



sequoia needles

Bulletin of the

SEQUOIA AUDUBON SOCIETY

San Mateo County, Ca.

October 1986

vol. 35, #2

THIS MONTH'S PROGRAM

JANIS WILD

Travel with Janis Wild of the Peninsula Humane Society's Wildlife Department, to a wildlife preserve in the Amazon jungle in her 30 minute slide presentation on Thursday, October 9.

Share with her the wonder of the jungle: Ocelots, sloths and waterlilies six feet across. Take a walk through deep jungle where vines shoot up two hundred feet to the upper canopy. Swim in the mighty Amazon with the notorious piranha.

Ecologists estimate that, at the present rate of destruction, in twenty years the Amazon jungle, the world's largest rain forest, will be gone, never to regenerate. Find out why this is happening and what is being done to curtail this terrible waste.

Meetings are held at the San Mateo Garden Center on the Alameda at Parkside. The Social Mixer begins at 7:30 P.M. with the General Meeting and Program at 8:00 P.M.

TREASURER NEEDED

It only takes a quick look at Page Eight to see that we still have a few important committee and officer openings left in our organization.

Most important of these is the Treasurer's position which has been filled on a day-to-day basis by Nick Coiro ever since Ruth Simonson moved to Bakersfield last year. The organization owes a large debt of gratitude to Nick for his assistance during this time.

If you have a minimum of bookkeeping experience or training, a willingness to take responsibility and a desire to sit on the Board of Sequoia Audubon, we need you!

To volunteer, call the office (593-7368) or President Linda Kypta (591-9053).

FROM THE PRESIDENT

LINDA KYPTA

A VERY IMPORTANT ISSUE is before the voters in San Mateo County. There seems to be constant battle between environmentalists, politicians and developers. We have a real fight ahead of us and the results could affect all of us in the future.

The SAVE OUR COAST Committee has done a phenomenal job in collecting 33,000 signatures to put Measure A, the Coastal Protection Initiative on the November 4 ballot. and the Board of Directors of SAS has voted its unanimous support.

Under Measure A, the Board of Supervisors could not repeal essential safeguards for the San Mateo Coast without the consent of the County's voters. Measure A limits urban type development to the existing urban areas where there is room to grow. Measure A also prohibits onshore facilities and pipelines for offshore oil and gas production. By contrast, Measure B, hastily put together by the County Supervisors would not prohibit oil pipelines nor excessive and badly located development. Worst of all, even if Measure A passes, it would be nullified if Measure B receives one more vote!

Measure B appears to have been drawn up to confuse the voters, assure the defeat of Measure A, and retain the power of the Board of Supervisors. At the present time, and under Measure B, the control over development of the coast rests with the Supervisors and not with the voters.

The San Mateo Coast today is a remarkable unspoiled place where watersheds, marshes, environmentally sensitive areas, wildlife habitats, forest and farmlands are a dramatic contrast to the urban Bayside. We should do everything we can to protect this heritage so that future generations will be able to enjoy this vital and sensitive area.

The County's Local Coastal Program was enacted by the Board of Supervisors in 1980 after exhaustive public hearings. SAS and other citizen groups succeeded in assuring that the plan adequately protects wildlife habitats and other valuable natural qualities of the rural areas. Today, however, this plan is under imminent threat. Well-financed development interests are constantly pressuring county officials to eliminate coastal controls. The Board of Supervisors has demonstrated a willingness to weaken significantly the Coastal Protection Plan. Much of the coast, as we know it today, could be dramatically changed within a few years.

SAS members will be receiving a separate mailing from the SAVE OUR COAST Committee, proponents of Measure A. Please do whatever you can to help pass this most important initiative measure.

THE PESCADERO MARSH INTERPRETIVE ASSOCIATION is making good progress. Rick Baird, Chairman of SAS's Pescadero Marsh Committee, has been elected as the first president of the

(Continued on Page Four)

NEWS FROM THE RANCH

OCTOBER 1986						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

OCT. 14 FIELD TRIP PLANNING AND ORGANIZING SESSION.
TUESDAY Anyone interested in making suggestions for week-
day or weekend field trips, leading field trips or
otherwise participating in the future planning for Sequoia
Audubon is welcome to join the Field Trip Committee's
planning session. The Field Trip Committee expects to rough
out the field trip schedule for the entire year. This year
the emphasis is to be on the Peninsula and the Bay. OPEN TO
ANYONE INTERESTED IN FIELD TRIPS.

```

/=====\  

/=====/ WELCOME! \=====\  

! FIELD TRIPS AND THE GENERAL MEETINGS ARE OPEN TO ALL !  

! MEMBERS AND TO THE GENERAL PUBLIC. BEGINNERS ARE WELCOME !  

! ON ALL OF OUR FIELD TRIPS. SOME TRIPS ARE DESIGNATED AS !  

! BEGINNERS' TRIPS BECAUSE THEY ARE RELATIVELY NEARBY AND !  

! MAY BE ENJOYED WITHOUT SPECIAL CLOTHING, EQUIPMENT OR !  

\===== PRIORITY EXPERIENCE. /=====\  

\=====/  


```

OCT. 18 CASCADA RANCH FIELD TRIP. Gary Strachan, State
SATURDAY Parks Ranger, Auduboner and extraordinary birder
will lead us through one of State Parks' newest
and least known acquisitions. As the resident ranger at Ano
Nuevo State Reserve, Gary has had many opportunities to ex-
plore and enjoy this marvelous addition to the system and is
eager to share it with us. The trip will begin at 9:00 AM
at the parking lot of the Ano Nuevo State Reserve and end
approximately at noon. For those who bring lunch and wish
to continue afterward there will be an informal afternoon
trek to Ano Nuevo Point with another leader. To get there
take Hwy. 1 south from Half Moon Bay. In approximately 30
miles you will see the signs for the Ano Nuevo State Reserve
on the right. Turn in and follow the road to the parking
lot. Identify yourself as an SAS field trip participant to
the ranger on duty at the entrance booth. Sturdy shoes or
boots are recommended as there may be some rough footing
over somewhat rolling ground.

LEADER GARY STRACHAN
For additional information call the SAS Office (593-7368) or
the Field Trip Chairman, Cliff Richer (355-4058).

OCT. 21 ATTRACTING WILD BIRDS ---- SEQUOIA NATURAL HISTORY
TUESDAY SERIES with Juanita Heinemann. The class will
 focus on using the right plants, seeds and feeders
to attract the birds you want to your yard. The time will
be from 7 to 9 PM. Call the Audubon Office (593-7368) for
further details or to make your reservations.

Readers may want to mark their calendars for some of these upcoming events at the Sonoma Bouverie Preserve.

The always popular Saturday Community Hikes have begun again and are scheduled for October 25, November 22 and December 27 from 9:30 AM to 1:30 PM. Reservations should be made well in advance and not later than the Wednesday prior to each hike by calling (707) 938-4554. If you leave a message on the answering machine be sure to include the area code with your phone number.

Birding for Beginners classes will be held at the Bouverie Preserve on October 4 and 11 by John Petersen. If you think Audubon is a freeway in Germany then this class is for you! Even the binoculars will be provided.

On October 18 you can learn about the original people of Sonoma County in a class entitled Native American Lifestyles, conducted by Foley Benson.

If you want to be among the first to visit ACR's new property at Tom's Point on Tomales Bay, you'd better sign up early for Double Special: Cypress Grove and Tom's Point. In a double header on November 1 you will be able to join Anne Monk, John Petersen and Ray Peterson on a day of easy hiking and birding at both of these special places.

The following classes will be held at the Bolinas Preserve.

A Birding for Beginners class by John Kelly on October 11.

Bats, Toads and Autumn Tricks ought to get you in the mood for Halloween. This class will be held the weekend of October 25/26. Make masks, bake treats and learn about some mysterious animals with ACR naturalists Anne Monk and Ray Peterson.

Birding on the Fault is a weekend with John Kelly of the Point Reyes Bird Observatory and John Petersen at both Bolinas Lagoon and Cypress Grove. If you are a beginning or intermediate birder mark November 8/9 on your schedule for this adventure.

Come and learn about the incredible, inedible Monarch Butterfly, a creature so small that calling it a "pea brain" would be a compliment! Ray Peterson will introduce you to The Monarch: Royalty Among the Migrants on Saturday, November 15.

To make a reservation for any of these classes call ACR at (415) 383-1644.

(Continued on Page Three)

BOBELAINE NAMED ECOLOGICAL PRESERVE

DAN TAYLOR

The Bobelaine Audubon Sanctuary, owned by the National Audubon Society and managed by the Sacramento Audubon Society has been officially designated as a California state ecological reserve by the Department of Fish and Game. This designation places our sanctuary, a 430 acre riparian woodland along the Feather River, in a system which includes some of the state's most valuable wildlife lands.

As an ecological reserve, the sanctuary will receive more protection from state and local law enforcement agencies. This should provide better protection against trespassing, poaching and vandalism, all of which have occurred at the sanctuary.

The members of our Sacramento chapter deserve credit for making this designation a reality. If your chapter plans to visit Bobelaine and enjoy the riparian and wetland habitat found there, you will need a permit for entry. For Audubon members the permit will consist of a current Audubon membership card, which can be shown upon request to a warden or police officer.

For more information about our sanctuary, please contact Mr. Mel Pasta, Chairman of the Sanctuary Committee for the Sacramento Audubon Society. Mel may be reached at 6233 Empart Drive, Carmichael, Ca. 95608, (916) 961-8565.

I strongly encourage you to visit Bobelaine. It is a beautiful example of a riparian woodland managed solely for wildlife habitat values.

FREE WINE-TASTING

The Richardson Bay/Audubon Center and Sanctuary will host a wine-tasting on Sunday, October 19 from 3 to 5 PM at the Lyford House on the Center grounds to introduce the new Audubon collection by Montali Winery.

Chardonnay and cabernet sauvignon will be served. Each features six different labels reproducing the original artwork by the legendary artist and naturalist, John James Audubon. The labels were developed in close coordination with the National Audubon Society who furnished reproductions of the historic bird paintings. Montali will provide the Center a premium for each case sold.

CALENDAR (Continued from Page Two)

NOVEMBER 1986

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

NOV. 5 BEHIND THE SCENES AT THE ACADEMY OF SCIENCE
WEDNESDAY -SEQUOIA NATURAL HISTORY SERIES TRIP- Reservations and a fifty cent admission fee to the Academy are required. The tour will last from 10:30 AM to 1:00 PM and will concentrate on the Academy's bird collections. Our guide will be Dr. Steve Bailey, well known local birder and ornithologist. We will meet outside the main entrance to the Academy just before 10:30. Call the SAS Office (593-7368) or the Coordinator to make your reservations. Class size is limited to fifteen.

SAS COORDINATOR

LINDA KYPTA

591-9053

NOV. 6 SAS BOARD MEETING. 7:30 PM at the Bank of America
THURSDAY Bank Building, 400 El Camino Real, Burlingame. ALL MEMBERS ARE WELCOME.

EAST BAY CONSERVATION NOTES

In *The Kite Call*, the newsletter of the Ohlone Audubon Society, Elsie Ritchie reports that the destruction of East Bay wetlands continues.

The Ponderosa Homes project in Union City continues to move forward despite a number of apparent violations. After commencing work without proper permits the developer was placed under a cease and desist order by the Corps of Engineers but was able to challenge their authority and get them to withdraw. When a potential challenge materialized from the US Fish and Wildlife Service, the developer proceeded to plow the land destroying the habitat and some traps set by USF&WS to document the existence of the endangered salt marsh harvest mouse. Meanwhile, the Union City Council and Planning Commission have approved the permits after the fact and without a required public hearing even though there is a building moratorium in Union City. A challenge is now being mounted by the citizens' group, COSA, under the mantle of the Peninsula Conservation Center Foundation. Anyone wishing to support what is likely to become an expensive legal battle should send donations to PCCF c/o COSA, 5066 Anaheim Loop, Union City, Ca. 94587 or call Martha Esserlieu at 487-1282 to volunteer their time and talent.

The EPA has taken jurisdiction over the proposed Oakland Airport expansion and has given the go-ahead for a reduced plan which would take only 180 acres of wetlands. However mitigation plans do not meet BCDC guidelines and various environmental organizations may decide to oppose the expansion because of the airport's failure to prepare an up-dated environmental impact statement.

Funds have been approved for expansion of the San Francisco Bay National Wildlife Refuge by 18,000 acres...but only 20 of these acres would be wetlands.

FROM THE PRESIDENT
(Continued from Page One)

Interpretive Association. Gary Allen of Pescadero has been elected as Treasurer and Rick Newkold, whose legal advice was invaluable in the formative stage, is Recording Secretary. Under the PMIA by-laws, Sequoia is entitled to three seats on the Board of Directors. These seats are being held by Elgin Juri, Linda Kypka and Cliff Richer with Charles Newman as an alternate. Gary Strachen, who represents State Parks as Executive Secretary, is also an SAS member as are at least two other nominees to the board.

SAS has been very active in getting this new organization off the ground and we are very proud of our "new baby". Besides the work of our members, SAS has made use of its Pescadero Marsh Fund to help the new organization. A small donation was made by the SAS Board of Directors to defray the incorporation costs of PMIA and the Board also voted to purchase and donate - through the PMIA - an electric generator for the new Coastal Marsh Van which will serve as a temporary visitors' center at the marsh. The van has been in place at the marsh since Mid-September and "our" generator made its first appearances during the Coastal Clean-up Day on September 20.

We are very excited about the success of this SAS-sponsored venture and we hope you will take advantage of it and tell your friends about the new happenings at Pescadero Marsh.

IF YOU HAVEN'T BEEN RECEIVING YOUR COPY OF THE *NEEDLES* or know of someone with this problem, please call Liz at the office (593-7368). Its possible we have an incorrect address or that your card could be slipping through our Addressograph machine without printing.

SAN FRANCISCO PENINSULA BIRDWATCHING is well into its second printing and we've decided to pass on the savings to our customers. The new price is \$7.99 if purchased at the office or at our meetings and \$8.99 if purchased by mail. Prices include all taxes, postage and handling charges. Our price to dealers and bookstores has also been adjusted. Also, our book has gone international. We've received compliments from Tony Soper of the BBC's Natural History Unit which will be sponsoring a January tour to our area.

WE REGRET that after many years of outstanding hard work that Frank Allen will be unable to act as coordinator for this year's Christmas Count. However, we are pleased that Peter Metropolis has agreed to take over. No one is better qualified to handle this difficult task. Peter is not only one of the best birders anywhere but he is the compiler of our official county checklists and has an abiding interest in the statistics of bird distribution and occurrence. He has also birded extensively with Barry Sauppe who will continue as our compiler. In a departure from previous procedures, Peter requests that all inquiries or information be relayed through the SAS office telephone number.

**LEAD SHOT
THE DOUBLE-BARRELLED KILLER**

CLIFF RICHER

Twenty years ago, when I was a member of a local fish and game organization in Massachusetts, the issue of lead shot versus steel shot was raised. Although I was not a hunter or even a gun-owner I was interested in the reactions of those who were, since this seemed to me to be a conservation issue of such obvious import and easy solution.

At that time I found - by my very unscientific survey - that a majority of the hunters in this group were in favor of or neutral on the issue of steel shot. However, those who opposed the mandatory use of steel shot were far more vocal

(Continued on Page Five)

**TOM TABER: CALIFORNIA
WILDLIFE CLASS**

SAS member and former Board Member, Tom Taber will be teaching a one-unit class at De Anza College beginning October 23.

Where to See Wildlife in California will consist of two evening classes and three exciting weekend field trips to some of the Bay Area's most spectacular natural places, including Point Lobos, Ano Nuevo and Long Ridge.

The course will blend ecology, economics and history and concentrate on:

Discovering where, when and how to see seals, whales, eagles, sea otters, elk, bighorn sheep and much more.

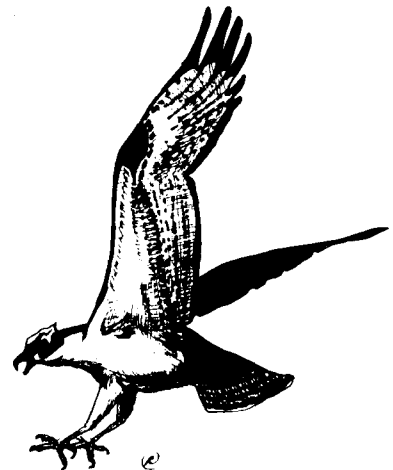
Learning the ancient Indian skills of reading tracks, stalking wild animals and blending into the landscape.

Becoming familiar with the political, social and ecological issues affecting wildlife and its habitat in California.

Tom is the author of *Where to See Wildlife in California* and *The Santa Cruz Mountains Trail Book*.

For registration information contact De Anza College, 21250 Stevens Creek Blvd., Cupertino, Ca. 95014; (408) 996-4720.

The class fee is \$9.50



LEAD SHOT: THE DOUBLE-BARRELLED KILLER

(Continued from Page Four)

and emotional about the issue. As a group they tended to be more active on the pistol and skeet range, own more guns, hand-load their own ammunition and - without exception - be members of the National Rifle Association.

Over the years, the NRA point of view has apparently gained headway among hunters and gunners and this position has become solidified so that - with some rare and isolated exceptions - lead shot remains legal and the choice of most hunters.

Finally, this spring, after an unsuccessful attempt to persuade the Interior Department to make non-toxic steel shot mandatory in the hunting of migratory waterfowl, the National Wildlife Federation filed a suit asking that the courts compel the Department of the Interior to require the use of non-toxic steel shot to comply with the Endangered Species Act, the Bald and Golden Eagles Protection Act, the Migratory Bird Treaty and the National Environmental Policy Act.

This is essentially an extension of the NWF's successful 1985 suit which barred the use of lead shot in some portions of the Central and Pacific Flyways.

This suit, and its outcome, will have no effect on the upcoming hunting season but is aimed at the 1987-88 season. This would give the ammunition manufacturers sufficient time to prepare an adequate supply of this shot.

"The action was taken," said Jay D. Hair, Executive Vice-president of the National Wildlife Federation, "to prevent further lead shot poisoning of bald and golden eagles and waterfowl. There is no reason to continue sacrificing our nation's symbol and our waterfowl heritage to lead poisoning when there is a perfectly acceptable nontoxic substitute for lead shot."

The Interior Department's own research will be used by the NWF in pursuing its case. The National Fish and Wildlife Service has data which waterfowl die annually from the ingestion of lead shot. They have also documented the deaths of 196 bald eagles since 1966 from this cause. To this can be added at least 22 golden eagles, one whooping crane and two California condors. Only the turkey vulture appears to be immune.

Hopefully, after two decades of debate and recrimination, this is the beginning of the end for lead shot.

San Francisco Peninsula Birdwatching is Sequoia Audubon Society's guide to birding sites in San Francisco and San Mateo County. More than 30 different spots are described and accompanied by maps, directions and helpful notes about each spot. A species index directs you to habitats for the birds you want to see. Order one for yourself and several as gifts! Use this form to order your copy today. Only \$8.99! (Taxes, shipping and handling included).

XX
Also available by mail - including postage and tax
National Geographic Field Guides \$16.00
Birding Northern California - Jean Richmond 12.00
Birding at the Bottom of the Bay 8.25
Mono Lake Guidebooks 7.60
Birds of the Sacramento Area 4.50
XX

Send checks to: Sequoia Audubon Society
720 El Camino Real #403
Belmont, Ca. 94002
Allow 14-18 days for delivery



San Francisco
Peninsula
Birdwatching

NAME

ADDRESS

CITY STATE ZIP

ALSO AVAILABLE AT MEETINGS AND SOME FIELD TRIPS

URBAN BIRDING

CLIFF RICHER

The recent article on the dispossessed white-crowned sparrow continues to cause comments and a whole world of urban birds and birding has been opened up to me.

Now we're not writing about the usual urban birds - house sparrows and rock doves - nor are we referring to park-lands. Golden Gate Park, Lake Merced and Land's End in San Francisco; Lake Merritt in Oakland; and the lagoon in Foster City all come to mind as fine urban birding areas.

What I've become aware of through your letters, comments and phone calls and two unrelated events is that there are occasional field and forest birds who find themselves a home in the big city.

Recently the San Francisco papers and television stations made instant - if short lived stars of a pair of peregrine falcons who had taken up hunting perches on the Mutual Benefit Life Building in the financial district. I had first seen the female about three weeks before she made the headlines. I was hardly certain of my identification however since I was then driving along the Embarcadero in 40+ mile per hour traffic and by the time I reached a stop light, I was already shaking my head and saying "Naaah, couldn't have been." to myself. The day the article appeared I was on the phone and looking out the window of my office on the 18th floor of the Spear Street Tower. Suddenly, a cloud of pigeons rose from the roof of the PG&E building and a dark shape plummeted through the cloud. It was all over in an instant, the pigeons disappearing uptown and the dark shape never reappearing. All that were left were a few white feathers twirling in the updrafts.

A week later, while I was caught in a traffic jam on the I-280 extension, I looked over to China Basin and was astonished to see an osprey hovering above the houseboats. This time there was no doubt of the identification as he soon became discouraged and flew directly over the expressway - and my car - on his way towards Daly City.

In the meantime, I had received two telephone calls from two different individuals working in different parts of the financial district, wanting

to know why large black birds were harassing the pigeons. With a minimum amount of detective work and a few personal observations I soon discovered the city had been invaded by ravens! For more than a week, I rarely looked out the window without seeing one or more ravens soaring among the city canyons or stalking along the ledges of the older buildings. And wherever they landed they would be confronted by rock doves displaying aggressively. Since ravens do not eat rock doves (at least not live ones), I finally came to the conclusion that this raven explosion had to coincide with the egg-laying cycle of the pigeon and that our black-feathered visitors were busily and systematically cleaning out pigeon nests. If anyone has a better theory or some facts to the contrary, I would appreciate hearing about it.

Another business associate assured me that a barn owl lived in the clock tower on his building. Another barn owl was reported to roost in palm trees near downtown San Mateo and I was able to find pellets to confirm this finding.

A woman working near Pier 25 in San Francisco told me she had seen a blackbird chasing a "hoot-owl". Upon being questioned further she grew indignant and said she was a country girl and knew a hoot-owl when she saw one -- and proceeded to describe a great horned owl in more detail than most birders could manage.

This fall I've noticed Cooper's hawks and sharp-shinned passing through, a northern harrier paralleling and passing the stalled traffic on the Bay Bridge and a flock of godwits taking a shortcut between the Hyatt Regency and the Embarcadero Center.

I'd be interested in hearing from anyone else who has encountered a "country" bird in the big city. It may not be scientific or have anything but curiosity value, but I'd like to compile a list of unlikely birds in urban settings.

In the meantime with this whole new world of birding opening up, I only have to worry about when I'm going to get my work done.

SAS BIRD SEED SALE

Here is your chance to order your supply of seed for the season.
Persons ordering seed will be notified of the time and place of the seed pickup before:

YOU MUST ORDER AND PRE-PAY BY: 11/7/86

THE PICKUP DATE IS: 11/22/86

VOLKMAN WILD BIRD SEED -- Premium mix composed of white and red millet and sudan grass screenings.
20 lbs. \$8.75 50 lbs. \$18.50
SAS SPECIAL WILD BIRD SEED MIX -- Top quality mix especially blended for Bay Area birds; composed of white and red millet, black oil sunflower seed, milo and rape seed.
20 lbs. \$6.40 50 lbs. \$12.30
BLACK OIL SUNFLOWER SEED -- High oil content and nutritive value, but smaller than the striped variety.
10 lbs. \$8.25 25 lbs. \$20.50
NIGER (THISTLE SEED) -- This minute seed is rich in nourishing oil and will attract goldfinches, but not larger birds or squirrels, nor will it sprout in your yard.
5 lbs. \$8.60

NAME _____
ADDRESS _____
CITY _____ ST _____ ZIP _____
TELEPHONE (DAY _____) (EVENING) _____

SEED	WEIGHT	QUANTITY	COST	TOTAL
Volkman	20 lbs.	.....	\$8.75	.....
	50 lbs.	.....	18.50	.....
SAS Special	20 lbs.	.....	6.40	.....
	50 lbs.	.....	12.30	.....
Black Oil Sunflower	10 lbs.	.....	8.25	.....
	25 lbs.	.....	20.50	.....
Niger	5 lbs.	.....	8.60	.....
			Add 6.5% tax	.....
			Contribution to SAS	.....
			Total	.....

Be sure to include your check and a stamped self-addressed envelope

SOUTHERN CALIFORNIA WATER: FEAST OR FAMINE?

GERALD MERAL, Ph.D

For a builder in Southern California the key question about water is "Will there be enough water to supply my development?" In some parts of California local water shortages have resulted in hookup restrictions, reducing building activity. Fortunately, this situation is unlikely to occur in Southern California for the foreseeable future.

Southern California has four good sources of water supply, although each has its problems. Local rivers and groundwater are essentially fully developed and, in some cases, their quality is threatened by industrial water pollution. Los Angeles' water supply from the Owens Valley remains intact, although more water should be left in the Mono Lake Basin to supply the needs of that great lake. The Metropolitan Water District (serving virtually all of Southern California) imports water from the Colorado River, but that supply will be cut back somewhat in future years. Finally, MWD and other Southern California agencies import water from Northern California through the State Water Project, although the increased supplies from that source were rejected by California voters in 1982.

Water development in California is rapidly changing from an era of major water project construction to a time of intensive water management, reflecting the need to stretch existing supplies. The Sacramento Business Journal recently pointed out that the last remaining unbuilt federal water project (Auburn Dam) is a hopeless waste of money, and called for better water management as an economically sound alternative. Even if Auburn Dam were built, it would augment the state's water supply by less than 1 percent, at a cost of more than two billion dollars.

Faced with these enormous costs conservationists have called for a program of water conservation, water marketing and water pricing as a means of meeting California's growing water demands. Each day sees additional members of California's business community endorsing this program; and new legislation is being considered and passed to implement these management strategies.

The California legislature has approved three recent bond acts which fund additional water conservation. The first, primarily a water pollution and reclamation bond act was passed in 1984 and also provided new funding for municipal and irrigation water conservation programs. The second, a 1984 safe drinking water bond act, allowed local districts to use some of their state funds to implement water conservation programs.

The third, Proposition 44, just approved by voters in June, provides a record \$75 million for water conservation and management programs. The Planning and Conservation League was pleased to play a role in all these bond acts. We worked closely with Assembly Water Committee Chairman Jim Costa, the Association of California Water Agencies, the Deukmejian Administration, and a variety of local water agencies to assure that these measures reach the voters, who wholeheartedly support them. Statewide, water conservation has the potential of meeting the needs of more than five million people.

Water trades and marketing also have significant potential for meeting Southern California's water demands. The Metropolitan Water District is considering two important water exchanges, which together have the potential of supplying enough water for more than a million people. The first would provide funds for water conservation programs in the Imperial Irrigation District. The conserved water would be used by the MWD. The second would allow for the storage of water in the San Joaquin Valley, so that the water could be used in dry years. In each of these programs, MWD enjoys the support of a wide variety of conservation organizations.

Important legislation providing for additional water marketing is moving through the Legislature. These bills are being carried by Assembly Members Katz, Isenberg and Costa, and they are supported by water, business, farm and conservation groups.

The recent dramatic drop in farm prices, caused by the world wide oversupply of farm products and the strong dollar (which hurts exports) has created a rare opportunity for urban water districts to acquire water from irrigation districts. This situation may not happen again for 50 years or more and some urban water suppliers are considering taking advantage of it to firm up their water supplies.

While conservationists recognize the need for additional water supplies, we also wish to protect the last few remaining wild rivers from unnecessary and uneconomic water development. Recently the urban supporters of this protection have been joined by far-sighted rural legislators, who see the need to compromise to gain support for worthwhile water developments, projects and programs. San Joaquin Valley Congressmen Coehlo, Pashayan and Lehman have all carried wild river legislation in recent years, while at the same time actively seeking additional water supplies for their districts. They see that a balance program of conservation, water marketing and development can meet California's reasonable water needs without destroying our wild rivers.

As we enter the era of water management, there will be increasing opportunities for water suppliers and conservationists to work together to assure a firm water supply for California. The Planning and Conservation League and other conservation groups look forward to this new era of cooperation and water progress.

(Reprinted from the *Southern California Builder* of July 1986. Jerry Meral is Executive Director of the Planning and Conservation League.)

~~~~~

Norma L. Alzofon of Palo Alto reports that "her" scrub jay sings and even manages to say "pretty baby". Although it was an injured bird that was hand-raised, it never started singing or talking until it was re-released into the wild. (Jays, magpies, crows and particularly ravens are said to be the most intelligent of bird species and at least one of them made a career out of the single word "Nevermore". -- Editor)

~~~~~

GIFTS AND BEQUESTS

Sequoia Audubon Society welcomes gifts in general or on behalf of, or in memory of relatives or friends. Such gifts may be designated for education, for Pescadero Marsh development or for any other specific purpose. All other gifts will be used for the advancement of the objectives of the Sequoia Audubon Society at the discretion of the Board of Directors. All gifts are tax-deductible. Please send your gift in the form of a check made out to the Sequoia Audubon Society, Inc. All gifts, donations and bequests will be acknowledged in Sequoia Needles and personally on behalf of Sequoia Audubon Society.

IN MEMORIAM

ELEANOR BLAICH

Miss Eleanor Blaich of San Mateo, a member of Sequoia Audubon Society and National Audubon Society for more than twenty years, passed away recently. Eleanor was a regular attendee at our general meetings, a consistent contributor to our

fund-raising efforts, a faithful cookie baker and was best known for her warm personality and quiet manner. She was generous to the end, remembering SAS in her will, as she will be remembered in our hearts.

=====

ATTENTION ALL MEMBERS - PLEASE DO NOT SEND ANY SEQUOIA MAIL TO THE OLD POST OFFICE BOX AS IT MAY NOT BE FORWARDABLE. PLEASE CHANGE YOUR ADDRESS BOOKS TO SHOW THE ADDRESS GIVEN BELOW!!!!

=====

OFFICERS: President: Linda Kypta 591-9053 Past Pres.: John Silliman 585-3232 Vice-Pres.: Charles Newman 697-5601 Secretary: Ed Mc Elhany 343-3219 Treasurer:	DIRECTORS: Elected for Term Ending: June '87 Mary Bresler 994-3587 Elgin Juri 325-7470 June '88 Win Dye 591-8674 Walter Smithy 591-2501 June '89 Rick Johnson 571-8533 Cliff Richer 355-4058	STANDING COMMITTEES: Audubon Canyon Ranch Hosts: Christmas Count: Peter Metropoulos Conservation: Rick Johnson 571-8533 Mary Bresler 994-3587 Finance: Rick Baird Membership: Education: Walter Smithy
		Field Trips: Cliff Richer 355-4058 Mid-week Trips: Elgin Juri 325-7470 Program: Charles Newman 697-5601 Hospitality: Win Dye 591-8674 Publicity: Win Dye 591-8674 SNHS: Sharon How 365-3369 NEEDLES Editor: Cliff Richer 355-4058 SEQUOIA AUDUBON SOCIETY OFFICE 593-7368 Rare Bird Alert 528-0288

=====

SEQUOIA NEEDLES IS PUBLISHED MONTHLY EXCEPT JULY AND AUGUST. DEADLINE FOR SUBMISSION OF MATERIAL IS THE FIRST THURSDAY OF THE MONTH FOR INCLUSION IN THE FOLLOWING MONTH.

INFORMATION FOR ALL OFFICERS AND CHAIRPERSONS --- INCLUDING EXCHANGE BULLETINS --- SHOULD BE MAILED TO: 720 EL CAMINO REAL, SUITE 403, BELMONT, CALIFORNIA 94002.

MEMBERS ARE ENCOURAGED TO SUBMIT MATERIAL TO BE PUBLISHED IN SEQUOIA NEEDLES. THIS MAY BE ORIGINAL ARTICLES, ORIGINAL ARTWORK OR CARTOONS, OR UNCOPYRIGHTED MATERIAL FROM OTHER SOURCES. ITEMS DEALING WITH CURRENT CONSERVATION ISSUES MUST BE SUBMITTED TO THE CONSERVATION COMMITTEE PRIOR TO PUBLICATION.

SUBSCRIPTION TO NEEDLES SEPARATELY IS \$6.00 PER YEAR.

If you CHANGE YOUR NAME OR ADDRESS, send the label from a recent Audubon Magazine wrapper with your new name or address to: NATIONAL AUDUBON, MEMBERSHIP DATA CENTER, PO BOX 2066, Boulder, Co. 80322. Then, please notify the Sequoia Audubon office (593-7368) of the change. Be sure to give the name and address where Audubon Magazine is to be delivered. This avoids duplicate listings and incorrect expiration dates. Please send RENEWAL MEMBERSHIPS directly to National Audubon in the envelope accompanying your renewal notice. LATE RENEWALS should be sent through Sequoia to avoid a lapse in magazine or newsletter issues. The following application is for NEW MEMBERSHIPS only.

SEQUOIA AUDUBON SOCIETY
 720 El Camino Real #403
 Belmont, Ca. 94002

NON-PROFIT ORG.
 US POSTAGE PAID
 San Mateo, Ca.
 PERMIT NO. 293

NATIONAL AUDUBON SOCIETY

MEMBERSHIP APPLICATION---SEQUOIA AUDUBON SOCIETY
 Chapter C16 -- 7XCH

[] YES, enroll me as a member in the NATIONAL AUDUBON SOCIETY and of my local chapter. Please send Audubon magazine and my membership card to the address below.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

MEMBERSHIP CATEGORY PREFERRED

[] Individual/\$30 [] Family/\$38 [] Student/\$18 [] Sustaining/\$50
 [] Senior Citizen-Individual/\$21 [] Senior Citizen-Family/\$23 [] Supporting/\$100
 [] Contributing/\$250 [] Donor/\$500 [] Life/\$1500 [] Dual Life/\$2000

[] MY CHECK FOR \$ _____ IS ENCLOSED. [] PLEASE BILL ME.

Please make checks payable to the National Audubon Society and mail to:

SEQUOIA AUDUBON SOCIETY
 720 EL CAMINO REAL, SUITE 403
 BELMONT, CALIFORNIA 94002

TIME VALUED MATERIAL! PLEASE DO NOT DELAY!!