

Yosemite

Annual
Review
Issue

1992
Park
Highlights

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Yosemite

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The reports trickle in with increasing frequency. Six bighorns seen at Gaylor Lakes. Four bighorn rams sighted along Skelton Creek. Three rams observed just below Conness Lakes. From all these reports, it appears that after an absence of more than 100 years, bighorn sheep have finally returned to Yosemite National Park. Today, seven years after the initial reintroduction, lucky hikers can occasional glimpse the animals John Muir hailed as "the bravest of all Sierra mountaineers."

I vividly remember that cold March morning in 1986. The crowd of 50 or more was hushed so as not to disturb the sheep being held in the big wooden crate. At 8:26, the door of the crate was finally flung open. The bighorns leapt from the straw where they were bedded, bounded into the sunlight, and bolted for the safety of the

Leslie Crow

Reintroduction of the Bighorn:
A Qualified Success

I AM HAPPY TO REPORT THAT THE SMALL HERD
OF 27 SHEEP HAS GROWN TO NEARLY
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REINTRODUCTION A QUALIFIED SUCCESS.

nearby cliffs. I turned on the radio telemetry receiver, donned the headphones, and quickly tuned to one of the collars we had installed on a sheep the day before. I heard the reassuring "blip, blip, blip" as the sheep disappeared among the rocks. My excitement was tempered by the weight of responsibility I felt for ensuring the success of the reintroduction.

During the next six years, my dedicated field assistants and I followed the fortunes of the 27 sheep released on that cold winter day. Tracking signals emitted by the radio collars, we monitored the whereabouts and well-being of each sheep. Our objective was to identify factors affecting the outcome of the reintroduction. Armed with binoculars, a spotting scope, and radio telemetry receiver, we hiked and climbed to vantage points where we could watch the sheep. We made a census of the herd every ten days to determine birth and death rates, monitored their movement and distribution patterns to learn how bighorn explore and settle in a new location, and identified habitat variables critical for their survival and reproduction.

I am happy to report that the small herd of 27 sheep has grown to nearly 70 individuals. Despite an inauspicious beginning, it now appears we can begin to consider the Lee Vining reintroduction a qualified success. Along the way, we increased our understanding of how mountain sheep explore and colonize a new location while learning how to avoid the pitfalls awaiting future reintroductions.

Those who followed the progress of the reintroduction know how close the project came to failing. Within three weeks of the initial transplant,



MICHAEL DIXON / NTS

9 sheep were dead of starvation and exposure. With mounting gloom, I dutifully recovered one frozen carcass after another. Most of the losses were lambs. Their small bodies simply lacked the reserves necessary to survive three weeks of stormy weather. It was April before the weather finally broke and the herd stopped shrinking.

The first good news came on April 26, 1986. On that day, I

Disentangling a bighorn from the helicopter drop net in 1986, and, below, West Rockpile Meadow, the spring range for the nursery bands in the early 90's.

saw the first bighorn lamb born in Lee Vining Canyon in more than 100 years. My field notes read "... at the east end of East Cliffs, 200 meters from the road. The lamb appears to be healthy and strong, keeping up with mom as she moves east." Eight more lambs were born



LESLIE CHENOW

that year. Although reproduction declined in 1987, an average of 12 lambs was born each of the next four years. In 1992, 16 lambs were born.

Nearly 75 percent of the 72 lambs born in the past seven years survived to one-year-old. Unfortunately, we do not know the fate of the other 25 percent because none of the sheep born at Lee Vining are equipped with radio collars. Once a sheep reaches two years of age, it stands a good chance of making it to ten. We know that the missing lambs disappear during winter. This leads us to believe that some of the lamb losses result from severe winter weather.

Like the lambs, adult mortality most often occurs during winter. For adults, however, the major cause of death is mountain lion predation. Seven of nine radio-collared-sheep that died were killed by mountain lions. This suggests that some of the other adult mortalities also resulted from lion predation.

Bighorn use their extraordinary eyesight as the primary defense against predators. This tactic fails, however, when snow drives the sheep from high above treeline to their winter range in Lee Vining Canyon. Dense vegetation on the winter range obstructs the bighorn's vision, impairing their ability to detect predators. Because mountain lions use dense vegetation as ambush cover, the bighorn are more vulnerable to predation while on the winter range.

With the arrival of spring, members of the Lee Vining herd begin departing winter range. Ewes are generally the first to leave, seeking the safety of precipitous cliffs to bear their young. Lambing occurs between mid-April and mid-May in the labyrinthine gullies

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on the south face of, what locals call, Blue Slide Peak. Here on airy ledges accessible to only birds and bighorn, ewes give birth to solitary lambs.

The newborn lamb shadows its mother, all bulging eyes and spindly legs. Strength and agility come quickly, however, and lambs are able to race across talus two weeks after birth. In early June, safety of the cliffs is graded for better nutrition.

Wary and watchful, ewes and their offspring confine their foraging to meadows which lie a quick dash from the cliffs.

There they graze on the tender leaves and flowers of emerging plants. Thriving on a combination of mother's milk and protein rich forage, lambs go from 30 to 35 pounds in a matter of weeks.

As spring turns to summer, ewe-lamb pairs form nursery bands. The bands range in size from 3 to 15 members and include ewes, lambs, and young rams. In mid-June, nursery bands begin migrating north from Lee Vining Canyon to their summer ranges on Mt. Warren, Mt. Scowden, and Galcrest Peak.

Soon after the ewes leave winter range to have their lambs, adult rams begin migration. The rams proceed directly to summer range where they form all-male bands made of 2 to 8 members. Unconstrained by newborn lambs, rams are free to wander more extensively than ewes. In one instance, a ram visited Tuolumne Meadows in Yosemite. Ram summer movements consist of monthly visits to the widely scattered ewe groups. Between visits, the rams reside on the Sierra Nevada crest in the vicinity of Mt. Conness.

From a distance, the summer range appears dry and inhospitable. Scattered clumps of white-



MICHAEL DIXON / NES

bark krummholz are the only indication that anything grows on the stark, windswept landscape. Visitors to the study site often remarked, "There's nothing out there for the sheep to eat." Closer inspection, however, reveals minuscule plants scattered among the innumerable rocks. Although most of these plants are less than an inch tall, they provide adequate nutrition for survival and reproduction.

Calming bighorn with head cover and taking temperature before release, 1986, and below, the Tioga Crest, the bighorn's summer range.

The bighorn's digestive system is highly specialized to extract maximum nutrition from whatever is eaten. Their prehensile lips can nip a leaf or select single blades of grass, leaving the vegetation largely intact. Unlike their domestic brethren, bighorn leave few signs of their passage. Often, a

shallow bed in a sheltered spot or a pile of pellets is the only evidence the sheep have been there. In many cases, we were forced to our knees to identify which plants had been eaten.

As the small green plants wither under the late summer sun, the bighorn's diet shifts to grasses and sedges. The lambs are weaned by mid-July and ewes begin to recover from the nutritional drain of lactation. Our intensive monitoring of the herd's movements revealed that certain sites received repeated use. Habitat sampling at those locations found they were usually situated on steep cliffs near a spring or seep. The surface water at these sites allowed the vegetation growing there to remain green throughout the summer when everything else was dry. The importance of these sites became evident from the repeated use they received.

In early October, nursery bands coalesce to form larger groups. These groups move extensively in search of food. At this time of year, the bighorn's diet largely consists of dry grasses and a few sedges that have stayed green. By the end of the month, campers at Saddlebag Lake are regularly seeing large bands of sheep silhouetted on the Tioga Crest skyline.

November marks the beginning of the rut. For the next two months, ewes must endure the aggressive advances of eager rams. Although the strongest rams do most of the breeding, vigorous attempts by the younger males can injure the ewes.

With the first real snowfall, most of the sheep return to winter range in Lee Vining Canyon. There on the south-facing slopes above Tioga Road, the snow melts quickly, expos-



LISBIE CHEW

THE PRESENCE OF GRAZING ALLOTMENTS AT THE MOUTH OF BLOODY CANYON AND OTHER SIZEABLE ALLOTMENTS WITHIN 3 MILES OF LEE VINING CANYON POSE THE MOST SERIOUS THREAT TO THE LONG TERM SURVIVAL OF THE BIGHORN IN YOSEMITE.

ing the shrubs and dry grasses that provide food during winter. For the next four months, the herd will subsist on meager rations while trying to avoid being eaten. When spring arrives, the cycle starts anew.

Mountain sheep must be transplanted because their rigid fidelity to traditional home ranges prevents them from colonizing new areas on their own. The movement patterns of native bighorn are based on traditions perpetuated when younger sheep acquire knowledge about the location of resources by following older sheep. This behavior has evolved over thousands of years and enables bighorn to survive in a demanding environment. Thus, in order for a bighorn reintroduction to succeed, the transplanted sheep must begin to function like a native herd.

The Lee Vining herd established the seasonal movement and distribution patterns I have described by the end of the second year. These patterns have been maintained ever since. Based on the results of our study, it appears that the Lee Vining herd has adapted to its new location and made the transition to functioning like a native herd.

The Lee Vining bighorn herd has grown rapidly in the past three years. Much of the growth is attributable to a steady increase in the number of reproductive aged ewes. In 1987, the Lee Vining herd contained only 5 ewes capable of reproducing. By 1992, that number had quintupled to 25. During that time, mortality has remained relatively constant at 3 or 4 sheep a year. We anticipate that the current natality and mortality rates will result in exponential growth of the Lee Vining herd in the next few years.



LESLIE CHOW

Bighorns grazing their summer range, with one sporting a collar to track the herd's movements. Below, Research Ecologist Peggy Moore censusing the Lee Vining herd.

Although the future of the Lee Vining bighorn sheep herd looks bright, the continued proximity of domestic grazing allotments remains a concern. Disease contracted from domestic stock killed 33 sheep at Lava Beds National Monument in 1980. The tragedy was repeated in 1988 when all 50 sheep in the Warner Mountains herd died of disease. Both of these efforts to restore sheep to historic ranges in California had been considered successes.

Although we did not record any deaths from disease during our study, and domestic sheep

grazing has been discontinued in Lee Vining Canyon, the potential for disease transmission still exists. In July 1988, a domestic sheep strayed onto the Lee Vining herd's winter range from one of the neighboring grazing allotments. Luckily, the ewes inhabiting that area had departed 3 weeks before and there was no contact. In 1992, a radio collared ram from the Lee Vining herd joined a small band in Bloody Canyon. This event dramatically increased the potential for disease transmission because of the propensity for rams to wander great distances. The presence of grazing allotments at the mouth of Bloody Canyon and other sizeable allotments within 3 miles of Lee Vining Canyon pose the most serious threat to the long term survival of the bighorn in Yosemite.

Leslie Chow is a Research Wildlife Biologist for the National Biological Survey at Yosemite National Park. The principal field investigator for the Yosemite bighorn reintroduction, he holds a master's degree in Wildland Resource Science from the University of California at Berkeley.



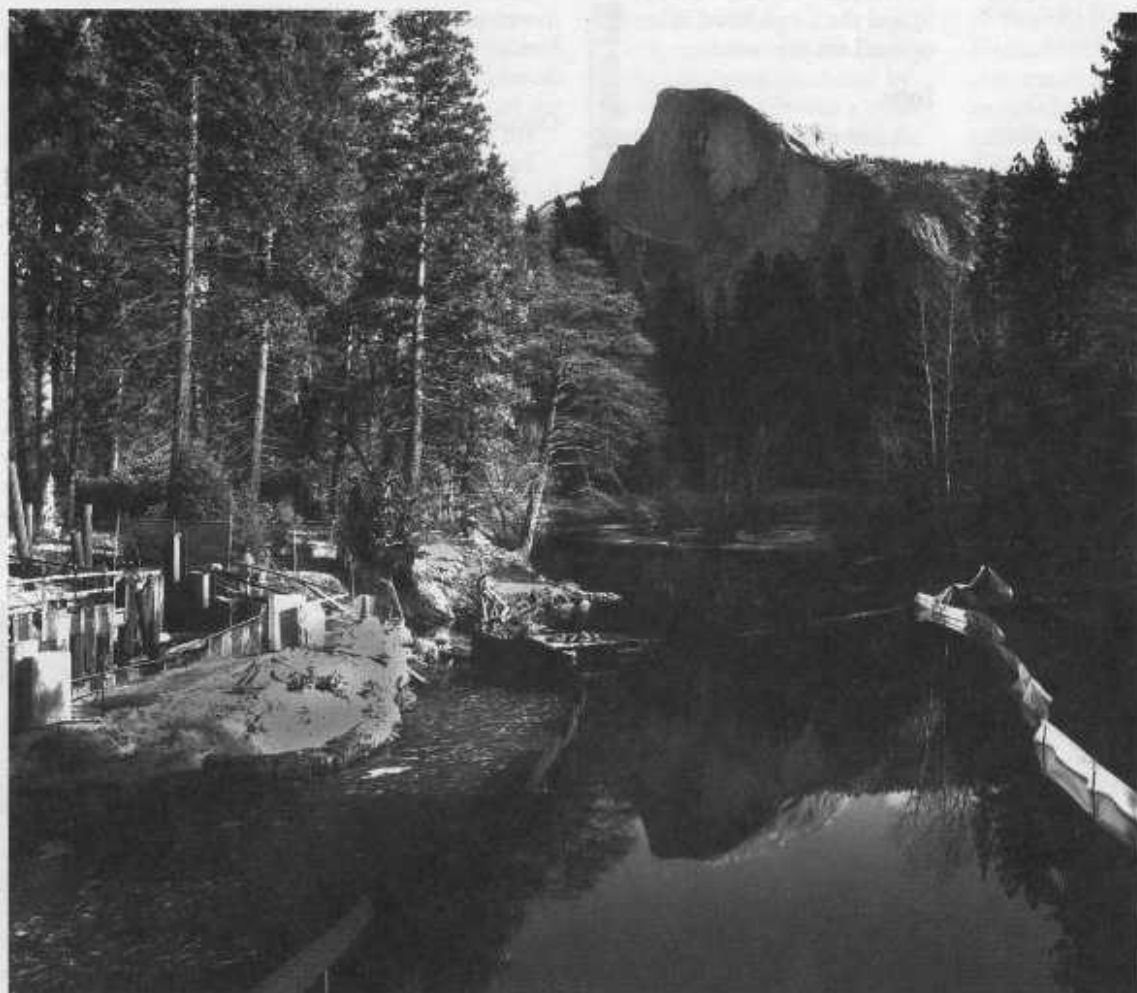
LESLIE CHOW

The Yosemite Association enjoyed a productive 1992 and experienced continued success in practically every one of its programs. Sales reached their highest level ever, YA publications received excellent reviews and a remarkable number of awards for quality, the membership and volunteer programs thrived, and our outdoor field classes were popular and well-attended.

Thousands of park visitors had their visits enriched by Yosemite Association programs, publications and personnel, and our contributions to the park, the National Park Service, the Bureau of Land Management, and independent researchers were never more substantial.

As always, our success depended on our thousands of members, donors, suppliers, volunteers, employees, friends, neighbors and other affiliates. We hereby express our deep appreciation and thanks to each of them. With their support and participation, our organization was better able to benefit Yosemite National Park and help make it an even finer place.

1992 ANNUAL REVIEW



The photographs accompanying this annual review are the work of Brian Grogan, Director of the Yosemite Photographic Survey. They illustrate the variety that makes up the Yosemite landscape.

1992 Park Highlights

January

Public meetings on the draft Yosemite Concession Services Plan were held in Los Angeles, San Francisco, Fresno and Yosemite Valley.

A new Assistant Superintendent, (Jerry Belson), Chief Ranger (Bob Andrew), and Chief of Concessions (Marty Nielson) were hired by the NPS.

February

The Yosemite Centennial Medal, sponsored by Congressman Richard Lehman, was minted.

A rockslide on Middle Brother Rock closed Northside Drive in Yosemite Valley.

March

Tenaya Lake Campground was permanently closed on March 3 due to impacts

on sensitive wetlands.

Over 4,000 public comments were received on the draft Concession Services Plan.

The American Forestry Association recognized a sugar pine tree at Hodgdon Meadow as the largest sugar pine in the United States, placing it on the National Register of Big Trees.

April

Long-time Managing Editor of the Yosemite Natural History Association, Henry Berry, died on April 23.

May

The Glacier Point Road (May 8) and the Tioga Road (May 15) opened for the season.

June

A ban on commercial filmmaking in Yosemite during the months of May through

September was put into effect.

Lightning ignited the "Dome Fire" above the Royal Arches. It grew to 195 acres in size, and was contained by 159 firefighters in three days.

Twelve companies submitted bids to replace the Yosemite Park & Curry Co. as the park's principal concessioner.

The Yosemite Valley Housing Plan, a supplement to the master plan, was released for public review.

August

An experimental ban on morning and afternoon campfires in Yosemite Valley was ordered (through October 31).

October

Stricter enforcement of traffic regulations on Highway 140

resulted in increased citations for buses. Several tour companies protested, and the Mariposa Chamber of Commerce expressed concerns about the effects of the new policy on tourism.

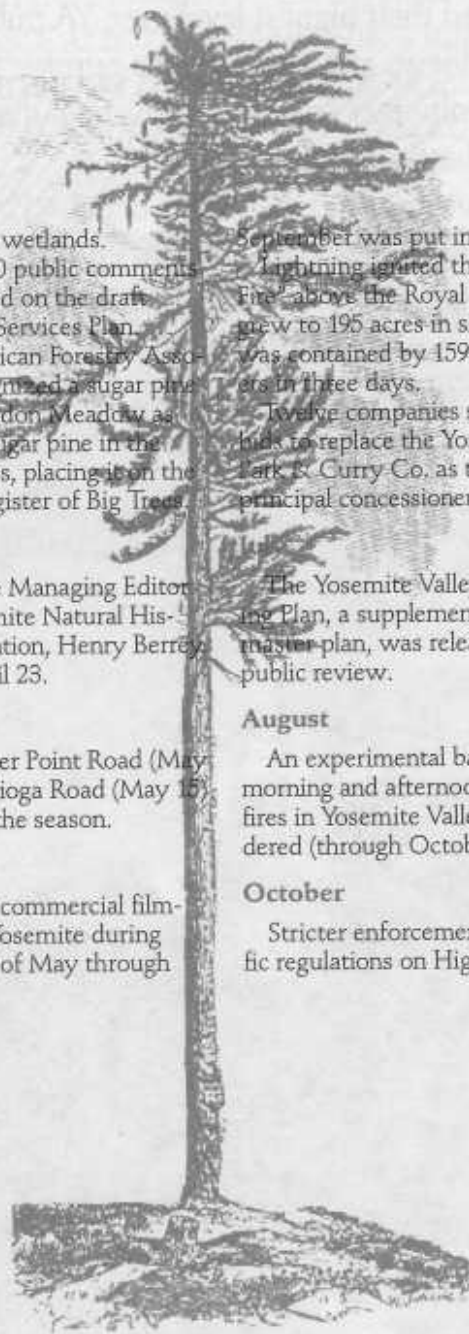
November

Both the Tioga and Glacier Point Roads closed for the season on November 10.

December

The National Park Service selected Delaware North Company to be the park's new concessioner, pending Congressional review and final approval.

Visitation for the year totalled 3,957,642 visitors, an all-time high and an 11.6% increase over the figure for 1991.



Visitation to Yosemite increased by another 458,000 people.



1992

YA Annual Review, 1992

The make-up of the Yosemite Association board changed slightly during 1992. Incumbent Beverly Barrick chose not to run for re-election, and Allen Berrey was selected by member/voters to replace her. Long-time board member Phyllis Weber was elected to a new six-year term.

Allen Berrey was born and raised in Yosemite, where his father Henry served as Managing Editor of the Association for 15 years (and held several other positions). Allen has experience working with both the U.S. Forest Service and the Department of the Interior. An attorney by training, he is Deputy County Counsel for Merced County. Allen lives with his wife and three children in Merced.

Phyllis Weber served two previous terms as board member. An elementary school teacher in El Portal, she has been actively involved with both the Publications and Seminars Committee and the Grants and Aid Committee. Phyllis is married to Art Baggett, a supervisor for Mariposa County, and has two school-age children.

In other board changes, Barbara DeWitt, a veteran YA trustee, submitted her resigna-

tion from the board, which was occasioned by the demands of her work. Ms. DeWitt played an integral role in the birth of the Yosemite Fund, organizing volunteers and providing early guidance, and oversaw the development of many new YA publications. She and her husband Tim also worked as seminar instructors leading family backpack trips and other courses.

The Yosemite Association benefitted greatly from the participation of both Barbara DeWitt and Beverly Barrick in our activities, and extends its appreciation to each of them.

1992 was also the year in which Tom Shephard, who in 1991 had stepped down from his position as Chairman of the Board (a post he had held for over 10 years), was feted by the rest of the board with a recognition dinner in January. Lennie Roberts succeeded Shephard as Chair.

Sales & Publications

The publications and sales program of YA, the heart of our operation, showed strength once again in 1992. Despite a slow economy, the Association's

gross sales grew to their highest level ever — \$1,695,300 — for yet another year. This success was attributable to healthy retail sales at the park's Visitor Centers, and another solid year of wholesale business.

Following 1991's publishing frenzy, things calmed down a bit in 1992. Three new publications were issued: a 1993 calendar featuring the color photographs of William Neill, a reprint of *One Hundred Years in Yosemite* by Carl P. Russell (the second volume in the "High Sierra Classics Series"), and a German-language version of "The Map and Guide to Yosemite Valley."

The calendar was the first such publication produced by the Association. It was a commercial success — The Nature Company purchased 5,000 copies — and there are now plans to undertake a Yosemite wall calendar for each new year.

The quality of Y.A.'s publications was recognized in 1992 by several entities. At the National Park Service Publication Competition awards banquet in February, the Yosemite Association received nine awards, more than double the awards of any other entrant. Receiving the top prize, the Director's

Award, was *The Complete Guidebook to Yosemite National Park* by Steven P. Medley. First place winners included *Tradition and Innovation* by Craig Bates and Martha Lee, *Map and Guide to Wawona and the Mariposa Grove* by Rufus Graphics, and *The Complete Guidebook*. Honorable mention awards were presented for *Yosemite: A Journal for Members of the Yosemite Association*, *A Catalog of Publications from the Yosemite Association*, *Sierra Nevada Field Cards*, *the Yosemite Field Seminars Catalog*, and *Yosemite, A Landscape of Life*.

The Bates and Lee history of Yosemite Indian basketry, *Tradition and Innovation*, also won excellence-in-publishing awards from the American Association of Museums, the American Association for State and Local History, the California Council for the Promotion of History, and the Commonwealth Club of California.

Ten existing YA titles were reprinted in 1992, with the "Map and Guide" series entering its fourth printing. Over 75,000 copies have been sold.

Sales outlets in the park with significant increases in sales included the Museum Shop (up 59%), the Mariposa Grove



THE NPS UNIT, RESOURCE MANAGEMENT DIVISION, USES VOLUNTEER GROUPS TO PROVIDE ALL THE NECESSARY LABOR FOR RESTORATION PROJECTS.

Museum (up 19%), and the Tuolumne Meadows Visitor Center (up 16%). In Wawona, YA installed a new permit desk and book and map sales area in the District Office. With the improved operation, sales grew by 516%, and many visitors received improved interpretive service. Receipts at the Yosemite Valley Visitor Center were a remarkable \$867,341.

Operational improvements included the refinement of our computerized inventory system, single source purchasing from the Ingram Book Company of titles from a variety of publishers, and the distribution of YA books by a number of distributors including Ingram, Baker & Taylor, Sun Belt and Bookpeople.

YA was represented at a number of trade exhibits during 1992 including the American Bookseller's Association Convention in Anaheim, the Northern California Bookseller's Convention in Oakland, and the American Library Association Convention, the Great Outdoor Adventure Fair, and the Bay Area Book Festival, all in San Francisco.

The Yosemite Association was well-served by a talented and dedicated staff of man-

agers and sales personnel. Full-time, part-time, and seasonal employees all contributed enormously to the success of the sales and publications program.

Membership

A series of popular special events highlighted the 1992 YA membership year. The annual Spring Forum in March featured a full day of informative talks and walks on a diverse group of topics, ranging from "The Dramatic Decline of the Yosemite Toad" to "In Praise of Nature: Chiura Obata's Paintings of Yosemite, 1927." Bev Ortiz and Julia Parker offered a program based on their newly published book, *It Will Live Forever: Traditional Yosemite Indian Acorn Preparation*. During the wine and cheese hour, they greeted members and signed copies of the book. Approximately four hundred members enjoyed the Spring Forum activities.

In September, writer and editor Malcolm Margolin spoke to more than three hundred members at Y.A.'s Annual Meeting. This gathering, which alternates each year between Tuolumne Meadows and Wa-

wona, took place on the lawn of the Pioneer History Center on a warm Saturday afternoon. Margolin, the publisher of *News from Native California*, spoke eloquently of the unique relationship between Yosemite's early people and their landscape. Members clearly enjoyed his talk and the chance to speak with him individually. YA Board of Trustees were also present and available for discussion during the afternoon.

In October, YA hosted an evening at the Southwest Museum in Los Angeles for the yearly outside-the-park members' event. Craig Bates, Curator of Ethnography at Yosemite, presented a slide show and directed volunteers in the re-creation of a nineteenth century Indian meal. Southern Californian members were treated to a remarkable repast of venison stew, acorn mush, stewed hogweed, frybread, ashbread, and manzanita cider. Meanwhile, the volunteers learned first hand about the demands of the labor intensive process required to produce such a dinner for one hundred.

More than eighty Association members donated significant time and energy as

volunteers during the summer of 1992. The majority of that number took part in four YA Work Trips located in Yosemite Valley and Tuolumne Meadows. These trips are made possible by the cooperative efforts of the Yosemite Park & Curry Co., the Yosemite Institute, and the National Park Service, as well as YA. In each group, fifteen people spent a week assisting the Resource Management Division in their revegetation work in the park. This NPS unit, deprived of crews by the shrinking federal budgets, uses volunteer groups to provide all the necessary labor for restoration projects. Participating members reported that, along with days of hard physical work, they enjoyed outstanding experiences, both individually and collectively.

Thirty especially devoted YA members volunteered for a month or more in Yosemite in the summer of 1992. Stationed in the Valley and in Tuolumne Meadows, these folks hosted the NPS Museum Gallery and the seminar campground, as well as staffed the Membership Booths where they assisted the public and encouraged participation in the Association. Through their fine efforts last



HIKERS RETURNED TO THEIR TRAILHEADS WITH NOT ONLY A GREATER AWARENESS ABOUT YOSEMITE'S HIGH COUNTRY, BUT WITH A DEVELOPED GROUP CAMARADERIE. WE HEAR OF CLASS "REUNIONS" GATHERING AFTER THE SEMINARS TO SHARE SLIDES AND STORIES OF THE TRIPS!

year, YA acquired over 750 new members, including several in the Life and Participating Life categories. In this very successful program, Yosemite Association gains new support and revenues from people who have traveled from all parts of the world to visit this special place.

Seminars

During 1992, the Yosemite Association Field Seminars offered, among other courses, eleven backcountry trips in Yosemite's wilderness. Expert instruction in low-impact backpacking, high wilderness-ethics, and lots of general natural history filled these trips which ranged from three-to-eight days in length. Hikers returned to their trailheads with not only a greater awareness about Yosemite's high country, but with a developed group camaraderie. We hear of class "reunions" gathering after the seminars to share slides and stories of the trips!

Winter snow was light, the spring was quick but glorious, and the summer was somewhat different than other past drought years. Unseasonably heavy rain during the week of

July 13-17 washed earth slides down into roads, trails, and campgrounds during Dr. Sharsmith's grasses class, Mike Ross's relaxed botanists seminar, Gary Moon's "Sampler" day hikes, and Howard Weamer's "Habitats" photography seminar. All participants and instructors are to be commended for their good spirits during these drenched outings.

The absence of normal quantities of snow didn't limit the attendance for Yosemite's Winter World Ecology Study taught by Jim Paruk. The seminar was filled with eager enthusiasts who skied their way through the Crane Flat meadows to observe and learn about the effects that snow and ice have on the winter landscape. Dr. Carl Sharsmith taught two spring botany courses in the Merced River Canyon, led two hikes near Tuolumne meadows, and detailed the intricacies of Tuolumne's grasses & sedges to his devoted students.

Dr. Glenn Keator joined our staff to instruct a detailed course on composites in Tuolumne Meadows to a committed group. His botany segment in July found participants out and about the Park for five days, travelling from Yosemite

Valley to Tioga Pass, keying out plants. Michael Ross taught several classes in subjects ranging from alpine ecology to elementary school teacher education. Michael also conducted a special education course for junior high and high school teachers on integrated sciences in the subjects of math and chemistry, using Yosemite as a laboratory.

Our popular geology courses continued to fill to the maximum. Yosemite Valley geology taught by Jim Parker, Geology of the Yosemite Sierra taught by Berkeley lecturer, Doris Sloan, and the glaciation backpack seminar taught by Gary Arce were are very successful for both students and teachers.

Ben Kudo, Andie Thrums, Paul Tidwell and Inka Christiansen all taught different art-oriented classes during the year. Many students return, year after year, to take advantage of the special artistic and teaching skills of these instructors. Howard Weamer, Jeff Nixon, Dave Wyman and Michael Frye all taught photo workshops from Wawona, Yosemite Valley, Tuolumne Meadows, and the mountains beyond.

Several interesting Native

American studies were taught by Bev Ortiz and Kat Anderson on four separate seminars during the year such as "Sierra Miwok Coiled Basketry" and "Tending the Wilds — Miwok Indians as Ancient Cultivators."

Wrapping up with family trips and birding trips in 1992, a total of 966 Association seminar participants took part in the program during the year. It was the goal of the Yosemite Field Seminars to explore various Yosemite natural history and other subjects in depth, while instilling a deeper appreciation of Yosemite's important values as a natural and scenic preserve. Judging from the reactions of seminar participants, we succeeded in reaching that goal.

Other Programs

Arts in the Park: Yosemite has provided inspiration for artists and writers since Thomas Ayres made the first sketches of the Valley in 1855. Participants in the Art Activity Center program carried on this tradition in 1992. The Association, in cooperation with National Park Service and Yosemite Park & Curry Company, has offered lessons *continued on page 12*



Statement of Activity, 1992

Support and Revenues

	<i>Operating Fund</i>	<i>Restricted Funds</i>	<i>Plant Fund</i>	<i>Total</i>
Publication Sales	\$1,695,299			\$1,695,299
Seminars	108,150			108,150
Membership	187,039			187,039
Gifts		8,442		8,442
Investment Income	8,244			8,244
Theater	78,284			78,284
Auxiliary Activities	111,100	56,847		167,947
Film Program	3,915			3,915
Total Revenues	\$2,192,031	\$65,289		\$2,257,320

Expenses

Support Services:

Management & General	275,105		9,366	284,471
Membership	112,581		1,691	114,272

Cost of Sales & Auxiliary Activities:

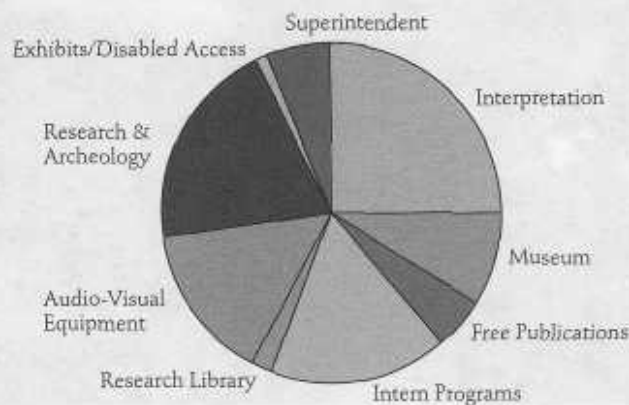
Publication Costs	1,168,945		13,667	1,182,612
Seminars	109,112		516	109,628
Theater	75,887		122	76,009
Auxiliary Activities	100,204		314	100,518
Film Program	2,235			2,235

Total Expenses	\$1,844,069		\$25,676	\$1,869,745
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Excess of Revenues Over Expenses	\$347,962	\$65,289	(\$25,676)	\$387,575
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1992 Donations to NPS:

\$339,208 (+27%)



Balance Sheet, 1992



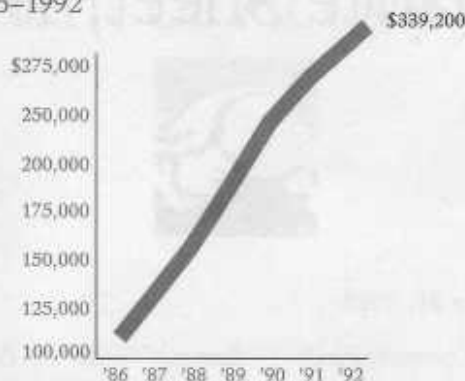
For year ending December 31, 1992

	<i>Operating Fund</i>	<i>Restricted Funds</i>	<i>Plant Fund</i>	<i>Total</i>
Cash	\$142,323	\$83,640		\$225,963
Accounts Receivable	33,003			33,003
Prepaid Expense	33,419			33,419
Inventories at Cost	673,153	14,210		687,363
Equipment			192,965	192,965
Accumulated Depreciation			(103,143)	(103,143)
Total Assets	\$881,898	\$97,850	\$89,882	\$1,069,570
Liabilities				
Accounts Payable	\$104,328			\$104,328
Deferred Revenue – Seminars	16,161			16,161
Accrued Taxes	18,622			18,622
Vacation Payable	20,082			20,082
Deferred Restricted Gifts		97,850		97,850
Royalty Payable	18,738			18,738
Total Liabilities	\$177,931	\$97,850		\$275,781
Fund Balances				
Invested in Equipment			\$89,822	\$89,822
Unappropriated	\$703,967			703,967
Total Fund Balances	\$703,967		\$89,822	\$793,789
Total Liabilities and Fund Balances	\$881,898	\$97,850	\$89,822	\$1,069,570

1992 Board of Trustees

- Lennie Roberts, *Chair*
- David Robertson, *Vice-Chair*
- Daniel Wolfus, *Treasurer*
- William Alsup
- Beverly Barrick
- Barbara DeWitt
- Edward C. Hardy
- Kathleen Orr
- Richard Reitnauer
- Anne Schneider
- Thomas J. Shephard
- Jean Watt
- Phyllis Weber
- Leonard W. McKenzie, *NPS Representative*
- Michael V. Finely, *NPS Representative*
- Jeffery C. Lapham, *Ex officio*
- Elvira Nisbikian, *Ex officio*
- Richard C. Otter, *Ex officio*

DIRECT AID TO NPS FROM YA, 1986-1992



in a number of art media through the Center since it opened in 1981. No previous experience was required to take the classes — just a willingness to see the Park through watercolors, oils, charcoal, pastels, sketching, poetry, writing, photography and more.

In 1992 there were 30 guest instructors and 2,350 visitors/art students. Claire Haley has managed the logistics and scheduling of the program since its inception. The program has grown each year, with five new instructors in 1992 and artist scheduling set three years in advance.

Interpretation of the park through the performing arts continued with the Yosemite Theater program. Writer/Director/Actor Lee Stetson was involved for his tenth season this year. Theater performers Lee and Connie Stetson, Gail Lynne Dreifus and Bob Roney represented Yosemite at the Conference of Cooperating Associations in San Antonio. Consequently, several parks and associations called on Yosemite talents to help develop new theater efforts.

Yosemite Theater attendance seemed to be impacted by the slow economy this year, but

still proved that park visitors are willing to pay for quality programming. Over 22,500 people attended our 1992 programs.

High Sierra Loop Trips:

This, too, is a cooperative effort sponsored by the Yosemite Association, the NPS and Yosemite's concessionaire. The Yosemite Park & Curry Company operates guest camps in Yosemite's backcountry, accessible only by foot or horseback. The Association employs guides to lead groups of visitors around the loop of camps in seven days. There were 20 trips in 1992 with 385 visitors trekking through the wilderness, learning scientific and historical data as they explored.

Film Assistance Program:

Yosemite Association film assistants participated in a variety of projects in 1992 including the shooting of a dramatic waterfall scene for a major film, "Last of the Mohicans." Advance photos and location scouting were provided to Twentieth Century Fox Studios for an upcoming

film, and the crew for a Japanese production received on-site assistance. Film activity in general is down somewhat due to new restrictions in Yosemite. In June, the National Park Service issued a policy prohibiting commercial filming in the park during the months of May through September and during traditional holiday periods. However, the Yosemite Association is now listed with the Mariposa County Film Commission in its new directory for film work referrals.

Special Trips: School groups and international tour agencies called upon the Association for guided trips in 1992. Eager environmental classes as well as groups and individuals from Germany, Austria, Italy and Japan toured various areas of the park with enthusiastic and knowledgeable trip leaders who focused on many aspects of Yosemite's fascinating natural and human history.

Ostrander Lake Ski Hut:

The Ostrander Lake Ski Hut has been operated for the Na-

tional Park Service by YA for twelve years. Reservations are made through our El Portal office. The charge is \$10 per night per person which covers the costs of staff, maintenance and supplies.

During the season which extended from mid-December through mid-April, approximately 1,300 nordic skiers used the hut for overnight accommodations. Howard Weamer returned in 1992 for his nineteenth year as principal hut keeper.

Contributions to the NPS and BLM: With its net revenues, YA benefits a wide variety of endeavors, but primarily donates funds to the National Park Service for its educational research, and environmental programs. YA also contributes to the Bureau of Land Management through its cooperative operation of the Briceburg Information Center.

During 1992 direct aid to the National Park Service totalled \$339,208, our highest donation level ever. This Aid-to-NPS figure grew by 27% over last year's total. Direct aid to the Bureau of Land Management was \$8,700.

continued on page



More on Ticks and Lyme Disease

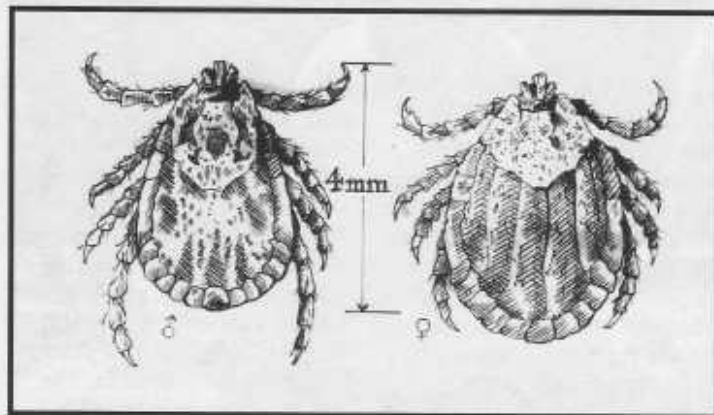
Editor's note: Since the last issue of this journal (which included an article about ticks and Lyme Disease) the following information was released by the National Park Service in Yosemite.

Recent surveys conducted in Yosemite by State Public Health Biologists revealed the presence of both Western Black-legged (*Ixodes pacificus*) and Dermacentor tick species. These ticks are capable of transmitting diseases such as Lyme Disease, Rocky Mountain Spotted Fever, and a syndrome called Tick Paralysis. The first case of Lyme Disease reported in California was in 1978. Today, it is the most common tick-borne disease in California, as well as in the United States.

Only about 1 to 2% of the adult Western Black-legged ticks in California are infected with the bacteria that causes Lyme Disease. This is much lower than the northeastern U.S. where 30 to 60% of the adult ticks are infected. However, all precautions should be taken to avoid tick bites. In 1992, a pool of ticks collected from the Wawona campground was confirmed by the Rocky Mountain Laboratory as positive for Lyme disease.

Removing a Tick

To remove a tick, grasp it with a tissue, paper towel, or tweezers, as close to the skin as possible. Gently pull the tick from the skin. Do not twist. Do not attempt to burn the tick with a match or apply vaseline or kerosene, etc. These techniques can cause the tick to inject saliva (including disease organisms) into the bite wound. Apply an antiseptic to the bite area after removing the tick. Wash your hands with soap and water. Save the tick for identification, if needed.



About Lyme Disease

Lyme Disease is a tick-borne illness caused by the bacteria *Borrelia burgdorferi*. A characteristic rash is seen in from 30 to 60 percent of the cases in people. Other signs may include flu-like symptoms, fever, aches and fatigue. Later complications may involve the heart, nervous system, or joints (severe arthritis).

The Lyme Disease rash is a slowly-enlarging red rash occurring 3 to 30 days (average 7 to 9 days) after the bite of an infected tick. The rash expands over a period of days or weeks to form a large circular lesion, often with a central clear area. Often a tick bite will be followed by a reaction at the site of the bite which does not expand and which disappears with a few days. This should not be confused with Lyme Disease.

In California, the Western Black-legged tick is the major carrier of the disease. The tick has been found in 53 of 58 counties in the state, and it has been found in Yosemite. The adult female is reddish-brown with black legs, and about an eighth of an inch long. Males are smaller and entirely brownish-black. Immature ticks can be as small as the head of a pin. Adult ticks are usually found on vegetation about one to two feet in height such as grasses and brush (even dried grasses and plants from the

Lyme disease is the most common tick-borne disease in California, as well as in the United States.

previous season). They climb to tips of vegetation and wait for an animal or human host to brush against them.

Only 1 to 2% of adult Western Black-legged ticks in California are infected with the bacteria that causes Lyme Disease. Evidence indicates that the bacteria is usually not transmitted to humans until the tick has fed for several hours. This makes regular inspection of people and pets for ticks even more important.

7 Ways to Avoid Tick Bites

- Stay on designated trails and avoid grassy or brushy areas.
- Tuck pants legs into socks, and shirts in pants. This keeps ticks on the outside of your clothes until you can spot and remove them.
- Wear light-colored clothing. Dark ticks can be better spotted against a light background.
- Inspect your clothes for ticks regularly while in tick habitat.
- Use repellents according to label instructions. Application to shoes, socks, cuffs, and pants legs can help.
- Check your pets frequently for ticks. Brush your pets and carefully check the areas of the armpits, ears, head, and groin.

Flea and tick repellents help, but regular brushing and checks are still important.

■ Thoroughly check yourself, your children, and your pets following time spent in tick habitat.

From the Archives

Editors note: While working at the National Archives, YA member Steve Harrison happened upon the following letter regarding unusual concession applications.

July 16, 1930

The Director
National Park Service
Washington, D.C.

Dear Mr. Director:

I notice copy of your letter of July 9th declining a permit for a miniature golf course in Yosemite to one D. S. Garber.

It will doubtless interest you to know that here we have had over one hundred such applications during the year since this craze hit the country and, of course, have uniformly turned them down. Each of these applicants seems to think that he has conceived an original idea, a good deal along the line of the periodical suggestion that we dam Yosemite Creek. All of the old suggestions have cropped up as usual, but we have a new one now — a representative of the Richfield Oil Company wants a concession to operate a captive balloon from the floor of the Valley to carry passengers 4,000 feet straight up in order to get views of the high country.

Very respectfully,

C. G. Thomson
Superintendent

Selected 1992 Donations to the Yosemite Museum

*Craig D. Bates and
Martha J. Lee*

The Yosemite Museum has received a number of important donations from the Yosemite Association and other friends in the last year, and we would like to share a few of the highlights.

Craig Bates was surprised to see a basket from the Yosemite Indian Field Days for sale in Santa Fe, New Mexico, at the Antique American Indian Art Show. Bates recognized the basket from a 1925 photograph of Nellie Charlie taken in Yosemite at the Indian Field Days (fig. 1). It is a unique basket for its period, as it has single, spaced design units and vertically-oriented patterns (fig. 2), and the Yosemite Museum did not have any beaded baskets from Yosemite Indian Field Days celebrations in its collection. We were delighted that the Yosemite Association was able to purchase this fine example of Nellie Charlie's artwork for the park.

The Yosemite Association was also instrumental in adding another important basket to the Yosemite Museum. A photograph of a basket was sent to the museum for identification, and the basket was recognized as one that appeared in a 1920s photograph of Maggie "Tabuce" Howard demonstrating in the Indian Village behind the Yosemite Museum (fig. 3). The basket is finely

woven of sedge root and bracken fern, and is a lovely example of the style of basket woven in the Yosemite area by Paiute women during the 1920s. We were fortunate to be able to purchase it for the Yosemite Museum with funds provided by the Yosemite Association.

Another significant acquisition in the field of American Indian art was a group of baskets collected by Estella Washburn during the late 19th and early 20th century (fig. 4). Mrs. Washburn, who lived in and operated the Wawona Hotel with her husband's family for many years, was a friend to a number of Indian people in the Wawona area, including Ellen Amos. The baskets Mrs. Washburn collected provide a fascinating glimpse of basket styles that were woven in the Wawona area at the turn of the century. Again, the Yosemite Association enabled us to add this collection to the Yosemite Museum.

A donation of 67 glass plate negatives to the Yosemite Museum by the Kennedy

Mill Farm Corporation of Pittsburgh, Pennsylvania

compliments a donation of baskets they made in 1986. The baskets were collected by G.A. Steiner between 1900 and 1916, and the negatives, made by Steiner's son Klaus (probably around 1916), picture a portion of the basket collection. The negatives are important for showing some of the baskets which are now in the Yosemite Museum as they appeared more than 75 years ago (fig. 5) and they reveal the way in which many basket collectors liked to display their collections at that time.

Other photographic materials acquired in 1992 include an interesting advertising poster for Seagram's Whiskey (ca. 1940s), featuring the much-photographed Jeffrey pine on Sentinel Dome, and a group of souvenir mini-postcards of Yosemite which were sold in their own Yosemite Mail Bag. Such images of the park, produced for advertising

and souvenirs, are important records

of how our society has viewed and remembered Yosemite. Again, the generosity of the Yosemite Association resulted in our being able to add these items to the Yosemite Museum.

An intriguing wooden cane was purchased for the park by the Yosemite Association (YA) from a man whose parents had purchased it in about 1950 in Yosemite. His parents were told that the cane had been carved by "the Chief of the Yosemite Indians" and he recalled seeing a large bin of canes in the shop where it was purchased. In fact, the cane (which has "Yosemite National Park" carved on it along with

Estella Washburn collected these baskets in the Wawona area in the late 1800's and early 1900's.



the image of an eagle perched on a cactus clutching a serpent) was not made in Yosemite, or even in the United States: it was made in Mexico. Such customized canes were commonly sold in curio stores throughout the west and southwest in the 1940s-1950s. Its attribution of having been carved by "the Chief of the Yosemite Indians" was probably good for sales, but unless the Chief had relocated to Mexico (and taken up Mexican woodcarving), he did not make it! The cane joins a small group of other Yosemite souvenirs in the park collection.

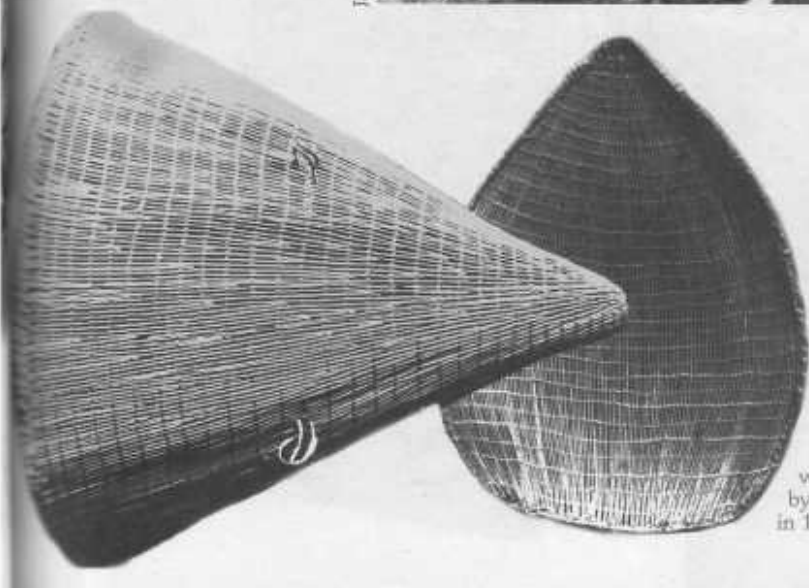
The Yosemite Museum collection continues to grow, preserving the natural and human history of the Yosemite region. New ethnographic acquisitions are often shown in the Indian Cultural Museum, so stop by on your next visit to Yosemite Valley. If you have a special interest, tours of the museum collections can usually be arranged if you call the park well ahead of time (209/372-0282).



Nellie Charlie (top) and her baskets in 1925 — the basket at left front was purchased for the Museum. Maggie Howard (bottom) behind the Museum ca. 1930.; fancy basket left top is now in the Museum.



T.L. BOYSEN



This glass plate negative of Washoe burden basket and winnowing tray was donated by Kennedy Mill Farm Corp., in 1992.

209-379-2317

If you're planning a trip to Yosemite and have questions, give our Members' phone line a call between the hours of 9:00 am and 4:30 pm Monday through Friday. We don't make reservations, but we can give the appropriate phone numbers and usually lots of helpful advice.

Friends of the Association, 1992

The following fine people and companies made generous contributions of their time, money, or energy during the past year. We extend them heartfelt thanks, and apologize to anyone whose name was inadvertently omitted.

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Yosemite

CATALOG



CH100 Yosemite — A Postbox Collection with photographs by William Neill and text by Hannah Gosnell. This new product combines a small-format photo book with fifteen different Yosemite postcards, all of which are packaged in a fold-down box. The spectacular collection of color images was photographed by William Neill, who has contributed to a number of Yosemite Association and other publications. Also included are engaging descriptions of the various aspects of Yosemite's natural history and more. The photos in the book and on the postcards are the same, so you can send the cards and keep the book. The postbox collection makes a nice souvenir or an attractive gift. **32 page book and 15 postcards, \$10**

02300 The World of Small - Nature Explorations with a Hand Lens by Michael Elsohn Ross, illustrated by Cary M. Trout. A guide to nature in miniature, this new book from the Yosemite Association is for curious readers age 7 years and older. It comes packaged with a high quality hand lens with which you are invited to observe insects, body parts, dirt, plants, even slime and other yucky things, like you've never seen them before — magnified to five times their normal size. The numerous activities inside this colorful handbook are eye-opening, enlightening, and entertaining. Alongside whimsical, full-color illustrations there are

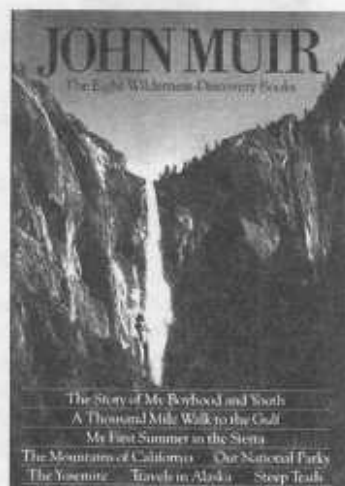
easy to read paragraphs that explain scientific concepts and everyday phenomena. Portions of the text appear in italics and provide instructions for a range of hand lens activities to involve children (and others) in the natural environment.

The lens was manufactured by Bausch & Lomb, makers of fine optical equipment. It features five power magnification and a durable, impact resistant case which snaps shut to provide protection from scratching. The lens comes packaged in a clear plastic box which doubles as a collecting and viewing container. Yosemite Association, 1993.

64 pages, wire-bound, with hand lens, \$15.95.

01550 One Hundred Years in Yosemite - Omnibus Edition, by Carl Parcher Russell. A reprint, the second in the *High Sierra Classics Series* published by the Association, is a readable, yet scholarly study of the history of Yosemite National Park, illustrating the human experiences and events of the Yosemite region, and growth of the concept of land preservation. This edition, reproduced from the last with which Dr. Russell was directly involved, contains a new introduction, a printing history of the book and an author profile by local historian, Hank Johnston who has also annotated

the text. Nine rare documents which appeared in the first edition of 1932 are reprinted, as well as an extensive bibliography from the first and second editions. The chronology has been updated through 1991. **269 pages, \$9.95**



21075 The Eight Wilderness-Discovery Books by John Muir. This new collection of some of Muir's best writing is an impressively thick reprint of eight different books. If you're just starting a library of Muir, or if you'd like a convenient reading copy, this volume should be attractive. It includes, in their entirety, *The Story of My Boyhood and Youth*, *A Thousand Mile Walk to the Gulf*, *My First Summer in the Sierra*, *The Mountains of California*, *Our National Parks*, *The Yosemite*, *Travels in Alaska*, and *Steep Trails*. The books are not indexed, but there's a brief introduction and several appendices which include a chronology and a selected bibliography. The greatest advantage of the book is that it collects so many works by Muir in one volume. **The Mountaineers, 1992. 1030 pages, hardbound, \$35.00.**

16115 California's Threatened Environment - Restoring the Dream edited by Tim Palmer. Here is a collection of essays which examine the many and varied threats to the health and well-being of California's striking landscape. Experts from across the state address such issues as population growth, transportation and energy, air quality, land use, toxic and hazardous wastes, coastal waters and parks and recreation. What





distinguishes the book it also identifies realistic and workable suggestions for revitalizing California in a way that would make it a model of sustainability for threatened environments across the United States. Sponsored by the Planning and Conservation League Foundation, *California's Threatened Environment* sounds at once an environmental alarm and a call for hope. Island Press, 1993.

305 pages, paper, \$15.95

33425 This Is the American Earth by Ansel Adams and Nancy Newhall. Originally published in 1960 as the first in the Sierra Club's revolutionary "Exhibit Format Series," this conser-



vation classic has been reissued as part of the club's centennial celebration. It presents eighty-five powerful black-and-white photographs. Forty-four are by Ansel Adams and the remainder were taken by such eminent photographers as Eliot Porter, Philip Hyde, Edward Weston, and Margaret Bourke-White. Accompanying the images is an inspiring text in blank verse by Nancy Newhall. Called a classic of both photographic and environmental literature, the book is an invitation to witness the extraordinary beauty of our planet, and a plea to save and to cherish our finite and quickly dwindling resources. Sierra Club, 1992.

89 pages, clothbound, \$50.00

07800 Yosemite Enamel Pin.

Designed especially for the Association, our enameled metal pin is a work of art. Each of the 10 different glazes is hand placed and separately fired. The result, from William Spear Design, is an eye-catching and colorful piece. The metal enamel pins are relief engraved in a $\frac{1}{8}$ " x 2" size.

\$11.95.



pack cloth with a waterproof coating on one side. Beige with the dark brown and white Yosemite Association patch, the Pelican Pouch measures 8 x 5 2/4 inches.

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07516 Yosemite Association Patch.

Our Association logo is embroidered on colorful, sturdy fabric for placement on daypacks, shirts, blue jeans, jackets, or wherever! The newly designed patch is available in three attractive colors: dark blue, forest green, and maroon.

\$3.00 (please specify color)

07510 Yosemite Association Mug.

This distinctive and functional heavy ceramic mug feels good with your hand wrapped around it. Available in two colors (green and maroon), it's imprinted with our logo and name in black and white. Holds 12 ounces of your favorite beverage.

\$6.50.

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07700 Pelican Pouch, Wilderness

Belt Bag. The Pelican Pouch is not only perfect for carrying field guides, but also offers instant access to all the small items that are usually buried in your pack — pocket camera, lenses, maps, or your favorite trail mix! The pouch is designed with front snap fasteners on the straps. This allows comfortable positioning on your belt — even between belt loops; no need to take your belt off first. The material is high quality Cordura

07505 Yosemite Association

Baseball-Style Cap. After long being out of stock, our caps are available once again. The new version is made of corduroy with an adjustable strap at the back so that one size fits all. The cap is adorned with a YA logo patch, and comes in dark blue, forest green and maroon colors. The cap is stylish and comfortable, and wearing is a good way to demonstrate your support for Yosemite.

\$9.95 (please specify color)



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In Memory of Henry Berrey: Mr & Mrs Sumner Gambee

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In Memory of Stephan H Schaie: K Warner Schaie

Words by Which to Remember Wallace Stegner (1909-1993)

"Yosemite always forces us to look up. It asks reverent contemplation, it takes our eyes off the treadmill as if there were magnets up on the rims. And yet how friendly! The colors are modest. The massive shapes that time, weather, and ice have carved out of the walls are so grandly simple, the broad flat forested meadow-breasted river-veined valley is so gentle, that we are invited in, not shut out. We are never overpowered. I know of no natural scenery on so grand a scale that makes a watcher feel at once so reverent and so safe." — Wallace Stegner, 1991

New Bibliography Available

A comprehensive new bibliography of the literature of Yosemite, the High Sierra, and the big trees has just been issued by Dawson's Book Shop and William P. Wreden. Entitled *Bibliography of Yosemite, the Central and the Southern High Sierra, and the Big Trees 1839-1900*, the annotated list was prepared by Lloyd W. Currey and long-time friend of the Yosemite Association, Dennis G. Kruska.

The bibliography is restricted to the described geographic regions and to the period of 60 or so years culminating at the turn of the century. Among the materials included are books, pamphlets, brochures, leaflets, broadsides, advertising cards, trade cards, and maps.

The over 400 main entries are arranged alphabetically by author or issuing body, with subsequent works. The bibliography was prepared as a sequel to Francis Farquhar's classic *Yosemite, the Big Trees and the High Sierra: A Selective Bibliography*, and sells for \$150.

For more information or to order, call Dawson's Book Shop at (213) 469-2186.

Review 1992

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Contributions by category:

Interpretation	\$ 85,813
Intern programs	57,576
Museum	29,814
Research Library	5,116
Research & Archeology	72,702
Free Publications	18,602
Superintendent	15,275
Exhibits/Disabled	
Access	3,240
Audio-Visual	
Equipment	51,070
Total for 1992	\$339,208

Research Grant Program: YA made expenditures for grants to independent researchers in the amount of \$30,238 during 1992. A variety of projects were undertaken with the money including the Yosemite Photographic Survey, archeological dating correction research, evaluation of declining amphibians, monitoring of avian populations, and the impact of introduced fish on community structure at high lakes.

Restricted Funds: In addition, the Association managed restricted funds for the Yosemite Search and Rescue Team, the NPS Research Library, DARE Drug Rehab Program, Memorial Funds, NPS AV Center, Ostrander, and numerous other activities. \$65,289 was expended from restricted accounts in 1992.

Association Dates

July 11-17, 1993: Member Work Trip, Yosemite Valley

July 25-31, 1993: Member Work Trip, Yosemite Valley

August 22-28, 1993: Member Work Trip, Tuolumne Meadows

October 3-9, 1993: Member Work Trip, Yosemite Valley

September 11, 1993: Annual Meeting, Tuolumne Meadows

March 26, 1994: Spring Forum, Yosemite Valley

New Members

We would like to welcome to the Yosemite Association the following persons who became members within the past three months. Your support is greatly appreciated.

Regular Members

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 Baker, Joe & Phyllis Bayewitch, Jean
 Baker, Margaret Beermink, J Behrens,
 Baker, Amy Belo, Gordon Berg, Brad
 Bergman, Lucy Berkemeier, Shirley
 Bergman, Mr & Mrs John H Bevis, Louise
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 Bergman, John J Cassidy, Sally Chang, Lin
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 Bergman, Steven A Cory, Wendi Craig,
 Bergman, Patricia Crosby, Kyle M
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 Bergman, N & Michael Davis, Mary De
 Bergman, Alfred A deLorimer, Doreen
 Bergman, Robert L Dohrmann, Jem
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 Bergman, Louise Fleenor, Ruth Foster,
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 Bergman, C Welsh & M Frye, S
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Join the Yosemite Association

You can help support the work of the Yosemite Association by becoming a member. Revenues generated by the Association's activities are used to fund a variety of National Park Service programs in Yosemite. Not only does the Yosemite Association publish and sell literature and maps, it sponsors field seminars, the park's Art Activity Center, and the Ostrander Lake Ski Hut. A critical element in the success of the Association is its membership. Individuals and families throughout the country have long supported the Yosemite Association through their personal commitments. Won't you join us in our

effort to make Yosemite an even better place?

Member Benefits

As a member of the Yosemite Association, you will enjoy the following benefits:

☆ *Yosemite*, the Association bulletin, published on a quarterly basis;

☆ A 15% discount on all books, maps, posters, calendars and publications stocked for sale by the Association;

☆ A 10% discount on most of the field seminars conducted by the Association in Yosemite National Park;

☆ The opportunity to participate in the annual Members' Meeting held in the park each fall, along with other Association activities;

☆ A Yosemite Association decal; and

☆ Special membership gifts as follows:

Supporting Member: A selection of 8 handsome notecards (with envelopes) featuring beautiful photographs of Yosemite;

Contributing Member: A Yosemite Association mug — new design;

Sustaining Member: A copy of the award-winning video, *Yosemite: The Fate of Heaven*;

Life Member: Matted color photograph by Howard Weamer of a Yosemite scene; and

Participating Life Member: Ansel Adams Special Edition print, archivally mounted.

Membership dues are tax-deductible as provided by law.

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Moving?

If you are moving, or have recently moved, don't forget to notify us. You are a valuable member of the Association, and we'd like to keep in touch with you.

YoseMit

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Dan Anderson