking in California, closeness to nature is a constant. Beach-camping, exploratory hikes, and swimming along the way provide all the ingredients for a great wilderness adventure. ♦ Trips are scheduled for most months of the year in many parts of the country and are planned to accommodate a wide range of skills. Volunteer leaders trained by the Sierra Club add a meaningful dimension that is often missing on commercial water trips. ♦ Participants share in all camp chores, including care of the equipment and meal preparation. Leader approval is required for all water trips.

threatened by pollution and neglect, at the southern tip of the park. On our daily canoe trips we will explore mangrove and buttonwood environments, freshwater ponds, brackish water, open coastal prairies, and saltwater marshes — homes for rare plants, birds, and animals. This leisure trip is for competent canoeists who enjoy birding, wildlife-watching, and photography. ♦ *The legislation signed into law in 1990 adding 107,600 acres to the Everglades National Park is a resounding success for the Sierra Club and other environmental groups.* ♦ (Grade B) *Leaders: Vivian and Otto Spielbichler. Price: \$220; Dep: \$50. [91094]*

**Canoeing Okefenokee Swamp, Georgia — March 10-15.** From base camps on the east and west edges of the swamp, we will canoe different sections of the Okefenokee, exploring coastal prairies and cypress forests. With its primitive beauty, the swamp provides habitat for birds, mammals, and reptiles. This trip is for competent canoeists of all ages who enjoy birding, wildlife-watching and photography. (Grade B) *Leaders: Otto and Vivian Spielbichler. Price: \$290; Dep: \$50. [91095]*



San Juan Islands and Mt. Baker, Washington

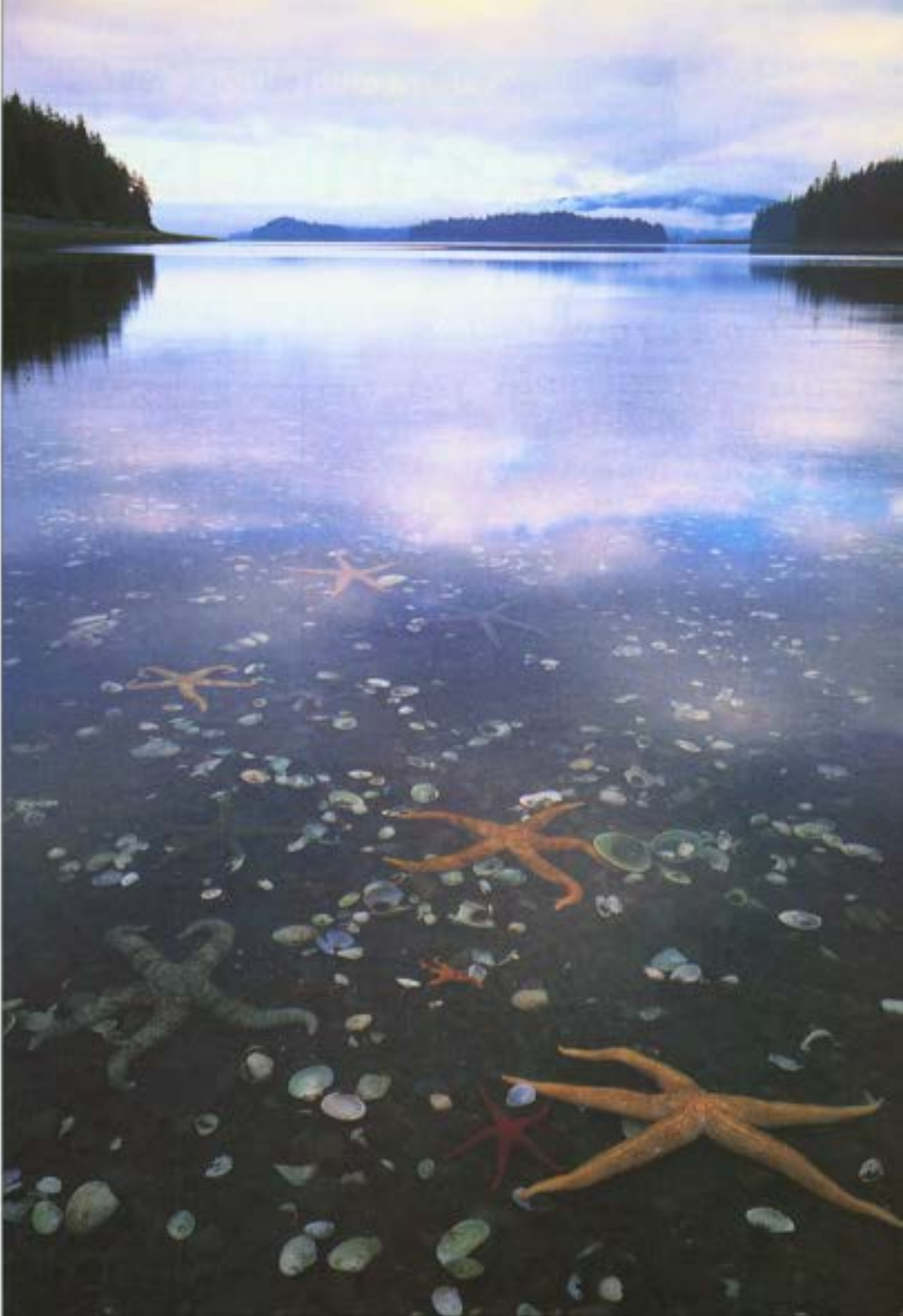
CARR CLIFTON  
and stargazing. We'll set up camp in the forest and enjoy home-cooked meals. All levels of kayakers are welcome, from novice to expert. *Leader: Margie Tomenko. Price: \$1,155; Dep: \$200. [91381]*

**California Bays Sampler, California — September 16-21.** Come and explore three Northern California bays by kayak. As we paddle Tomales Bay, next to Point Reyes National Seashore, we'll observe egrets and cormorants and possibly even a herd of tule elk. In Monterey Bay, home to the Monterey Bay Aquarium, we'll view sea lions, otters and seals. Lastly, San Francisco Bay offers a dramatic change. Here, we'll see more sea lions and a variety of birds — plus a stunning city skyline. *Leader: Laura Short. Price: \$1,200; Dep: \$200. [91389]*

**Sea-Kayaking the Atlantic Coast, Maryland and Virginia — October 13-19.** The first East Coast sea-kayaking trip will traverse the length of Assateague Island. We'll spend three days at wilderness campsites, visit Chincoteague Wildlife Refuge, and end with a day on the cypress-lined Pocomoke River. Expect to see migrating Canadian Geese, many types of water birds, and the famous pony herds. Novices welcome. Kayak rental not included in the trip price. *Leader: Bob Hartman. Price: \$435; Dep: \$50. [92467]*

**Note:** See Alaska, Foreign, Hawaii, and service trips for other water outings.

*Clockwise from top: Gambier Bay, Admiralty Island National Monument, Alaska (reprinted from Wild by Law by Tom Turner with photographs by Carr Clifton; to order, use form on page 114); Millers River, Massachusetts; San Juan Islands, Washington; Okefenokee Swamp, Georgia*





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1850	Victoria Falls and the Parks of Zimbabwe and Botswana	8/5-19	Safari	85
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1810	Dhaulagiri Himal: French Col and Hidden Valley, Nepal	4/13-5/9	Trek	85
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1840	Himalayan Traverse — Zaskar and Ladakh, India	7/8-8/8	Trek	85
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2501	Rajasthan Kingdoms, India	9/14-10/1	Walking Tour	85
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2505	Happy Birthday, Confucius! China Study and Walking Tour	9/25-10/14	Walking Tour	86
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2515	Annapurna Circuit, Nepal	10/5-31	Trek	86
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2520	Kangchenjunga, Nepal	11/4-12/4	Trek	86
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2535	Langtang Holiday Trek, Nepal	12/21/91-1/3/92	Trek	86
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2550	A Journey to Thailand: Temples, Hills, and Beaches	2/11-2/7/92	Walking Tour	86
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1106	Barrenlands and Snowdrift River, Northwest Territories	7/6-20	Base Camp & Canoe	50
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1157	The Great Divide, Alberta and British Columbia	7/21-29	Backpack	63
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1822	Walking in the West Country, England	6/8-22	Walking Tour	86
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92510	Egypt and the High Sinai	10/12-26	Walking Tour	90
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**PACIFIC NORTHWEST**  
(Oregon and Washington)

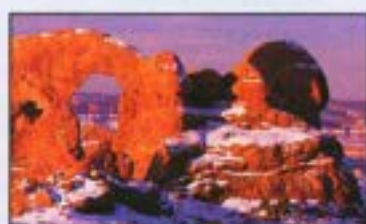
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◆ **Our 1991 Outings Catalog** features selected photographs from recent Sierra Club publications, including *Alakshak* by Art Wolfe, *Wild by Law* by Tom Turner/Photographs by Carr Clifton, *The Yosemite* by Galen Rowell, and the *1991 Engagement Calendar*.

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91059	Havasupai Reservation, Grand Canyon, Arizona	4/7-12	Highlight	93	91128	The Subway and Orderville, Canyons in Zion Park, Utah	6/23-29	Backpack	58
91034	Galluro Mountains, Galluro Wilderness, Arizona	4/14-20	Backpack	55	91303	Chama River, Rio Grande Forest, Colorado	6/29-7/7	Service	101
91035	"Mystery" Canyons, Utah	4/14-20	Backpack	55	91255	Three Forks Basin Backpack, Colorado	6/30-7/6	Family	80
91061	Havasupai Canyon, Grand Canyon, Arizona	4/14-21	Base Camp	72	91132	West Elk Wilderness Loop, Colorado	6/30-7/7	Backpack	58
91037	Grand Canyon in the Spring, Arizona	4/20-28	Backpack	56	91133	San Juan Mountains Cross-Country Loop, Colorado	7/1-8	Backpack	58
91038	South Rim, Grand Canyon Park, Arizona	4/20-28	Backpack	56	91306	Hunter-Fryingpan Wilderness, White River Forest, Colorado	7/2-12	Service	101
91077	Red Rock Trail Maintenance, Coconino Forest, Arizona	4/21-27	Service	96	91140	Maroon Bells-Snowmass Wilderness, Colorado	7/7-13	Backpack	60

NO.	TITLE	DATE	TYPE	PAGE	NO.	TITLE	DATE	TYPE	PAGE
91310	Pine Valley Trail Maintenance, Dixie Forest, Utah	7/13-20	Service	101	92454	Thanksgiving in the Desert, Arizona and Mexico	11/22-30	Highlight	94
91150	Continental Divide Trail, Colorado	7/14-21	Backpack	61	92434	Colorado River Winter Solstice, Grand Canyon Park, Arizona	12/16-22	Backpack	71
91325	Maroon Bells-Snowmass Wilderness, Colorado	7/19-27	Service	102	<b>WEST</b> <i>(California and Nevada)</i>				
91326	Pike Forest Trail Maintenance, Colorado	7/20-28	Service	102	91032	Condor Country, Los Padres California	3/18-23	Backpack	55
91281	Wet Canyons of Southeast Utah: Van and Hiking Tour	7/21-27	Highlight	94	91057	East Mojave Scenic Area, California	3/24-31	Base Camp	72
91156	The Zirkel Circle, Routt Forest, Colorado	7/21-28	Backpack	63	91058	Anza-Borrego Natural History, California	3/31-4/6	Base Camp	72
91332	Mt. Evans Wilderness Trail Maintenance, Colorado	7/31-8/10	Service	102	91292	Santa Cruz Island Preserve Trail Construction, California	4/5-12	Service	96
91336	Mandall Creek Trail, Flat Tops Wilderness, Colorado	8/2-12	Service	102	91036	Carmel River, Ventana Wilderness, California	4/19-26	Backpack	56
91337	Archaeological Survey, San Juan Resource Area, Colorado	8/3-10	Service	102	91232	Beaches to Pines Tour, San Diego, California	5/5-12	Bicycle	77
91172	Collegiate Peaks Wilderness Adventure, Colorado	8/3-12	Backpack	64	91067	Coastal Redwoods to the Golden Gate, California	5/18-25	Bicycle	77
91173	Continental Divide, Rocky Mountain Park, Colorado	8/4-10	Backpack	64	91049	Skyline to the Sea, Big Basin Redwoods Park, California	5/21-28	Backpack	57
91174	Continental Divide, Rocky Mountain Park, Colorado	8/4-10	Backpack	64	91126	Tilden Lake, Yosemite Park, Sierra	6/16-25	Backpack	58
91175	More Wildflowers of the San Juan Mountains, Colorado	8/4-10	Backpack	65	91300	Ukonom Lake, Marble Mountains, California	6/19-28	Service	99
91190	Mt. Zirkel Wilderness Divide, Routt Forest, Colorado	8/16-25	Backpack	68	91127	Canyon to Canyon: Kings Canyon Park, Sierra	6/20-29	Backpack	58
91196	Colorado's Largest Wilderness: The Weminuche	8/18-28	Backpack	69	91301	Sierra Club's Very Own Trail Project, Sierra Forest, Sierra	6/20-30	Service	99
91359	High Uintas Trail Improvement, Utah	8/20-30	Service	105	91254	Donner Pass Discovery, Tahoe Forest, Sierra	6/23-29	Family	80
91205	High Mountain Color, Flat Tops Wilderness, Colorado	9/1-7	Backpack	70	91129	Mono and Silver Divides, Sierra Forest, Sierra	6/23-30	Backpack	58
91226	Canyon de Chelly Monument, Arizona	9/7-14	Base Camp	74	91130	Rails to Trails, Tahoe Forest, Sierra	6/30-7/4	Backpack Sampler	67
91372	Golden Link Trail, Gila Wilderness, New Mexico	9/14-22	Service	105	91136	Matterhorn Canyon, Yosemite Park, Sierra	7/1-10	Backpack	59
91211	Grand Canyon, Hermit / Bright Angel Loop, Arizona	9/15-21	Backpack	70	91137	Pacific Crest Trail, Trinity Alps, California	7/1-10	Backpack	59
91213	Navajo Wildlands, Navajo Reservation, Arizona	9/21-28	Backpack	71	91305	Boulder Lakes and Barbed Wire, Trinity Alps, California	7/1-11	Service	101
91215	Mesas Milagrosas: The Continental Divide Trail, New Mexico	9/22-28	Backpack	71	91138	Yosemite Sunrise, Yosemite Park, Sierra	7/6-10	Backpack Sampler	67
92456	Kalbab Forest Trail Construction, Arizona	9/23-10/2	Service	107	91221	Vandeburg Lake, Sierra Forest, Sierra	7/6-14	Base Camp	74
92457	Chiricahua Wilderness Trail Maintenance, Arizona	9/25-10/5	Service	107	91141	Pine Creek Loop, Sierra	7/9-18	Backpack	60
92430	Thunder River, Grand Canyon Park, Arizona	9/28-10/5	Backpack	71	91308	Cottonwood Lakes, Sierra	7/10-20	Service	101
92458	Chaco Cultural Historical Park, New Mexico	9/28-10/5	Service	107	91142	New Army Pass, Golden Trout Wilderness, Sierra	7/12-15	Backpack Sampler	67
92453	Anasazi Cliff Dwellings, Mesa Verde Park, Colorado	9/29-10/5	Highlight	94	91256	Hiking Among Redwoods, Big Basin Park, California	7/13-19	Family	80
92459	Zion Trail Construction, Zion Park, Utah	9/30-10/8	Service	107	91146	Lake Hopping in the Sierra, Inyo Forest, Sierra	7/13-20	Backpack	61
92431	Lost in the Maze, Canyonlands Park, Utah	10/2-12	Backpack	71	91147	Pacific Crest Trail, Kings Canyon Park, Sierra	7/13-21	Backpack	61
92436	Havasu Canyon, Grand Canyon, Arizona	10/6-12	Base Camp	75	91278	Glacial Basin Route, Inyo Forest, Sierra	7/13-25	Highlight	93
92432	San Francisco River Canyon, New Mexico and Arizona	10/6-12	Backpack	71	91148	Natural History of the Trinity Alps, California	7/14-20	Backpack	61
92461	Threading the Needle, Canyonlands Park, Utah	10/6-12	Service	107	91149	Alpine Lakes, John Muir Wilderness, Sierra	7/14-21	Backpack	61
92437	Canyon Country Photo Trek, Arches Park, Utah	10/13-19	Base Camp	75	91151	Lakes of the Emigrant Wilderness, Sierra	7/14-21	Backpack	61

NO.	TITLE	DATE	TYPE	PAGE	NO.	TITLE	DATE	TYPE	PAGE
91280	Ansel Adams Wilderness, Yosemite Park, Sierra	7/14-23	Highlight	93	91182	Peaks and Lakes, Ansel Adams Wilderness, Sierra	8/11-17	Backpack	66
91312	Cuddihy Lakes, Marble Mountains, California	7/14-24	Service	101	91184	Silver Divide, John Muir Wilderness, Sierra	8/11-18	Backpack	66
91152	Ritter, Banner, and the Minarets, Sierra	7/15-23	Backpack	61	91247	Lillian and Rainbow Lakes, Minarets Wilderness, Sierra	8/11-18	Burro & Family	79
91313	Deer Creek, Trinity Alps, California	7/16-26	Service	101	91185	Monarch Divide, Kings Canyon Park, Sierra	8/11-19	Backpack	66
91153	Ramble in the Recesses, John Muir Wilderness, Sierra	7/19-27	Backpack	61	91186	Blackcap Basin, John Muir Wilderness, Sierra	8/13-24	Backpack	67
91381	High Sierra Lakes, Sierra	7/21-27	Kayak	110	91187	Siberian Outpost, John Muir Wilderness, Sierra	8/15-24	Backpack	67
91155	Northeast Yosemite, Yosemite Park, Sierra	7/21-28	Backpack	63	91188	Heart of the Range of Light, Kings Canyon Park, Sierra	8/16-24	Backpack	67
91158	Beetlebug Lake, John Muir Wilderness, Sierra	7/22-30	Backpack	63	91189	Palisade Adventure, Kings Canyon Park, Sierra	8/16-24	Backpack	67
91159	Fountains of the Kings, Kings Canyon Park, Sierra	7/22-31	Backpack	63	91191	Sierra Crest Zigzag, Yosemite Park, Sierra	8/17-24	Backpack	68
91160	Rocky Basin Ramble, Golden Trout Wilderness, Sierra	7/23-30	Backpack	63	91262	Glacier Divide, John Muir Wilderness, Sierra	8/17-24	Family	81
91161	Mt. Electra, Ansel Adams Wilderness, Sierra	7/25-8/4	Backpack	63	91192	Alpine Ecology, Yosemite Park, Sierra	8/18-24	Backpack	69
91327	Upper Piute Canyon Trail Maintenance, Sierra	7/25-8/4	Service	102	91194	Sierra Crest Ramble, John Muir Wilderness, Sierra	8/18-25	Backpack	69
91162	Yosemite Panoramic Trek, Yosemite Park, Sierra	7/26-8/3	Backpack	63	91248	In the Shadow of the Ritter Range, Sierra	8/18-25	Burro	79
91163	Triple Divide Peak, Sequoia Park, Sierra	7/27-8/4	Backpack	63	91195	Footloose Through Mineral King, Sequoia Park, Sierra	8/18-26	Backpack	69
91164	Yosemite After the Fires, Yosemite Park, Sierra	7/27-8/4	Backpack	64	91285	Cloud and Deadman Canyons, Kings Canyon Park, Sierra	8/18-29	Highlight	94
91382	Trinity River, California	7/28-8/2	Canoe	110	91353	Yosemite Revegetation Project, Yosemite Park, Sierra	8/18-29	Service	104
91223	Donner Pass Art, Hiking, and High Living, Sierra	7/28-8/3	Base Camp	74	91198	John Muir and the Three Bears, Sierra Forest, Sierra	8/22-31	Backpack	69
91166	Along the North Boundary Crest, Yosemite Park, Sierra	7/28-8/4	Backpack	64	91199	Pyramid Peak, John Muir Wilderness, Sierra	8/22-31	Backpack	69
91245	Cora Lakes, Ansel Adams Wilderness, Sierra	7/28-8/4	Burro & Family	79	91200	South Whitney Crest, Sequoia Park, Sierra	8/24-9/1	Backpack	69
91167	Mt. Brewer Loop, Sequoia and Kings Canyon Parks, Sierra	8/2-9	Backpack	64	91201	Valhalla Vista, Sequoia Park, Sierra	8/25-31	Backpack	69
91283	Cirque Crest, Kings Canyon Park, Sierra	7/28-8/7	Highlight	93	91202	Cottonwood Lakes, Golden Trout Wilderness, Sierra	8/25-9/1	Backpack	69
91329	Honeymoon Lake Trail Maintenance, Inyo Forest, Sierra	7/28-8/7	Service	102	91203	Yosemite Natural History, Yosemite Park, Sierra	8/25-9/1	Backpack	70
91168	Bloody Mountain, John Muir Wilderness, Sierra	8/2-10	Backpack	64	91204	Wheeler Peak, Great Basin Park, Nevada	8/31-9/7	Backpack	70
91169	For a King's Ransom, Kings Canyon Park, Sierra	8/2-10	Backpack	64	91206	Kaweah High Country Traverse, Sequoia Park, Sierra	9/1-8	Backpack	70
91170	Women's Backpack, Ansel Adams Wilderness, Sierra	8/3-10	Backpack	64	91207	Convicts' Escape, John Muir Wilderness, Sierra	9/4-12	Backpack	70
91258	Emily Lake, Ansel Adams Wilderness, Sierra	8/3-10	Family	80	91208	Mammoth Crest, John Muir Wilderness, Sierra	9/6-14	Backpack	70
91171	Great Western Divide, Kings Canyon Park, Sierra	8/3-11	Backpack	64	91286	Seven Gables, John Muir Wilderness, Sierra	9/7-14	Highlight	94
91259	Emerald Lakes Basin, John Muir Wilderness, Sierra	8/4-10	Family	80	91209	Silver Divide, John Muir Wilderness, Sierra	9/7-15	Backpack	70
91176	Miter Basin, John Muir Wilderness, Sierra	8/4-11	Backpack	65	91263	Tuolumne Toddler Tromp, Yosemite Park, Sierra	9/8-14	Family	81
91246	Post Peak Pass, Yosemite Park, Sierra	8/4-11	Burro	79	91287	Muir Crest Trek, Inyo Forest and Kings Canyon Park, Sierra	9/8-21	Highlight	94
91225	Pioneer Basin, John Muir Wilderness, Sierra	8/4-13	Base Camp	74	91389	California Bays Sampler, California	9/16-21	Kayak	111
91180	Glacier Divide and Bear Lakes, John Muir Wilderness, Sierra	8/9-18	Backpack	66	92462	Channel Islands Park Maintenance, California	10/6-13	Service	107
91349	Bear Creek Canyon Trail Maintenance, Sierra Forest, Sierra	8/10-20	Service	104	92465	Santa Cruz Island Maintenance, California	10/21-28	Service	107

## RESERVATION & CANCELLATION POLICY

**Eligibility:** 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 must have their own memberships unless they are under 12 years of age.

Unless otherwise specified, a person under 18 years of age may join an outing only if accompanied by a parent or responsible adult or with the consent of the leader.

**Applications:** One reservation form should be filled out for each trip by each person; spouses and families (parents and children under 21) may use a single form. Mail your reservation, together with the required deposit, to the address below. No reservations will be accepted by telephone.

Reservations are confirmed on a first-come, first-served basis. However, when acceptance by the leader is required (based on applicant's experience, physical condition, etc.), the reservation is confirmed subject to the leader's approval, for which the member must apply promptly. When a trip is full, later applicants are put on a waitlist.

Give some 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.

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.

Reservations are accepted subject to these general rules and to any specific conditions announced in the individual trip brochures.

**Deposit:** A deposit is required with every trip application. The amount of the deposit varies with the trip price, as follows:

<i>Trip price per person</i>	<i>Deposit per individual</i>
<i>Up to \$499</i>	<i>\$50 per person (with a maximum of \$100 per family on family trips)</i>
<i>\$500 to \$999</i>	<i>\$100 per person</i>
<i>\$1,000 and above</i>	<i>\$200 per person</i>

The deposit is applied to the trip price when the reservation is confirmed. All deposits and payments should be in U.S. dollars.

**Payments:** Generally, adults and children pay the same price; some exceptions for family outings are noted. You will be billed upon receipt of your application. Full payment of trip is due 90 days prior to trip departure. Trips listed in the "Foreign" section require an additional payment of \$300 per person six months before departure. Payments for trips requiring the leader's acceptance are also due at the above times, regardless of your status. If payment is not received on time, the reservation may be canceled and the deposit forfeited.

No payment (other than the required deposit) is necessary for those waitlisted. The applicant will be billed when placed on the trip.

The trip price does not include travel to and from the roadhead, or specialized transportation on some trips (check trip brochure). Hawaii, Alaska, and Foreign trip prices do not include airfare.

**Transportation:** Travel to and from the roadhead is your responsibility. To conserve resources, trip members are urged to form carpools on a shared-expense basis or to use public transportation. On North American trips the leaders will try to match riders with drivers. On some overseas trips you may be asked to make your travel arrangements through a particular agency.

Infrequently the Sierra Club finds it necessary to cancel trips. The Club's responsibility in such cases is limited in accordance with the Trip Cancellation Policy. Accordingly, the Sierra Club is not responsible for nonrefundable

### FOREIGN TRIP TIER-PRICING

◇ Foreign Outings are tier-priced. This means a trip's price is dependent on the number of participants. Two prices are listed for a trip, showing the signup levels associated with each.

◇ Final billing is based on the signup level at 90 days prior to the trip departure. If the signup level goes up sufficiently between the billing and departure dates, the lower tier price will apply, and refunds will be issued after the trip is over.

◇ Cancellations from trips where the tier price has changed are subject to our reservation and cancellation policy. All standard cancellation fees will apply.

airline or other tickets or payments or any similar penalties that may be incurred due to a trip cancellation.

**Confirmation:** A reservation is held for a trip applicant, if there is space available, when the appropriate deposit has been received by the Outing Department. A written confirmation is sent to the applicant. Where leader approval is not required, the reservation is unconditional. Where leader approval is required, the reservation is confirmed subject to the leader's approval. If there is no space available when the application is received, the applicant is placed on the waitlist and the deposit is held pending an opening. When a leader-approval trip applicant is placed on the waitlist, the applicant should seek immediate leader approval so that in the event of a vacancy the reservation can be confirmed. When a person with a confirmed reservation cancels, the person at the head of the waitlist will automatically be confirmed on the trip, subject to leader approval on leader-approval trips. The applicant will not be contacted prior to this automatic reservation confirmation, except in the three days before trip departure.

**Refunds:** You must notify the Outing Department directly during working hours (weekdays 9 to 5; ph. 415-923-5630) of cancellation from either the trip or the waitlist. The amount of the refund is determined by the date that the notice of cancellation by a trip applicant is received at the Outing department. The refund amount may be applied to an already-confirmed reservation on another trip.

**A cancellation from a leader-approval trip will be treated exactly as a cancellation from any other type of trip, whether the leader has notified the applicant of approval or not.**

The Outing Committee regrets that it cannot make

**exceptions to the Cancellation Policy for any reason, including personal emergencies.** Cancellations for medical and other reasons are often covered by traveler's insurance, and trip applicants will receive a brochure describing this type of coverage. You can also obtain information regarding other plans from your local travel or insurance agent. We encourage you to acquire such insurance.

Trip leaders have no authority to grant or promise refunds.

**Transfers:** For transfers from a confirmed reservation made 14 or more days prior to the trip departure date, a transfer fee of \$50 is charged per application.

Transfers made 1 to 13 days before the trip departure date will be treated as a cancellation, and the Cancellation Policy will apply. No transfer fee is charged if you transfer from a waitlist.

A complete transfer of funds from one confirmed reservation to another, already held, confirmed reservation will be treated as a cancellation, and will be subject to cancellation fees.

**Medical precautions:** On a few trips, a physician's statement of your physical fitness may be needed, 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. Costs 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. Since such costs are often great, medical and evacuation insur-

ance is advised, as the Club does not provide this coverage for domestic trips. Participants on trips listed in our "Foreign" section are covered by limited medical, accident, and repatriation insurance. Professional medical assistance is not ordinarily available on such trips. Be sure your insurance covers you in the countries involved.

**The leader is in charge:** At the leader's discretion, a member may be asked to leave the trip if the leader feels the person's further participation may be detrimental to the trip or to the individual.

**Please don't bring these:** Radios, sound equipment, firearms, and pets are not allowed on trips.

Time or event of cancellation	Amount forfeited per person	Amount refunded per person
1) Disapproval by leader (once leader-approval information has been received) on leader-approval trips	None	All amounts paid toward trip price
2) Cancellation from waitlist, or the person has not been confirmed three days prior to trip departure	None	All amounts paid toward trip price
3) Trip canceled by Sierra Club	None	All amounts paid toward trip price
4) Cancellation from confirmed position or confirmed position subject to leader approval		
a) 90 days or more prior to trip departure date	\$100 or amount of deposit, whichever is less	All amounts paid toward trip price exceeding forfeited amount
b) 60-89 days prior to trip departure date	Amount of deposit	As above
c) 14-59 days prior to trip departure date	20% of trip fee, but not less than the amount of deposit	As above
d) 4-13 days prior to trip departure date if replacement can be obtained from waitlist	30% of trip fee, plus \$50 processing fee, but in no event more than 50% of total trip fee	As above
e) 4-13 days prior to trip departure date if replacement cannot be obtained from waitlist (or if there is no waitlist at the time of cancellation processing)	40% of trip fee, plus \$50 processing fee, but in no event more than 50% of total trip fee	As above
f) 0-3 days prior to trip departure date	Trip fee	No refund
g) "No-show" at the roadhead, or if participant leaves during the trip	Trip fee	No refund

**Mail checks and applications (excluding those sent by express-mail) to:**  
Sierra Club Outing Department  
Dept. #05618, San Francisco, CA 94139

**Mail all other correspondence (including express-mail applications) to:**  
Sierra Club Outing Department  
730 Polk St., San Francisco, CA 94109

## FOR MORE DETAILS ON OUTINGS

Outings are described more fully in trip brochures, which are available from the Outing Department. Trips vary in size, cost, and physical stamina and experience required. New members may have difficulty judging which trip is best suited to their own abilities and interests. Don't sign up for the wrong one! Ask for the trip brochure before making reservations to save yourself the cost and inconvenience of changing or canceling a reservation. The first three brochures are free. Please enclose 50 cents apiece for extras. Write or phone the trip leader if any further questions remain.

Send brochures (order by trip number):

# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Enclose is \$\_\_\_\_\_ for extra brochures at 50 cents each.

Please allow 2 to 4 weeks for delivery. **Do not mail cash.**

Clip coupon and mail to: Sierra Club Outing Department, 730 Polk St., San Francisco, CA 94109

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outings  
1991 sierra club



## THE FIGHT TO SAVE ALASKA

*Continued from page 44*

back by asking House members to restore the strong provisions of the original H.R. 39. Thanks to grassroots pressure, conservationists won the decisive floor vote, 268 to 157, in May 1979.

The bill that passed the Senate a year later was much weaker, a "staggering litany of giveaways," according to Representative Jim Weaver (D-Ore.). It protected substantial acreage, but was filled with egregious loopholes that threatened the Arctic Refuge, Tongass National Forest, and other splendid Alaska wildlands.

Udall was furious. He responded by introducing a new House bill, aimed specifically at strengthening the Senate-passed measure, just as Congress recessed for the 1980 elections. His plan was to have a showdown vote in the post-election lame-duck session.

Election Day 1980 made that impossible. President-elect Ronald Reagan made no pretense to a conservation commitment, having lambasted the Alaska "land grab" throughout his campaign. That night, with Reagan heading for the White House and the Republicans taking control of the Senate, conservationists knew the luck that had brought the Alaska campaign so far had run out.

Within days coalition leaders reached the only decision possible: They would have to accept the Senate compromise, foregoing the now-hopeless fight to adopt Udall's new bill during the lame-duck session. We were not going to pass a strong bill that winter, and would have no

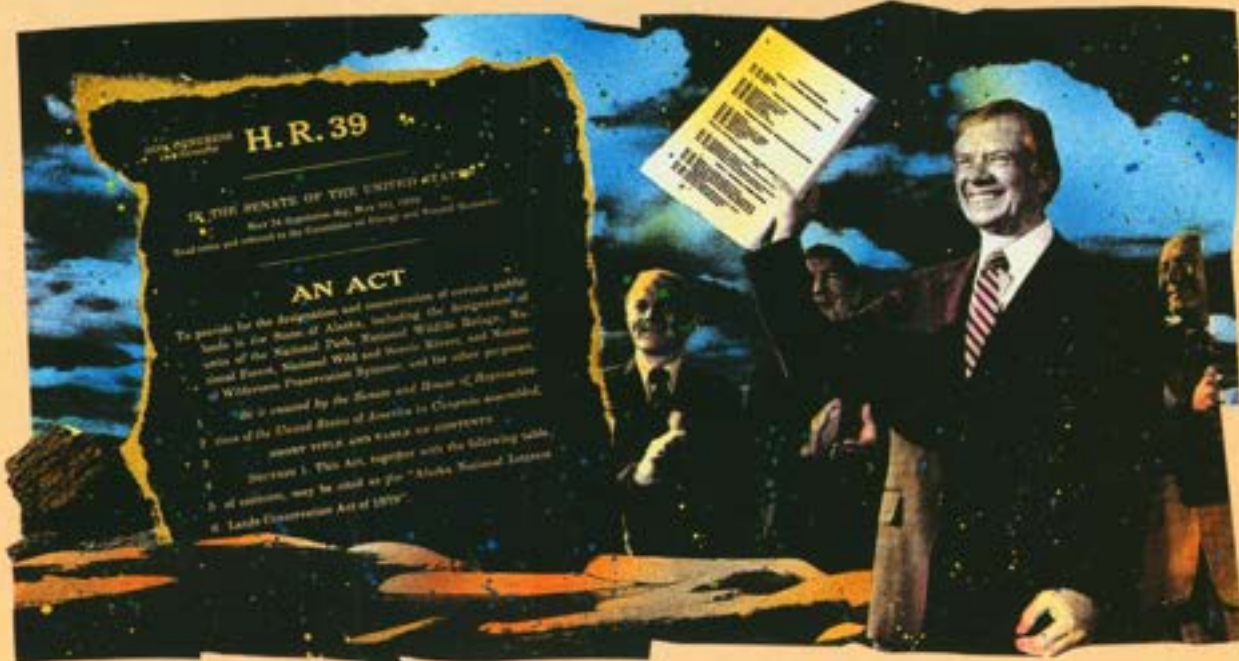
prospect of doing so as long as Reagan was in office.

Even with its compromises, the Alaska National Interest Lands Conservation Act was a historic step. It brought 44 million acres of new national parks and preserves into our National Park System. It more than doubled the size of the Arctic National Wildlife Refuge, to 18 million acres, and established 36 million acres of other new refuges. It designated 51 million wilderness acres within the parks and refuges and another 5.3 million acres of wilderness areas in the Tongass National Forest, including almost a million acres on Admiralty Island. It protected segments of 25 Alaskan rivers. The legislation could have been better—covering more land, and affording stronger protections. Yet it was far more than just a good start.

On December 2, 1980, President and Mrs. Carter presided over a large ceremony in the East Room of the White House. Alaska Coalition staff were there, and so were other conservation leaders and the tireless grassroots volunteers. Representatives Udall and Seiberling and senators Stevens and Jackson attended, as well as the lobbyists who had fought so hard against the bill. Greeting them all with his indomitable smile, the defeated President spoke of the glories of the new protected areas, and then signed the historic act.

The fighting was not over—not by any means. But the conservation bill of the century had become the law of the land.

*DOUGLAS SCOTT, formerly a Sierra Club Associate Executive Director, coordinated conservationists' Capitol Hill lobbying for Alaska-lands legislation in 1971 and again in 1978-1980.*



RONALD STUTTING. SOURCE PHOTO: LIP. BETTMAN

# A LASTING FRONTIER



*Muir Inlet, Glacier Bay National Park*



With the stroke of a president's pen, the 1980 Alaska National Interest Lands Conservation Act (ANILCA) added 103 million acres of protected areas to a state that had had only about 30 million. In the process the size of the U.S. national-park and wildlife-refuge systems doubled instantly. Malaspina, a single glacier within the newly christened Wrangell-St. Elias National Park and Preserve, was as big as the state of Rhode Island. The park itself, 13.2 million acres, was the largest in the American system—as big as six Yellowstones. The new law's sweeping scale

made it, according to Alaskan author Kim Heacox, nothing less than a "Louisiana Purchase" for conservationists.

But the lands saved by the act were worth more than the sum of their acreage. The newly protected areas offered some of nature's finest spectacles: the blue glow of icebergs at Glacier Bay, grizzlies grazing at Katmai, the ethereal light crowning peaks at Gates of the Arctic, bald eagles soaring over the Aleutians, the moss-padded forests of Misty Fjords. In a larger sense, they promised all Americans the gift of a lasting frontier.

—Douglas Scott



PHOTO: MICHIGANIAN

*Grizzlies in Katmai National Park*



JEFF LONAS

*Punchbowl Lake, Misty Fjords National Monument*

## THE LEGACY OF THE LANDS ACT

**B**efore 1980, Alaska had one national park, two monuments, and a handful of wildlife refuges. After passage of the Alaska National Interest Lands Conservation Act, the state gained seven national parks, ten national preserves,

four national monuments, nine national wildlife refuges, and 25 wild and scenic rivers. The map below shows the state's more ecologically secure post-1980 geography, as well as wilderness added in 1990 by the Tongass Reform Act.

### National Park System

- Non-Wilderness
- Wilderness

1. Aniakchak NM & P
2. Bering Land Bridge NPr
3. Cape Krusenstern NM
4. Denali NP & Pr
5. Gates of the Arctic NP & Pr
6. Glacier Bay NP & Pr
7. Katmai NP & Pr
8. Kenai Fjords NP
9. Kobuk Valley NP
10. Lake Clark NP & Pr
11. Noatak NPr
12. Wrangell-St. Elias NP & Pr
13. Yukon-Charley Rivers NPr

Abbreviations: N = National, P = Park, Pr = Preserve, M = Monument

### Bureau of Land Management System

- Conservation Areas

14. Steese National Conservation Areas
15. White Mountain National Recreation Area

### National Wild and Scenic Rivers System

- Rivers

### National Forest System

- Non-wilderness
- Wilderness added in 1980
- Wilderness added in 1990

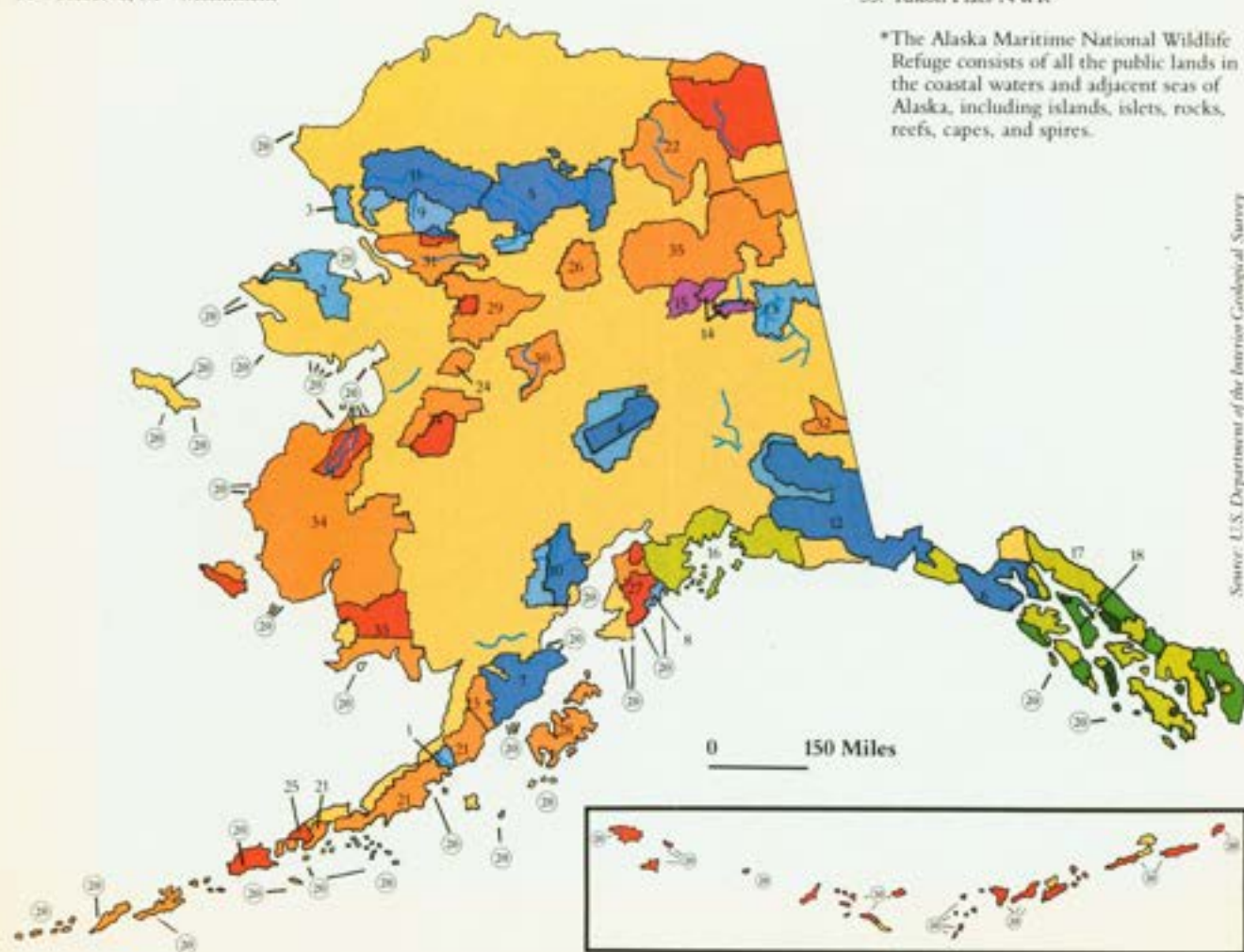
16. Chugach National Forest
17. Tongass National Forest
18. Admiralty Island National Monument
19. Misty Fjords National Monument

### National Wildlife Refuge System

- Non-Wilderness
- Wilderness

20. Alaska Maritime NWR\*
21. Alaska Peninsula NWR
22. Arctic NWR
23. Becharof NWR
24. Innoko NWR
25. Izembek NWR
26. Kanuti NWR
27. Kenai NWR
28. Kodiak NWR
29. Koyukuk NWR
30. Nowitna NWR
31. Selawik NWR
32. Tetlin NWR
33. Togiak NWR
34. Yukon Delta NWR
35. Yukon Flats NWR

\*The Alaska Maritime National Wildlife Refuge consists of all the public lands in the coastal waters and adjacent seas of Alaska, including islands, islets, rocks, reefs, capes, and spires.



Source: U.S. Department of the Interior Geological Survey

HEIDA OWEN



JEFF GARDNER

*Sunrise on the Arrigetch Peaks, Gates of the Arctic National Park*



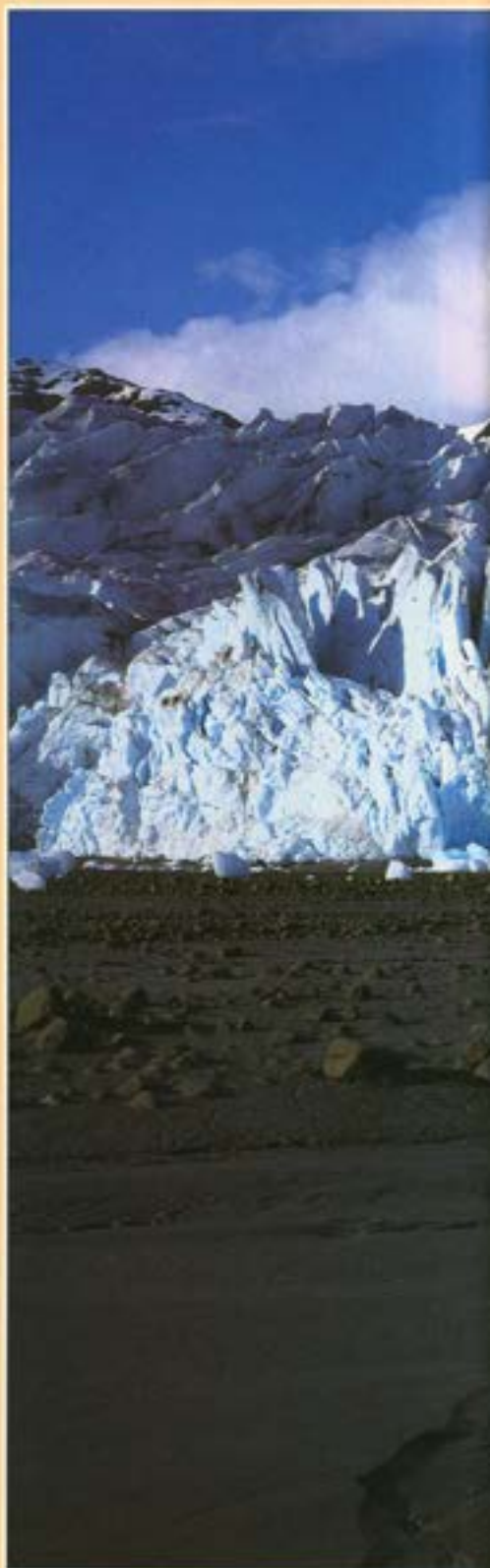
KENNETH WARD / ORN PHOTO

*Horned puffins*



JEFF GRANGER

*Bartlett Cove, Glacier Bay National Park*





FRED HIRSCHMANN

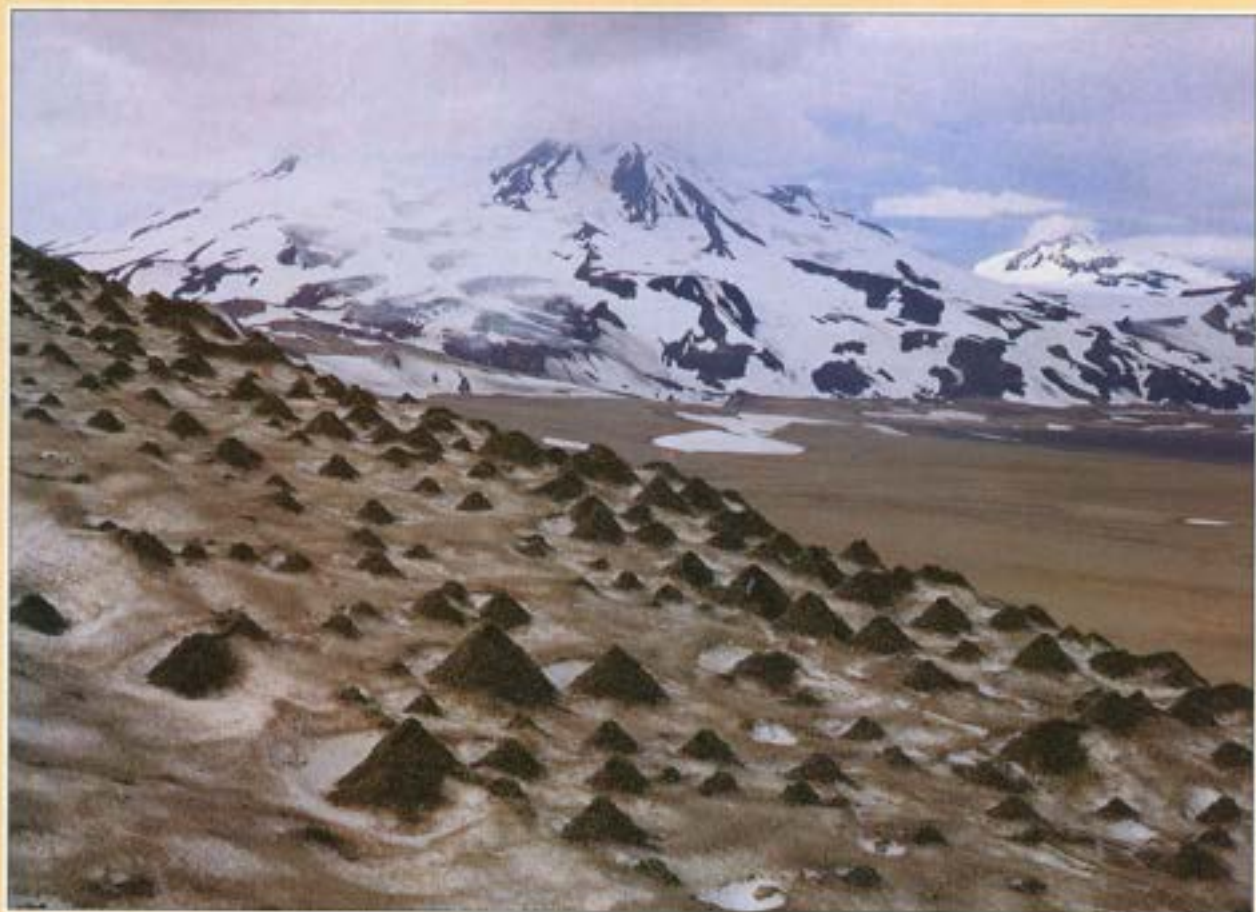
*Low tide at Muir Inlet, Glacier Bay National Park*





JOHNNY JOHNSON

*Bald eagle, Alaska Maritime National Wildlife Refuge*



FRED HROSCHEK

*Volcanic cones, Katmai National Park*



*Tongass National Forest*

## WHERE VICTORY CAME LATE

**T**he 5 million acres of wilderness established in Tongass National Forest by the 1980 Alaska Lands Act were offset by a Senate provision mandating massive new logging in the rest of the forest and guaranteeing the Forest Service money to do it. The provision led to serious overcutting in the Tongass during the 1980s.

Finally, in late 1990, activists led by the Southeast Alaska Conservation Council helped pass a law that eliminated the logging mandate and the guaranteed appropriation while protecting more than a million

acres from commercial cutting. About a third of that acreage was designated as wilderness. Sierra Club Alaska Representative Jack Hession, a veteran of the original fight,



*Excessive logging, shown above on Chichagof Island, was the primary target of the 1990 Tongass Reform Act.*

calls the new law "a breakthrough." Although it does not protect as broad an area as conservationists would have liked, the Tongass bill does establish the first new Alaskan wilderness areas since passage of ANILCA ten years ago—and much of that acreage is carpeted with prime commercial timber. "For once," Hession says, "Congress placed a higher value on wilderness than on logging."

# THE NEXT CAMPAIGN



*The caribou, symbol of the Arctic Refuge's coastal plain.*



**T**he Arctic National Wildlife Refuge remains under siege, and some of Alaska's finest parks are overrun and underfunded. Once again, it's time for conservationists to focus on our northernmost wildlands.

Despite decades of progress in Alaska, conservationists see difficult challenges ahead. "The Alaska Lands Act was not an end," Sierra Club Alaska Task Force Chairman Edgar Wayburn says, "but a beginning."

Some problems have resulted from loopholes in the act. Others are attributable to ten years of neglect, inadequate funding, and hostile management by the

Reagan and Bush administrations. While millions of Alaskan acres are now reasonably safe from development, millions more remain in jeopardy, some in imminent peril.

As the 102nd Congress convenes, conservationists face their next and perhaps most significant Alaska challenge. In January President Bush will begin a new, all-out fight to open the

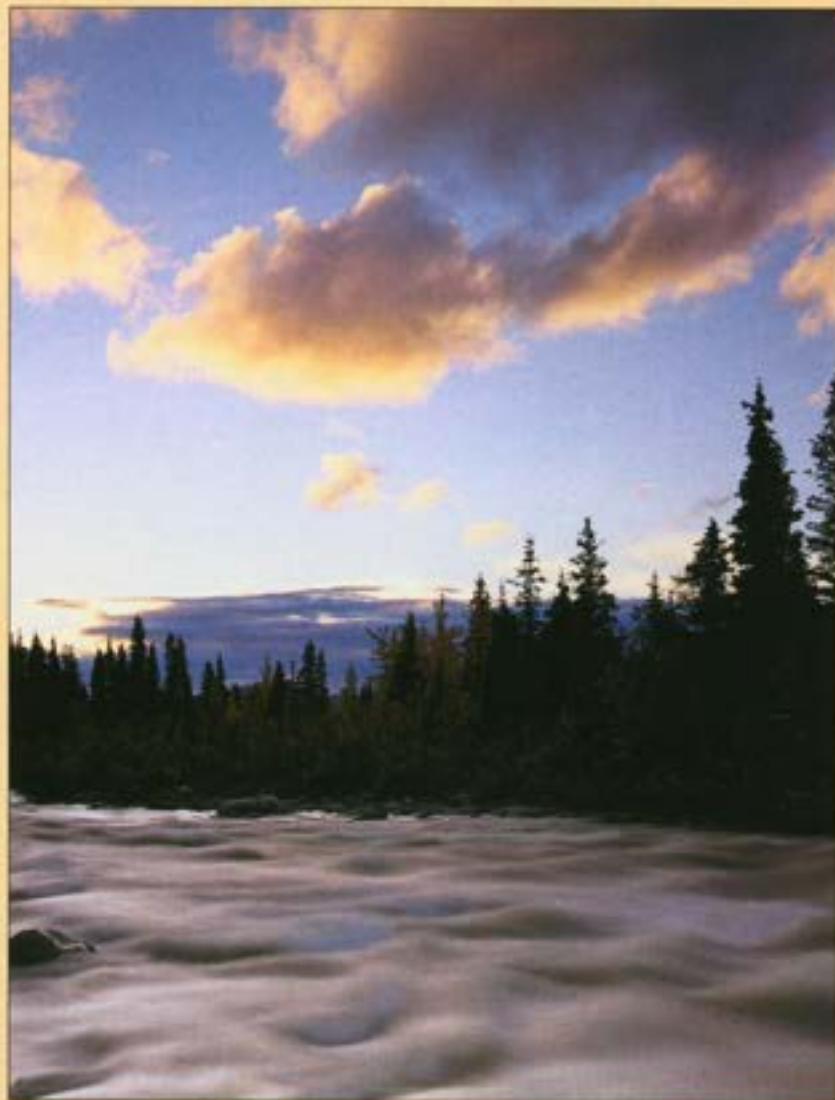
coastal plain of the Arctic National Wildlife Refuge to oil development. With the latest Mideast oil crisis on everyone's minds, he just might get away with it—unless the American public tells him to stop.

"If you want to see Alaska as it is, stop reading now and call for an airline reservation. Tomorrow it will be a different place." That was the ominous advice Sierra

Club members received in the summer of 1969. Thanks to an enormous effort, much of wild Alaska is not "a different place" today. But unless conservationists rally again—focusing on the challenges described on the following pages—we will lose the Arctic Refuge, and the full promise of the Alaska Lands Act will go unfulfilled.—*Douglas Scott*



*From tiny wildflowers to rushing rivers, Alaska has unparalleled riches to offer the nation's wilderness system. At left, Siberian plox. Below, Denali's Moose Creek.*



## WILDERNESS

**T**he Alaska Lands Act designated 56 million acres of new wilderness; in addition, it directed that the wilderness potential of all other lands within parks and refuges be assessed. It required completed studies by 1985 and recommendations from the White House to Congress by 1987. Though it looked good on paper, this mandate was handed to Interior Secretary James Watt, and later to his equally unsympathetic successors.

Interior Department agencies eventually studied 77 million acres, almost all of which qualified for wilderness designation. But recommendations made by the agencies' Alaska staff were not accepted at the Washington level, and Interior's draft proposals, which recommended only 8 million acres of additional wilderness, never reached Congress or the President.

In the Arctic National Wildlife Refuge, for instance, a planning team in the field tried to persuade those at higher levels in the Fish and Wildlife Service to designate as wilderness every acre of the 9.5 million added to the refuge by the Alaska Lands Act. Eventually, yielding to pressure from Reagan appointees, the agency cut its professionals' recommendation down to zero.

Only a third of 3.7 million acres studied in Denali National Park remain in the current recommendation.

## THE ARCTIC NATIONAL WILDLIFE REFUGE

*The refuge's sprawling coastal plain (below); province of wildlife or petroleum? Upper right, Arctic fox kits; lower right, a drill rig at nearby Prudhoe Bay.*

**S**weeping across northeast Alaska, the Arctic National Wildlife Refuge—together with adjacent protected lands in Canada—forms North America's largest wildlife reserve. At the ecological

heart of the area lies the coastal plain, which provides the richest and most diverse wildlife habitat in all of the refuge's 18 million acres.

In 1978, and again in 1979, the House passed an

Alaska lands bill that granted the coastal plain wilderness status. But the Senate would not agree, and 1.5 million acres of the Arctic coastal plain were left for further study because of their potential for oil drilling.



In the spring of 1989 the oil industry and the Bush White House promoted a bill, as the Reagan administration had done earlier, that would have torn open these splendid wildlands. But before the Senate could begin debate, the Exxon

Váldez (as its skipper put it) "fetched up hard aground" on Bligh Reef—and so did the industry's bill.

Now development boosters are using the Midwest crisis as a new reason for invading the refuge, equating development of the

coastal plain with national security. Conservationists occupy the strategic high ground, however. Because of the strong public support for protective legislation during the Alaska Lands Act debate, Congress made the coastal plain off-limits to

drilling *unless and until* it passes a law opening the area. But opponents of development should harbor no illusions of easy victory; because of the situation in the Persian Gulf, the dispute over the Arctic will reach new heights in 1991.



AP/WIDE WORLD



JOHNNY JOHNSON



AP/WIDE WORLD

## WILD AND SCENIC RIVERS

**F**ourteen of the 25 rivers added to the nation's Wild and Scenic Rivers System in 1980 flowed through new parks or wilderness areas, where the designation was not crucial. But the other 11 gained much-needed protection from their wild-river status. Now, the Sierra Club believes, more of Alaska's vulnerable streams need to be examined.

For starters, according to Sierra Club Alaska Repre-

sentative Jack Hession, Congress should look at the river study mandated by the Alaska Lands Act. In it, eight worthy additions to the system were identified—the Squirrel (1), Urukok (2), Colville (3), Etluk-Nigu (4), Sheenjok (5), Porcupine (6), Situk (7), and the Kisaralik (8). Studies were completed on all of these streams, but the Interior Department and the White House have failed to forward recommendations to Congress.

## THE OIL COMPLEX

**I**n March 1989 the world witnessed the tragic wreck of the *Exxon Valdez*. It was not the first Alaskan oil spill—only the largest. Over the years other spills have contaminated the waters of Prince William Sound and the tundra ponds of the North Slope near Prudhoe Bay. The badly worn pipeline system and its legions of oil rigs are

additional reminders that, even in a state as relatively pristine as Alaska, industrial development lies dangerously close to wilderness.

Yet, as the *Exxon Valdez* disaster proved, existing federal and state laws are inadequate to protect against such catastrophes. Passage of the 1990 Oil Spill Liability Act was a strong first step toward making oil transport safer through tougher regulations and higher liability limits for shippers. But it was only a beginning.

Conservationists will be keeping careful watch on the Interior Department's audit of the pipeline system, an action called for by the new liability act. They will also be working to protect state and local regulations that are threatened by the oil lobby.

"Alaska's industrial complex is growing," warns Sierra Club lobbyist Mike Matz. "The state's wildlife and unspoiled wilderness must be protected."

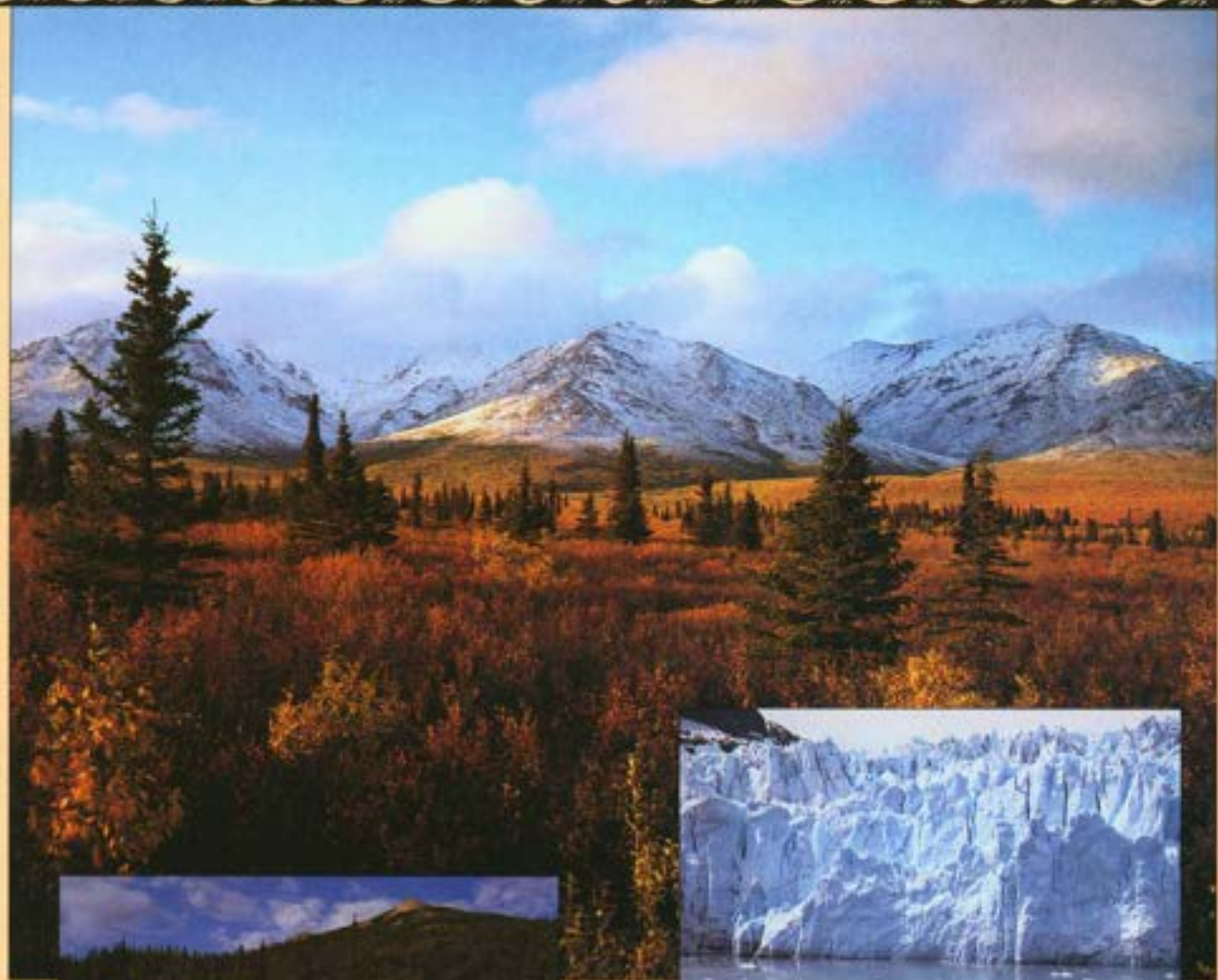
*The 1989 Exxon oil spill blackened the shores of Chugach National Forest, shown at left on Eleanor Island.*



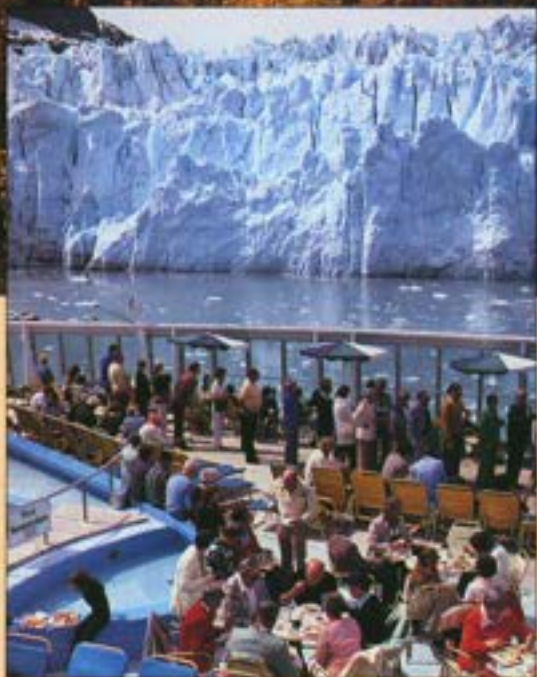
MAISON ZOI CARTOGRAPHIE



KAREN JETTNER



*An autumn snow dusts the peaks of the Alaska Range in Denali National Park (top), Denali border schlock (above). A cruise ship plies Glacier Bay (right).*



## THE BUDGET SQUEEZE

**F**rom the beginning, the giant parks and refuges established in 1980 were caught in a budget squeeze. The result of this insufficient funding has been ineffective law enforcement: In some places anti-poaching and other park rules are broken with impunity. The squeeze also means that park officials lack money to acquire inholdings, so commercial developments—everything from

mines to tourist traps—are springing up within and just outside many park and refuge borders.

Handling increasing numbers of visitors has also become difficult in many protected areas. In Denali National Park and Preserve, for instance, visitor numbers have nearly tripled since the mid-1980s, while appropriations have increased only slightly.





## NEW FRONTIERS

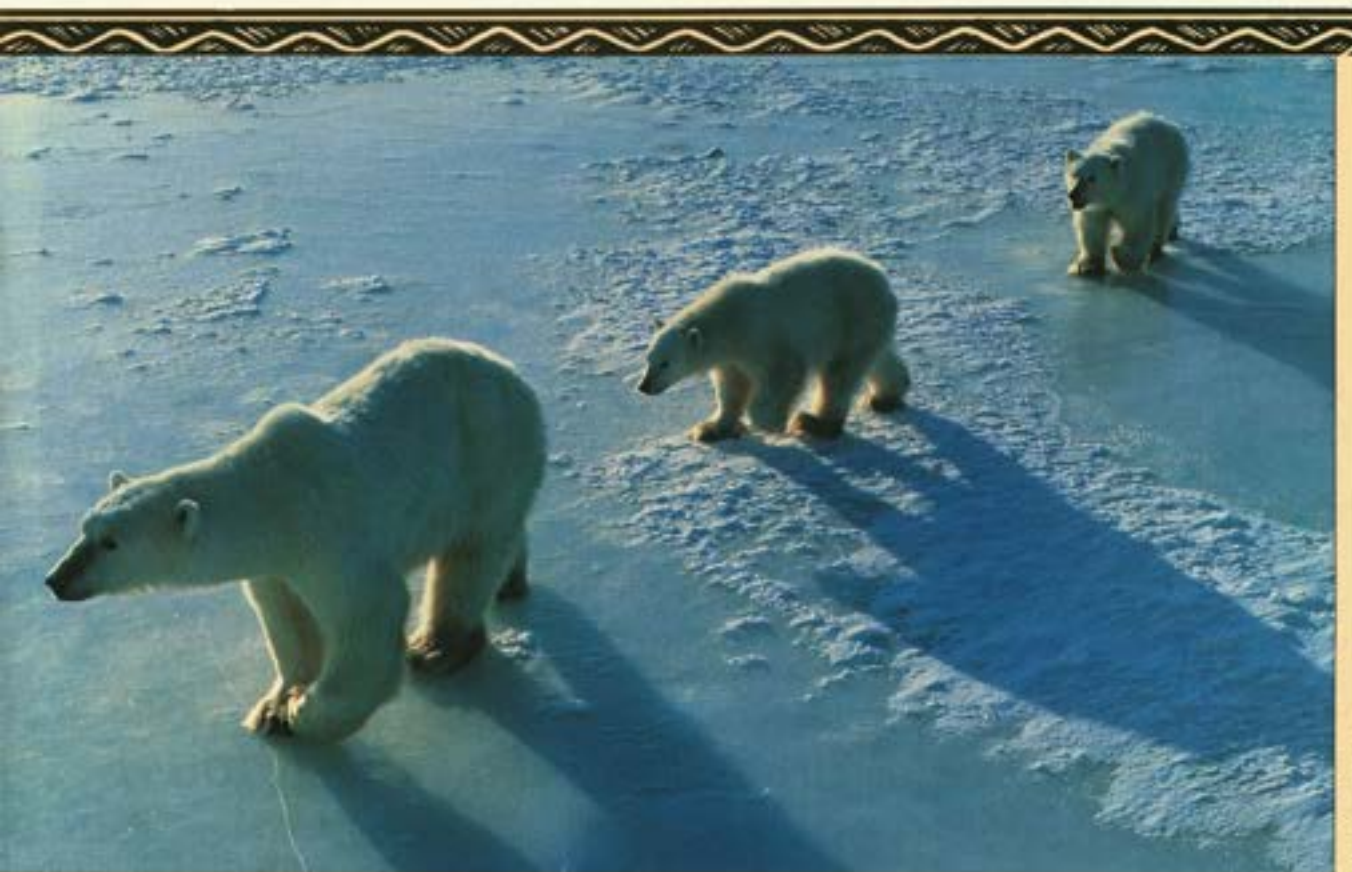
**T**he Alaska Lands Act did not identify every area of national significance in the state. Lands retained by the Bureau of Land Management got the shabbiest treatment: Although wilderness studies are required for all roadless areas on BLM lands in other states, the act released the agency from its obligation to study any of its 70 million acres in Alaska. Other important areas—potential wildlife refuges, wild rivers, marine sanctuaries, national parks, even international parks—were ignored as controversy swirled over bigger, more urgent questions. Ten years later the dust has settled. We need to take a fresh look at Alaska's natural assets.

FRED HEISCHMAN



*In the Becharof National Wildlife Refuge, the Alaska Lands Act left the Mt. Peulik area (top) open to development as an oil-and-gas transportation corridor. Conservationists think the area deserves wilderness designation. Bering Land Bridge National Preserve (left) may someday be a part of the proposed Beringia International Park, along with neighboring wildlands in the Soviet Union. Polar bears (top right) would be one of the beneficiaries of the proposed Beaufort and Chukchi national marine sanctuaries.*

FRED HEISCHMAN



DAN OSWALD/ALISTOCK

## HOW TO HELP

**T**he 102nd Congress will address a number of important Alaska issues, but none needs more grassroots support than the fight to block oil drilling on the coastal plain of the Arctic National Wildlife Refuge. President Bush and the oil industry are determined to pass legislation this year that would open the Arctic Refuge. For conservationists, the immediate task is to block any such bill. The long-term goal is to pass H.R. 39 and S. 39, which would designate as wilderness all of the imperiled 1.5-million-acre coastal plain. These bills will be reintroduced on the opening day of the new Congress.

You can help. Write to your representative (House Office Building, Washington, DC 20515) and your two senators (Senate Office Building, Washington, DC 20510), urging them to protect the Arctic Refuge, to vote against any oil-drilling bill, and to work instead for a new national energy policy focused on energy conservation and improved automobile fuel efficiency. Ask them to cosponsor H.R. 39 or S. 39.

If you are interested in helping with efforts to influence all members of Congress, contact your Sierra Club chapter's conservation chair.



To obtain a copy of the Club's detailed activist kit for the Arctic wilderness campaign, which includes an up-to-date list of all cosponsors, write to: **Alaska Campaign**, Conservation Department, Sierra Club, 730 Polk St., San Francisco, CA 94109. You may also request the Club's quarterly newsletter, *Alaska Report*, which covers all Alaska issues; it is free to Club members.

More information about conservation problems in the state—and what you can do to help—can be obtained by writing to **Sierra Club Alaska Representative** Jack Hession at 241 E. 5th Ave., Suite 205, Anchorage, AK 99501. Copies of the current management plans for specific areas can be requested from the appropriate regional office: **National Park Service**, 2525 Gambell St., Room 107, Anchorage, AK 99503; **U.S. Fish and Wildlife Service**, 1011 E. Tudor Rd., Anchorage, AK 99503;

**U.S. Forest Service**, 709 W. 9th St., Juneau, AK 99801; **Bureau of Land Management**, Federal Building, 7th and 8th Sts., Anchorage, AK 99501.

The history of the Alaska lands fight described in this issue is recounted in more detail in a booklet by Robert Cahn: *The Fight to Save Wild Alaska* (National Audubon Society, 1982). ■

FRED WROCHMAN



Susan and Alex Tilley

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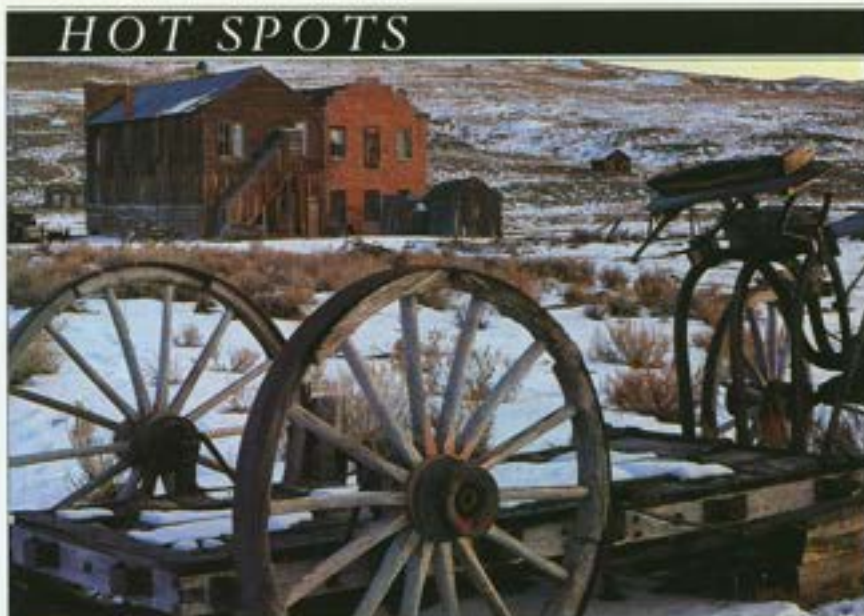
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Quiet for now, Bodie's remains may not forever rest in peace.

## Miners Haunt a Ghost Town

### BODIE, CALIFORNIA

**F**OR A FEW YEARS in the 1870s, Bodie, California, was a fabulously rich, bustling, godless gold-mining camp. Some of its miners earned up to \$880 a day. When the men weren't scrabbling for ore, they drank, gambled, and shot one another.

Today Bodie is eerily tranquil, and its former glory can only be surmised from the sagging wood-frame buildings that still dot the high, windswept hills north of Mono Lake. The silent streets of what is now Bodie State Historic Park seem to echo with a riot of ghostly voices emanating from the Miners' Union Hall and any of several saloons, preserved now in a state of "arrested decay."

Bodie's underground treasure was largely exhausted by 1887, at least with the technology available at the time. But since 1988, Galactic Resources Ltd. of Vancouver, British Columbia, through its local subsidiary, Bodie Consolidated Mining Company, has been exploring for residual ore in the area. Now Galactic believes that by

using modern mining techniques it may be able to extract about 1.25 million ounces of gold and up to 10 million ounces of silver from the hills surrounding Bodie.

Galactic holds mining claims to some 20,000 acres of Bureau of Land Management and private lands around the historic park. Mark Whitehead, Bodie Consolidated project manager, refuses to speculate about the technologies his company might employ to work those lands. However, a modern mine at Bodie would almost certainly be the open-pit type, where an immense hole is dug for the removal of low-grade ore.

Such an operation, conservationists fear, would lead to extensive soil erosion, vegetation loss, and habitat disturbance. It would also generate air, noise, and dust pollution, and the vibrations from truck traffic, blasting, and excavating could cause historic buildings to weaken or collapse.

Once the ore was recovered, refining it would probably involve "heap leaching": gathering the crushed rock into huge piles and drenching these with a cyanide solution to extract pre-



cious metal. (See "The Rush for Invisible Gold," January/February 1990.) An alternate method of refining ore, called "carbon in pulp," also uses cyanide, and would require the construction of a plant near the mine. Either system would produce collecting ponds containing toxic cyanide and heavy metals.

Because Bodie is situated only ten miles from Mono Lake, a principal stopover along the Pacific Flyway, some wildlife experts fear that migrating birds could be poisoned at the leachate ponds. Mark Palmer of the Sierra Club's Wildlife Committee claims that contaminated water from the ponds could reach Mono Lake through underground aquifers, affecting the entire ecosystem.

Galactic's operations may have other effects, according to the California State Park Rangers Association, an independent organization of professional park employees dedicated to preserving the state-park system. The group contends that Galactic's mine would "destroy those qualities of silence and isolation that make Bodie so compelling and memorable to 20th-century visitors."

Bodie Consolidated's Whitehead counters that a mine would not be visible from the town, and says its

operations would have no impact on the park's unique character.

But the National Park Service, which has designated Bodie a National Historic Landmark, strongly disagrees. Last year the agency listed Bodie as a threatened site, and stated that Galactic's proposal "poses a major threat to the integrity of the historic landscape and properties that comprise this nationally significant property."

To minimize opposition, the mining company is trying to be a "good neighbor" to the nearby town of Bridgeport—providing tours of the exploratory area, conducting merchandise giveaways, and supporting the local Little League.

Whitehead says his company intends to comply with all pertinent environmental regulations, and adds that its environmental record at Bodie has so far been "exemplary."

His assurances do not satisfy Donna Pozzi, chair of the Rangers Association's Save Bodie! subcommittee. Galactic's plans, she says, are on such a grand scale that they are bound to be destructive. As a result, her organization is prepared for a long, costly fight against any mining operations. The group's motto, says Pozzi, sums up its view: "The Bodie Experience: Worth More Than Gold." —Justin Lowe

## Shattering the Snowy Silence

### VOYAGEURS NATIONAL PARK

IN WINTER, Kabetogama Peninsula in Minnesota's Voyageurs National Park is a hinterland braved by veteran cross-country skiers and snowshoers.

Weather conditions can be extreme: Ice on the lakes, for example, can be five feet thick. But by camping on snowpack beneath the boughs of blue spruce, birch, cedar, and aspen, hardy souls can catch glimpses of the peninsula's white-tailed deer, moose, mink, beavers, bald eagles, and gray wolves.

Unfortunately, solitude-seekers must share the peninsula with another,

particularly clamorous creature: the snowmobile. On an average winter weekend, as many as 200 of the machines can be seen—and heard—as they race across the park's frozen lakes and wind in and out among the trees

on Kabetogama's roadless, 70,000-acre expanse.

Local snowmobile owners are lobbying hard for a permanent winter thoroughfare in the peninsula's woods.

Nearby resort operators hope such a road will attract snowmobiling tourists from central Minnesota. To accommodate those interests, the National Park Service is planning to carve a 30-mile-long, double-lane



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No friend to the gray wolf: one of Voyageurs' vexatious snowmobiles.

snowmobile path that would loop through the peninsula.

The Sierra Club and other conservation organizations that support wilderness designation for the area are seeking to prevent the trail's construction. The National Park Service already maintains some 12,000 miles of snowmobile routes in Minnesota. "It's not as if there's no place to snowmobile," says Harriet Lykken, wildlife chair of the Sierra Club's North Star Chapter.

If the peninsula were given wilderness status, all motorized vehicles would be banned. Such a prohibition is necessary, says Lykken, in part because snowmobiles seriously disturb wildlife, especially the vulnerable gray wolf. Snowmobilers, she says, have been known to run down gray wolves for pure "sport." Biologists have recently begun a four-year study of how the whine of the machines affects the gray wolf—also called the eastern timber wolf—and other wildlife on Kabetogama Peninsula.

The land that is now Voyageurs National Park is not pristine; beginning in the late 1800s, it was heavily logged. Congress designated the area a national park in 1971, but conservationists believe the Interior Department has given Voyageurs short shrift. In 1983 the National Park Service recommended 80,000 of the park's 220,000 acres for wilderness classification, including most of Kabetogama Peninsula. But then-Interior Secretary James Watt rejected that proposal. To

date, neither the Park Service nor the Interior Department has taken further action on the wilderness issue.

Ben Clary, superintendent of Voyageurs, says a permanent trail will help protect the park. "One of our objectives is to make sure we don't have unregulated snowmobiling," he says. Once rangers lay out a main route for the vehicles, Clary says, "we'll establish a monitoring program to see what direct impacts the snowmobiling will have on wildlife."

Resort owner Sherwood Anderson supports the planned trail. He's been driving snowmobiles around Voyageurs since 1962, when the machines first came onto the winter-sports scene. "It's about all you can do up here in the winter," he says. "We've been working on building a tourist industry for years. There's rugged beauty up here, and the trail would be the only way to get to the area."

Jennifer Hunt, executive director of the Voyageurs Region National Park Association, takes issue with Superintendent Clary's reasoning. "Building a two-lane snowmobile highway through the park in order to manage it is an abominable idea," she says. Hunt, the Sierra Club's Lykken, and other conservationists want Interior Secretary Manuel Lujan to put a hold on the project until a wilderness study is complete. Ultimately, they hope, the only human tracks in the snow will be ones made by snowshoes or skis.

—David Rompf

## SIERRA NOTES

Sierra Club activists working to save the planet's equatorial ecosystems have produced *Tropical Rainforests: A Vanishing Treasure*. This full-color, 16-page publication assesses the extent of deforestation in the tropics and its impact on indigenous peoples and animal species. It also suggests ways to help stop the carnage. The booklet, printed on high-quality recycled paper, costs \$4 for Sierra Club members, \$6 for non-members. Send check or money order to Sierra Club, Dept. SA, P.O. Box 7959, San Francisco, CA 94120. Please include \$1.75 per order for shipping and handling.

Sierra Club films, videocassettes, and slide shows recording events of recent and historical concern are now available for rent or purchase. Among the documentary films to be had are *Alaska: Land in Balance*, a depiction of that state's wilderness; *Off-Road Controversy*, a look at the damage all-terrain vehicles inflict on fragile environments; and Academy Award-winner *The Redwoods*, which portrays a journey through one of North America's old-growth forests. Videocassettes on hand include *The Tropical Rainforest: Diverse, Delicate, Disappearing*, examining one of the thorniest issues of our day, and *Human Numbers, Human Needs*, explaining the environmental stresses created as worldwide population grows. Slide shows include *We Are the Sierra Club*, an overview of the Club's history, conservation efforts, and outings program. For a complete listing of all audio-visual titles, write to Sierra Club, Public Affairs Dept., 730 Polk St., San Francisco, CA 94109.

Kids who like to draw, paint, sculpt, or write poetry or fiction are invited to enter the 1991 Imagine Yellowstone Arts Festival. Students in 5th through 12th grades may submit original interpretations of the theme "Celebrating Our Parks." Entrants are asked to think of a park—national or

neighborhood, real or imagined—and depict it through any artistic medium except photography. All works submitted will be displayed in Yellowstone National Park this summer, then exhibited in parks and museums nationwide. Prizes will be awarded to outstanding artists in each age group, and some pieces will be purchased for a permanent collection. Deadline for submission of all materials is February 1. For details and entry forms write to Imagine Yellowstone, Albright Visitor Center, P.O. Box 168, Yellowstone National Park, WY 82190.

Care to meditate on the environment? Poet, writer, and Vietnamese Buddhist monk Thich Nhat Hanh, once nominated for the Nobel Peace Prize by Martin Luther King, Jr., will lead dedicated environmentalists in five days of Zen meditation and dialogue in Ojai, California, March 25–30. Nhat Hanh, hailed as a brother by Catholic monk and mystic Thomas Merton, believes the time is right to unite spiritual values and environmental practices. Participants in this nonsectarian retreat, who must demonstrate that they devote a significant portion of their time to environmental work, will be able to exchange ideas, listen to talks by such notable Zen teachers as naturalist and author Peter Matthiessen (*Wildlife in America, The Snow Leopard*), and spend several hours a day in silent meditation. For more information, write to Environmental Retreat, The Ojai Foundation, P.O. Box 1620, Ojai, CA 93023.

To help stop ne'er-do-wells from hounding black bears, the Utah Wilderness Association will soon begin publishing *Bear Net*, a newsletter for bruin defenders throughout the West. Editor Margaret Pettis seeks contributions from anyone who has witnessed or investigated incidents of black bears being cruelly baited or provoked. Also welcomed are sug-

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A gathering of national-forest historians will take place June 20-22 at the University of Montana in Missoula. This open forum will give the public an opportunity to learn how the United States' forest reserves came into being and how well they have been managed—as viewed largely from the perspective of Forest Service personnel. Part of the proceedings will examine “how the national forests are a source of water for the farmer, forage for the stockman, logs for the mill, and game for the sportsman.” The event is sponsored by the Forest History Society, Inc., the USDA Forest Service, and the National Forest Service Museum. For more information, contact the Center for Continuing Education, University of Montana, Missoula, MT 59812; phone (406) 243-4623 or 243-2900. ■

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1. The names and addresses of publisher, editor, and managing editor are: Publisher: Carole Pisarczyk, 730 Polk Street, San Francisco, California 94109; Editor-in-Chief: Jonathan F. King; Managing Editor: Annie Steine.

2. The owner is the Sierra Club, an incorporated nonprofit membership organization, not issuing stock; Susan Merrow, President, Haywardville Road, R. F. D. 5, Colchester, Connecticut 06415; Richard Fidler, Treasurer, 2519 N. W. 92nd Place, Seattle, Washington 98177.

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## Self-Righteous Warriors

*Green Rage: Radical Environmentalism and the Unmaking of Civilization*  
by Christopher Manes  
Little, Brown & Company, \$18.95

David Gancher

EVERY ENVIRONMENTALIST knows green rage; it's a familiar emotion to anyone who cares about the needless destruction of wilderness and wildlife. John Muir knew it, and Emerson, and the august founders of the "old" environmental groups.

In fact, when it comes to ecology, green rage is part of the territory. Aldo Leopold put it best: "One of the penalties of an ecological education is that one lives alone in a world of wounds."

Most environmentalists—especially stuffy, boring, traditional, "reform" environmentalists like me—stifle that rage. We sublimate it, transform it into campaigns, testimony, magazine articles. This may be psychologically frustrating, but it has saved thousands upon thousands of acres of wilderness and countless animals. For most of us, blowing up a bulldozer is only a fantasy. We end up filing a suit instead of flying into a frenzy.

But some environmentalists do blow up bulldozers, tear down survey markers, sit in trees to prevent their logging, sink pirate whalers, and otherwise engage in pursuits that come uneasily close to guerrilla warfare. The author of *Green Rage*, like most radical environmentalists, refers to these acts as "monkeywrenching" or "ecotage"—decorative terms intended to elevate mischief into political statement.

*Green Rage* is an ambitious book. It is well-researched and well-written, a valiant attempt to depict radical environmentalism as a coherent philosophy based on the assumptions of "deep

ecology" and driven by scientific realities. Since Christopher Manes is an Earth First! activist, *Green Rage* focuses primarily on issues that are central to that group: wilderness and habitat preservation. The book contains fewer references to the politics and practices of other radical environmental organizations such as the Animal Liberation Front, Sea Shepherds, and Greenpeace.

Since environmentalists have always been angry, why are things different now? Why is "ecotage" suddenly defensible? The basic premise of *Green Rage* is a sort of ecological millennialism: The world is literally coming to an end. In Manes' opinion, "This single human generation now living will probably witness the disappearance of one third to one half of the Earth's rich and subtle forms of life, which have been evolving and blossoming for billions of years."

We've heard this before, but Manes, reflecting Earth First!'s worldview, believes that *this* time, the facts are indisputable. "It is true that the predictions of imminent social debacle made by some environmentalists in the early 1970s did not come to pass," he writes. However, we now know that the debacle was merely postponed. "What is going to happen," Manes contends, "is that the system is going to collapse of its own corruption."

If catastrophe is imminent, then ecotage is not the emotional outburst of immature radicals, but the only sensible policy. In fact, Manes contends, almost anything that slows down the process of environmental destruction is a good idea. And ecotage, as it's currently practiced, is so mild it's little more than a very expensive form of bad manners. "A century from now," Manes writes, "the children of ecological scarcity may look back and consider the powerful interests that run the

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resource industry the real terrorists."

Suppose Manes is right about our predicament. Suppose society does collapse. What then? In *Green Rage* he gives a pleasantly bucolic view of the future. "Many of us in the Earth First! movement would like to see human beings live much more like the way they did fifteen thousand years ago . . . [with] hunter-gatherer, shifting-agriculture economies of tribal people."

It will come as no surprise to learn that a Sierra Club membership doesn't

earn you many points in the world of ecotage. Traditional "reform" environmentalists are seen as part of the problem.

Manes cites an Earth First! opinion: "The worldview of the executive director of the Sierra Club is closer to that of James Watt or Ronald Reagan than Earth First!'s." According to Manes, the Sierra Club, along with the Audubon Society, The Wilderness Society, and others, has helped bring about today's untenable situation

through negotiation, compromise, and complicity. We've enabled the exploiters of natural resources to prosper. We avoided extremes. We did the wrong thing.

One of the greatest weaknesses of the environmental movement is the delight it takes in internal bickering. From *Green Rage* we learn that Earth First! deplores the Sierra Club's professionalism—and seems to regard what it views as the Club's commitment to sound organizational management as exemplifying a lack of passion. To judge from Manes' book, Earth First! sees the Sierra Club as consisting only of its professional staff of perhaps 300 souls; Manes never mentions the Club's thousands upon thousands of activists, or its own internal system of clunky democracy. As far as I can tell, the Club works without much of a theory at all. One Sierra Club leader admitted to me that the organization pretty much just tries to muddle through. That is not only true, it's one of the best things about the Club.

Manes is, by contrast, very interested in theories of environmentalism; he devotes page after page of *Green Rage* to the most abstruse arguments about the biocivisphere, the noosphere, biocentrism versus ecocentrism, ecosystems, first and second nature, and humanist environmentalism. Manes discusses at great length the emerging philosophy of "deep ecology," which, to oversimplify, rejects the anthropocentric notion that humans are the "stewards" of Earth, and points out that we are just one more species in the fabric of nature. The sooner we realize we're not in charge, the healthier we'll all be. But, at the same time, Manes devotes at best an occasional sentence or paragraph to the economic realities that underlie many of the environmental controversies surrounding wilderness.

One problem with *Green Rage* is that it takes itself much too seriously and suffers from a severe case of grandiosity. "The very limited reforms that mainstream environmentalism was able to bring about in the 1980s," Manes writes, "were possible only

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because of the publicity that monkey-wrenching brought to a movement that had become mired in an unintelligible world of environmental impact statements and flowcharts." So, Earth First! is a publicity shock troop whose main utility is enabling mainstream environmentalists to operate.

Unfortunately, all too often the proponents of ecotage display a TV mentality, in which problems are always simple and can be resolved with one heroic gesture: "Kevin learns a valuable lesson about ecology when Karen chains herself to a tree."

**A**nother drawback of Manes' book is its outmoded rhetoric. *Green Rage* often sounds like a polemic from the early 1960s. Is anyone still surprised to learn that industries pollute? Or that bureaucracies let them? That unless we do something serious, we're going to run out of wilderness? These are not new insights, and the Earth First'ers are not the first to have them.

But there is a new breed of environmentalist—and they're not protestors perched in trees. Environmental ideals have become politically mandatory. In November, both candidates for California's governorship ran as environmentalists. Candidates at all levels of government did the same around the country. Hell, even George Bush claimed to be an environmentalist! People in their 20s were brought up on environmentalism: They went backpacking with their parents. They grew up eating granola and watching nature documentaries on TV. They don't smoke. They don't litter. Their idea of a bad guy is someone who dumps toxic waste. Environmental ideals are not revolutionary to them—they are the norm. The new environmentalists believe in living their ideals, and what they need most are new leaders.

The dilemma is that environmentalists have plenty of platforms but few viable candidates. What *Green Rage* shows most effectively is that there's a worldwide green movement searching for direction.

DAVID GANCHER is a former senior editor of *Sierra*.

#### BRIEFLY NOTED

Sought after by big-game hunters for their hides, threatened by pesticide residues, PCBs, and toxic heavy metals carried to the Arctic from the industrialized south, and potentially among the first victims of the greenhouse effect should their icepack melt, polar bears lead a tenuous existence. Yet a dedicated corps of conservationists—among them scientists, lawyers, and lobbyists—is working to keep the ani-

mals off the endangered species list. Texas-based geologist, explorer, and writer Charles T. Feazel tells this story in *White Bear: Encounters With the Master of the Arctic Ice* (Henry Holt; \$22.50). . . . Smithsonian Institution Press has issued *Wild Ice: Antarctic Journeys* (\$29.95), which abounds with full-color photographs of that frigid, wildlife-rich continent. A colleague who has seen her share of nature photographs over the years said the work surprised her because "I didn't

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## AT A GLANCE



### *Nature's Chaos*

Photographs by Eliot Porter; text by James Gleick.

Viking; \$29.95, cloth.

**D**uring a lifetime of photographing nature, Eliot Porter studied a world in motion. The patterns he found, writes James Gleick, were rarely static and balanced, but rather "a wavering, lurching, animating harmony." So it is with Porter's *Bleached leaves and moss, the Appalachian Trail, Great Smoky Mountains National Park* (above).

think it was still possible to be amazed by a coffee-table book." But this particular book's images, provided by four naturalists who have explored Antarctica thoroughly, are sharper and more dramatic than most we've seen. His Royal Highness Prince Edward provides the foreword. . . . After Seattle-based *New York Times* correspondent Timothy Egan climbed up to Winthrop Glacier on Washington's Mt. Rainier, he learned that the glacier's name came from Theodore Winthrop, who upon graduating from Yale in 1853 spent a fortnight venturing 320 miles down Puget Sound, around Mt. Rainier, across the Cascades, through the Yakima Valley, and down to the

Columbia River. Egan was so intrigued by a book the young man wrote about his adventure that he decided to spend a leisurely year retracing Winthrop's route, in large part to record the changes that had come to the region over the course of a century. *The Good Rain: Across Time and Terrain in the Pacific Northwest* (Knopf; \$19.95) is Egan's eloquent account of his journey. . . . When Janet Robertson set out to write a history of mountain-climbing women in Colorado, she thought she would be lucky to find a dozen pre-1940 subjects. But her research yielded more than three times that many pioneer climbers who fit her criterion: women who "sought out

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the Colorado mountains in their own right, not just as the wives and daughters of men." *The Magnificent Mountain Women: Adventures in the Colorado Rockies* (University of Nebraska Press; \$21.95) presents portraits of these mountaineers, some who climbed in chintz skirts, while others dared to wear bloomers. . . . At the outset of *Yosemite: The Embattled Wilderness* (University of Nebraska Press; \$24.95), historian Alfred Runte makes clear what his book is *not* about. It does not try to trace the familiar footsteps of John Muir, nor to chronicle every person or event in the history of the national park. Rather, Runte examines the tensions created by attempts both to preserve Yosemite as a natural sanctuary and to provide comforts and entertainments for a mobile, largely affluent citizenry visiting the park. . . . Runte also served as guest editor of the summer 1990 issue of *California History*, the quarterly journal of the California Historical Society. The special edition (\$10.45 from CHS, 2090 Jackson St., San Francisco, CA 94109) is devoted to retrospectives of Yosemite and Sequoia national parks, and is replete with vintage photographs. . . . Many people seeking to prevent the parks and woodlands of their youth from being paved over are working to preserve natural spaces around their towns and cities. Charles E. Little tells of their efforts in *Greenways for America* (Johns Hopkins University Press; \$22.95). . . . Ever since hostilities in the Middle East gave Big Oil an excuse to press for new offshore oil leases, environmentalists have stepped up the pace of their opposition. To assist activists in keeping our coastlines clean, the Natural Resources Defense Council and a coalition of California coastal counties have produced *Coastal Alert: Ecosystems, Energy, and Offshore Oil Drilling* (Island Press; \$12.95, paper). Focusing on California but with information of interest to activists nationwide, the book serves as a primer on the issue and as a handbook for those wanting to promote conservation over exploitation. —**Mark Mardon**



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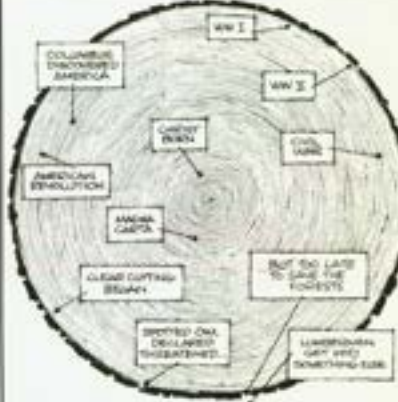
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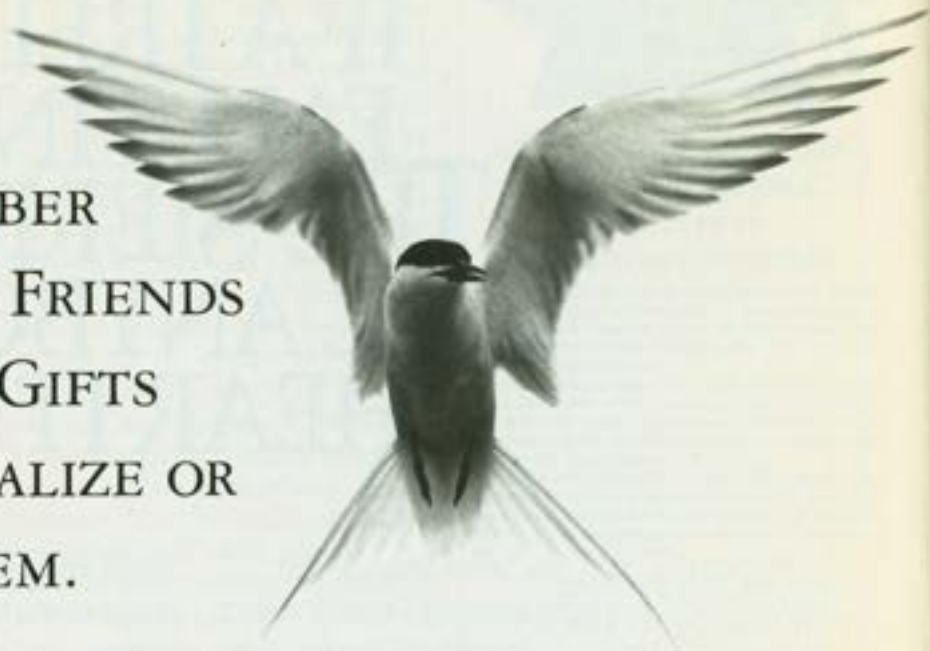


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## Buddy System or Bust

*A compatible companion will keep you from reaching the end of your rope.*

Richard A. Lovett

**O**NE OF THE toughest decisions I've ever had to make while climbing occurred on one of the least rigorous trips I've ever taken. On a non-technical, off-trail scramble up a 10,000-foot peak in Oregon's Cascades, I felt twinges of pain in my side. (I had bruised my ribs in a bicycling accident a few days earlier.) My partner, a 5'4" woman whose hatred of heavy loads has trained her always to travel light, offered to shoulder my pack for the descent.

My first impulse was to gut it out. Then I remembered one of the commandments of our climbing partnership, and I reluctantly loaded her down like a beast of burden.

The rule I invoked was this: *I will not be too proud to tell my partner exactly how I feel.* For people strong-willed enough to head off into the backcountry in the first place, obeying rules doesn't always come easily. But this one can cost dearly if it's not followed.

Hikers and climbers know that the buddy system can be as important to safety as carrying adequate food, water, and clothing. If you hike alone, a mishap as simple as a sprained ankle could leave you stranded until someone happens by, which might mean a long, cold, unexpected overnight stay. Besides providing companionship and sharing equipment, a partner can administer first aid, go for help, and (since two heads are better than one) help you puzzle your way out of a predicament.

But an effective buddy system requires more than just

another warm body. For maximum enjoyment, and for adventures that test the limits of your abilities, it pays to find one or more close friends with whom you can function like a well-oiled machine—one lubricated by mutual confidence and respect.

When building such a partnership, some goals are pretty straightforward and practical. For example, I want a partner with whom I am comparable physically, who has roughly equivalent skills, and who is interested in the same activities I am.

Psychological concerns are equally important. If my buddy and I aren't evenly matched, one of us might become the teacher and the other a student. While I've had several fine back-

country mentors, it's difficult for that kind of relationship to become equal and trusting.

I also want a partner whose temperament complements mine; left to my own devices, I'm likely to attempt a summit at all costs, or try and find out what lies over the next ridge without considering whether I can get back before dark. It helps me, therefore, to team up with a partner whose sense of caution is more keenly honed.

In the final analysis, it's the way partners relate to each other, particularly in the face of potential danger or discomfort, that makes or breaks backcountry friendships. I've had companions whose judgment I couldn't trust, and others on whom I

could depend in the most difficult situations. The difference depends less on physical prowess than on whether each of us feels that he or she can be honest with the other, even if that means backing down in the face of a challenge one partner would prefer to confront. This is a good rule for any type of friendship, but when you're up against the trials of the wilderness or the pressures of trekking, it is particularly important. An excess of pride (or, conversely, a lack of assertiveness) can destroy a hike as well as a friendship.

Finding a good companion is more difficult than describing one. Your best friends may make disastrous outdoor partners, and someone who's the life of the party may grow tiresome after six nights on the trail. Ultimately, finding a compatible partner is part luck, part persistent trial and



*An opportunity to build trust—or to commit campicide.*

STEPHEN J. KRASZEMAN/OW PHOTO

error. My companion and I, for example, met by chance when we were each on separate long-distance bicycle trips, and only gradually discovered that we were also well-matched backcountry partners.

Before that hike in the Cascades, I'd always thought that codifying mutual understandings as rules of conduct would be difficult and unnecessary. But a few rules that apply equally well to all modes of travel do stand out. At heart, all of them deal with communication. In addition to the rule about honesty, they are as follows:

*We make sure we have the same objectives in mind before we start on an outing.* Are we hiking 6 miles a day, or 16? On-trail or off? Are time elapsed and distance covered critical, or is it to be a come-what-may excursion?

*We agree that we're committed to our plan unless we both decide to quit or conditions become dangerous.* But if one of us does get tired or lose interest, the other is free to proceed alone without being accused of abandonment.

*Each of us trusts the other to follow the honesty rule unwaveringly.* This avoids the guessing game of, "Are you really saying what you mean?" (The lone exception occurs if we suspect hypothermia, which can cloud the victim's judgment.)

*We recognize that danger is subjective.* If something looks perilous to one partner, then it is perilous, regardless of what the other believes. We will not pressure each other to attempt something one of us does not want to do. If this causes disappointment, we should remember that since we are equal partners, sometimes the hiking boot will be on the other foot.

Following these rules results in a buddy system that does more than merely ensure safe passage. It provides an opportunity to develop trust and to figure out how to work harmoniously with another person. And those lessons, like so many other things learned in the wilderness, apply just as well back home. ■

RICHARD A. LOVETT is a writer living in Portland, Oregon.

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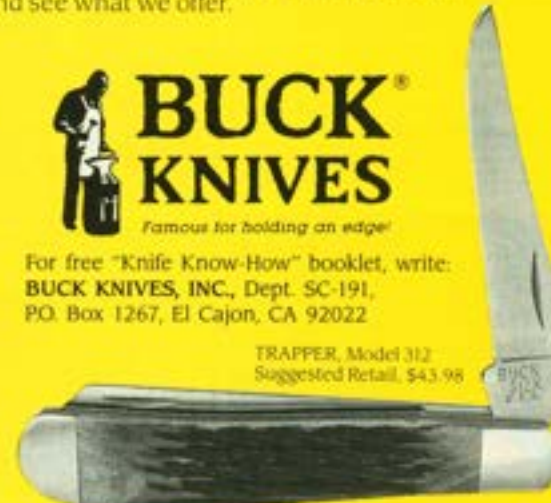


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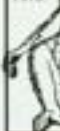
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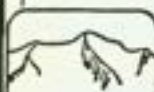
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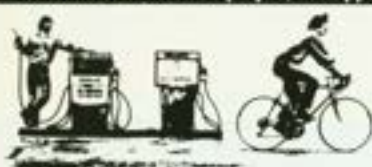
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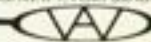
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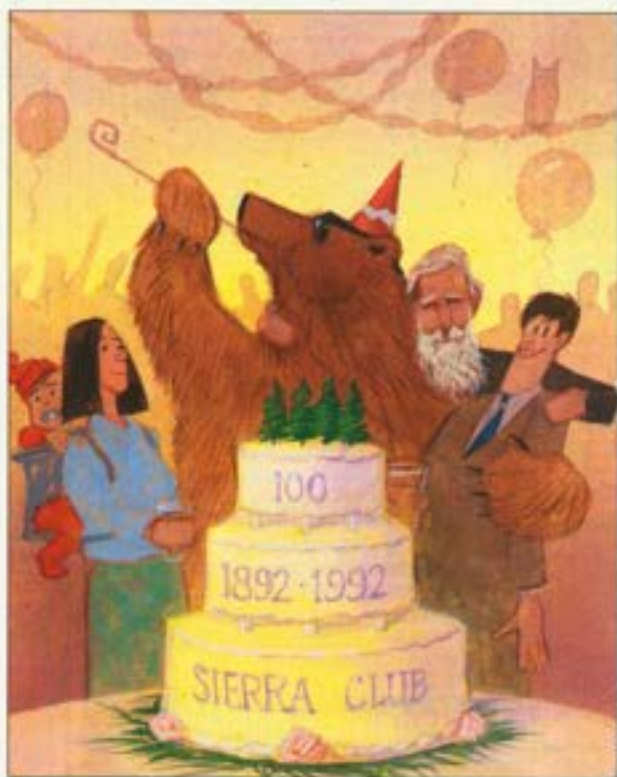
**How is the Sierra Club planning to celebrate its 100th anniversary next year? (Dave Gordon, Fleischmanns, New York)**

Beginning in May 1991 and continuing through December 1992, the Sierra Club's observance of its centennial will involve Club groups and chapters across the country.

Among many other events, there will be a museum exhibit devoted to the history of the conservation movement, an international symposium on environmental issues, and performances of a Club-commissioned symphony. We're planning Centennial outings (see the 1991 Outings catalog in this issue) and cooperative projects involving Club members and the national park and forest services. A television documentary on the natural beauties of the planet and the people who have fought to preserve them will air in the fall of 1992.

There'll be a slew of commemorative items (mugs, pins, buttons, and books), a Centennial calendar, a pictorial history of the Club, and a reprint of *This Is the American Earth* by Ansel Adams and Nancy Newhall. You'll also be seeing some dramatic changes in *Sierra* magazine.

We expect new ideas and new projects to take shape as the celebration gets under way. For more detailed information on the Centennial, contact Alita Paine, Sierra Club, Public Affairs



Dept., 730 Polk St., San Francisco, CA 94109.

**While hiking recently, I came upon a hawk whose wing appeared to be broken. I left it alone, but is there anything I could have done to help it? (Chris Obers, Modesto, California)**

"There are techniques an untrained person can learn to transport injured animals to local rehabilitation centers," according to John Aikin of the San Francisco Zoological Society's Avian Conservation Center.

Picking up a frightened, angry raptor can be hazardous. "The feet are the main danger," says Aikin. "Most hawks won't bite, but they have strong gripping talons." He suggests dropping a coat or sweater

over the head of an injured hawk. The darkness will quiet the bird, allowing you to get the feet under control. Carry the hawk in a sturdy cardboard box (not a wire cage).

There is an ethical side to the issue: "Death is a natural part of life in the wild," Aikin says. "By removing injured animals, you're taking food for scavengers out of the ecosystem." (Wounded hawks aren't an important food source, however.)

Many wildlife rehabilitation centers will train volunteers in caring for hurt animals. Your local SPCA will usually have a list of these organizations.

**What are the environmental advantages (if any) of synthetic motor oils over**

**petroleum-based lubricants? (Ian Jeffries, Dallas, Texas)**

While more expensive than lubricants refined from crude oil, synthetic motor oils offer some environmental benefits. They keep their lubricating properties longer, so you can change your oil less frequently (one manufacturer claims a 25,000-mile oil-change schedule). Gas mileage is increased, so emissions are reduced. And synthetics can be recycled in the same manner as regular motor oil.

The term "synthetic" doesn't mean petroleum-free, however. Man-made automotive lubricants are most often built on synthesized hydrocarbons; these are derived from ethylene, which is produced from petroleum or natural gas. Esters, also used as a base for synthetic oil, can be made from vegetable oils, coal, or petrochemicals. According to a 1985 Mobil press release, the ethylene used to make synthetic hydrocarbons *could* be derived from "coal, wood, farm crops . . . even garbage"; however, the hydrocarbons currently used in most synthetic motor oils are petroleum-based.

A steep rise in oil prices and consumer demand for less environmentally damaging products could conceivably result in production of synthetics from other, renewable sources. Some esters are already being produced from coconut husks. ■

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