

Bulletin of the Sequoia Audubon Society
San Mateo County Volume 45, No. 7
April, 1996



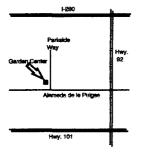
This Month's Program

The Birds of the Northern Midwest with Jim Lomax

Jim Lomax of Mt. Diablo Audubon Society who has previously entertained and educated us with his birds of Arizona, Florida and Texas will show us

slides from a very different area of the country.

The slides are from a May, 1994 trip from Southern Illinois through Wisconsin to Superior National Forest in Northern Minnesota. He will not only show you eastern warblers, sparrows and other special-



ties, but where to find them as well.

The meeting will be Thursday, April 11 at the San Mateo Garden Center on the Alameda at Parkside. Social gathering begins at 7:30 PM with the program starting at 8:00 PM.

Proposed By-Law Change

The following amendment to the By-laws will be presented for approval of the members in June. The proposed changes are in bold-face type.

"Article VI - Officers. 1 The officers of the Society shall be a President, a Vice-president, a Secretary, a Treasurer, and such other officers as the Board of Directors may designate. Two or more individuals may share a single office, if so elected by the members of the Society. The officers shall be elected at the annual meeting of members for a term of one (1) year, or until a successor shall be selected. Vacancies occurring shall be filled for the remainder of the term by the Board of Directors.

From The Nominating Committee

The Nominating Committee - Anne Moser, Rick Baird and Grace Sain - have come up with the following slate of candidates for the coming year.

President - Francis Toldi: Francis is an ardent birder and environmentalist who first achieved notoriety through a Letter to the Editor of the *Needles* severely criticizing the direction of the National Audubon Society as headed up by Peter Berle. The SAS Board then severely punished him by enlisting him as a field trip leader, Birdathon Coordinator and Secretary, where he enhanced his notoriety through his unorthodox (humorous, but accurate) minutes of the Board meetings.

Francis is a corporate attorney, a species recently characterized as wolves in political commercials sponsored by the Trial Lawyers Association. Since Sequoia Audubon supports the re-establishment of this endangered species (wolves, not attorneys) to the American wilderness, it is felt that he is an ideal candidate.

Vice-president - Debbie Frantz: Debbie has served nobly and well - if not quictly - as our Treasurer for the last three years. Now that she fully understands all aspects of this job, she has decided to move on. Since the Vice-presidency typically requires no work (despite frantic efforts by Rich Kuehn and some of his predecessors to prove otherwise), Debbie felt that this would be an appropriate change.

Treasurer - Tom Vanden-Bosch: Tom has been a Board member for the last two years and is currently serving as Treasurer of two other non-profit associations. Since most of the work is done by the staff in these other associations, we look forward to Tom's rude awakening.

Secretary - Sherley Higuera: After serving as a Sequoia volunteer in a number of capacities, Shirley was persuaded to join the Board of Directors in 1993. Having served her sentence (with no time off for good behavior) she has decided to stay on - but for a shorter term and with the opportunity to relieve the boredom of some meetings by pretending to take notes.

Director - Sue Cossins: Sue has been Circulation Editor of the *Needles* for the last few years. This fancy title means that she has been responsible for doing the dirty work that gets this newsletter to you. Sue and her volunteers are the people who label, fold, sort and mail this document out to you. Showing that she has a real penchant for masochism she has volunteered to serve on the Board for the next three years.

A resident of Burlingame, she is a certified Rehabilitation Registered Nurse at Sequoia Hospital in Redwood City. She and her husband, Bob, (Continued on Page Four)

The mission of Sequoia Audubon Society is to participate actively in environmental education, and conservation and in the restoration, preservation, protection and enjoyment of our natural resources with emphasis on birds and their habitats.



The S A S Calendar

April

TUESDAY, APRIL 2 - CONSERVATION COMMITTEE MEETING at the Sequoia Audubon Office at 7:30 PM. All members welcome. Please call ahead to confirm time and place.

THURSDAY, APRIL 4 - BOARD MEETING at the Sequoia Audubon Office at 7:30 PM. All members welcome. Please call ahead to be sure there will be room.

SATURDAY, APRIL 6 - SAN PEDRO VALLEY COUNTY PARK - This park provides a variety of habitat for migrating and nesting species of riparian, chaparral and grassland birds. The trip will entail some walking along easy trails. For those wanting to stay on after the end of the birding trip at noon, the park offers the seasonal 175-foot high Brooks Falls and one of the most botanically diverse trails in California, the Hazel Nut, at the height of wildflower season. The trip will begin at 9:00 AM in the parking lot of the park. Picnic tables and ample parking are available. To get there take Highway 1 to Pacifica and, turn inland at Linda Mar Boulevard. Follow Linda Mar to its end and follow the signs to the park. Note that the \$3 parking fee will be in effect.

THURSDAY, APRIL 11 - GENERAL MEETING - Jim Lomax presents a new program, "Birds of the Northern Midwest". The meeting will be at the San Mateo Garden Center on the Alameda at Parkside. Informal get-together begins at 7:30 PM with the General Meeting and program at 8 PM.

JUDY SPITLER

SUNDAY, APRIL 14 - MINES ROAD - Our annual caravan through parts of four counties (Alameda, Santa Clara, Stanislaus and San Joaquin) takes us into some of the best birding areas of the Bay Area. Local rarities such as Lawrence's Goldfinch. Lewis' Woodpecker, Roadrunner, Phainopepla, Rufous-crowned Sparrow, Prairie Falcon and Costa's Hummingbird share this habitat with the introduced Wild Turkey and most of our common land species. This is an all-day trip, ending at dusk, so bring lunch and liquids. Weather is unpredictable, with temperatures in the last four years varying between 40 and 90 degrees on this trip at this time of year. There are only two reliable restroom facilities, at lunchtime and at mid-afternoon; and one service station (often out-of-service) at the half-way point so be prepared. To get there, cross the San Mateo Bridge and follow the signs to I-580. Stay on 580 for about 25 miles to the Vasco Road exit. Follow Vasco Road south (right) to its end at Tesla Road. Take a right on Tesla. In less than a mile you will come to Mines Road on the left. We will meet at the intersection at 8:30 AM. Late arrivals will have no problem in catching up with the group at our first stop less than a quarter-mile up Mines Road.

LEADER

LEADER

CLIFF RICHER

873-1754

355-9362

(Continued on Page Three)



News From Your Ranch Mary Engebreth

What do we mean "Your Ranch"? Where do you have a ranch? Let me tell you about it.

In the beginning, once upon a time, a long time ago, there was a ranch at Stinson Beach which was under consideration for development. Several citizens banded together and formed a coalition to preserve the property. Their principal concern was a grove of trees that provided the nesting site for the herons and egrets that came each year. These courageous people fought the system and "big bucks" and raised a considerable sum of money to purchase the ranch. One of the organizations they contacted for financial aid was the National Audubon Society which declined. So the concerned citizens turned to the local chapters of National Audubon. Three Bay Area chapters, Sequoia, Marin and Golden Gate contributed and became the sponsors of the Ranch. Madrone joined them a few years later. To honor this assistance the ranch took the name Audubon Canyon Ranch.

As more properties were added to the organization, it was decided that each property should have its own name and the corporate name should become Audubon Canyon Ranch, Inc. ACR, Inc. now includes the Bolinas Lagoon Preserve (the original property in Stinson Beach), the Cypress Grove Preserve in Marshall and Bouverie Preserve in Glen Ellen. A number of smaller properties such as Hog Island and Tom's Point in Tomales Bay and the Shield Marsh in Inverness (named for a former member of Sequoia who also remembered SAS in his will) are also included under the ACR corporation.

Each sponsoring chapter has three members on the ACR Board of Directors and chapters are kept involved in the Ranch by being asked to provide weekend hosts during the nesting season at the Bolinas Preserve.

So there in a nutshell is the relationship of the Bay Area Audubon chapters to ACR. You and your guests are welcome to visit the Bolinas Preserve any weekend during the season even if you are not hosting. You may sign up through your chapter to attend the Audubon Chapter Day at the Bouverie Preserve and are welcome to join the Guided Nature Walks at Bouverie on April 6, 20, May 4 and May 25. The space on these walks is limited and fills up fast so you should call 707-938-4554 to sign up for them.

Ranch guides are available on the Bolinas Preserve weekends to help visitors at the ponds, on the trails and especially at the Overlook. These are dedicated ACR volunteers who have been trained in bird anatomy, heron behavior, trail techniques and the natural and chronological history and geology of Bolinas Lagoon and the Preserve

If you are interested in spending more time in some of these beautiful places, consider being a part of the Harbor Seal Research Study. Contact Mary Ellen King at 707-537-1546 for more information.

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I am not young enough to know everything. Sir James M. Barrie

Conservation Committee Goes Electronic

Sequoia Audubon Society's Conservation Committee has gone electronic with a vengeance. A new fax machine has been installed at the Chairwoman's residence. SAS, through its conservation committee, can now be reached at 712-8571. The fax machine can also serve as a copier for those materials that need to be distributed to Committee or Board Members.

They are also the recipients of a new IBM-type computer which will enable them to handle their paperwork and process their projects in a more efficient manner as well as participate in E-mail and surf the Internet for conservation-related topics.

Both of these pieces of equipment will be located at the home the Conservation chair, rather than at the SAS office. This decision by the Board will guarantee a maximum utilization of these facilities for the benefit of SAS.

The fax machine was purchased through the funds obtained by National Audubon in the settlement of the Suisun Bay oil spill lawsuit. The computer was purchased through the generosity of Determined Productions of San Francisco.

Rich Kuehn and Dean Schuler have committed to picking up all of the costs involved in getting this equipment "on-line" and fully capable of dealing with the ins and outs of the electronic revolution.

Pur thanks to all of those who contributed their time, money and effort to getting this accomplished.

Go Look at the Wildflowers

This winter's rains will undoubtedly produce another bonanza spring for wildflowers. Pick a park and go look at them! But...don't pick the flowers themselves. Leave them so others after you may enjoy them. Remember, the parks are for all of us --not just for the one that got there first.

Edgewood County Park's serpentine soil is famous for the number and variety of its wildflowers. San Bruno Mountain State and County Park is famous for its endangered butterfly habitat, and a good part of that habitat is in wildflowers. Example of what can be found on San Bruno Mountain can be seen in an exhibit currently in the Visitors' Center of San Pedro Valley County Park in Pacifica. San Pedro Valley is no slouch in the wildflower area either. The Visitors' Center has a remarkable collection of dried and pressed flowers and other native plants to help you identify what you see and its Hazelnut Trail is highly recommended by the California Native Plant Society. As a special incentive, its Trailside Store is offering a 20% discount to Audubon members in connection with the April 6 field trip. (Maps, one locally popular book and items under \$3 are not discounted).

I got a real mean kid. He scotch-tapes worms to the sidewalk, then watches the birds get hernias. Rodney Dangerfield



The SAS Calendar

(Continued from Page Two)

SUNDAY, APRIL 28, - JASPER RIDGE BIOLOGICAL PRESERVE AND SEARSVILLE LAKE.

The Field trip to Jasper Ridge should coincide with the height of of the migration and the peak of the wildflower displays. Possible bird sightings include wood ducks, blue-gray gnatcatchers, ash-throated flycatchers and black-headed grosbeaks. We will meet at the Stanford University Jasper Ridge Biological Preserve Main Gate (not the Whiskey Hill Gate) from 8:00 AM to 8:30 AM. The gates will be open only during that time. From I-280 take the Sandhill Road exit west about 2 miles to a gate on the left side of the road. We will go rain or shine. Bring lunch. A contribution of \$5.00 per person is required. Checks are preferred. The fee will be collected at the gate. The group is limited to 25 so please call the office (345-3724) for reservations.

LEADER

JUDI SPITLER

355-9362

May

THURSDAY, MAY 2 - BOARD MEETING at the Sequoia Audubon Office at 7:30 PM. All members welcome. Please call ahead to be sure there will be room.

TUESDAY, MAY 7 - CONSERVATION COMMITTEE MEETING at the Sequoia Audubon Office at 7:30 PM. All members welcome. Please call ahead to confirm time and place.

THURSDAY, MAY 9 - GENERAL MEETING - The meeting will be at the San Mateo Garden Center on the Alameda at Parkside. Informal get-together begins at 7:30 PM with the General Meeting and program at 8 PM. The program will feature Florence La Riviere and Ralph Nobles on Wetlands in the Bay Area, with a special focus on Bair Island.

This month's Field Trip Schedule includes two new trips to two very different ranches in San Mateo County.

The Williams Sisters' Ranch has been donated to the National Audubon Society but is currently in custody of its long-time tenants and caretakers. Their stewardship of the land has been remarkable. The diversity of the habitat and the variety of its birdlife are equally astonishing.

Shamrock Ranch occupies most of the southwest corner of the city of Pacifica. Any bypass of Devil's Slide will involve the taking of portions of this ranch. This could be a last chance to see and experience the unique quality of this ranch.

Look in next month's *NEEDLES* for details on both of these trips.

A committee is a group that keeps minutes and loses hours.

Milton Berle

From The Nominating Committee

(Continued from Page One)



have three grown children, two of whom are getting married this summer.

summer.

In addition to birding, her interests include horticulture and nature study. Her vacations usunping, hiking and bicycle
water-savir plumbing f tures are no more than a put forward the plumbing functions.

ally involve camping, hiking and bicycleriding. She is currently planning a seakayaking trip in the Sea of Cortez.

Director - Alvaro Jaramillo: Born in Chile and raised in Canada, Al is a professional birding tour leader and author. Holder of a Master of Science Degree in Biology from the University of Toronto, he has conducted field work throughout Canada, the US, Central and South America. He is fluent in Spanish and English and can "get along" in French.

He has a number of ornithological articles to his credit and is currently working on a new book, *New World Blackbirds*, with Peter Burke.

In his spare time Al enjoys the study of butterflies and dragonflies and engages in nature photography. He has also been active in birding and environmental organizations wherever he has settled. Despite this latter experience, he has agreed to serve on the SAS Board.

The Nominating Committee is still seeking a candidate to fill the unexpired term of Tom Vanden-Bosch who will be moving up to the Treasurer's job. If you would be willing to serve as a Director for one year or know someone who might be willing to be persuaded, please contact Anne Moser (324-1718) or one of the other members of the Nominating Committee.

(The Editor wishes to absolve the Nominating Committee of any of the slanderous remarks made above about any of the candidates, as they are strictly the responsibility of the Editor. The Editor also wishes to commend the Committee on their selections and express his personal hope that one of them will volunteer to fill the unexpired portion of Tom's term.)

Environmentally Incorrect Thinking

Cliff Richer

I have become convinced
that so-called
water-saving
plumbing fixtures are nothing
more than a scam
put forward by
the plumbing industry in an effort to sell their
products.



In the early days of the drought I dutifully replaced our shower head with one that came equipped with a flow restrictor. However, I soon discovered that all five members of my family were spending inordinate amounts of time rinsing away soap and shampoo.

Disturbed by this, I undertook a simple experiment. I shut off the bathtub drain while I was taking my shower and then measured the water in the tub afterwards. One of my daughters agreed to also participate in this experiment. The other three females in my family merely complained about the difficulty of getting the shampoo out of their hair. After a week, I removed the flow restrictor and continued the experiment. To my shock, the disparity was immediately apparent. In my case, I was using more water with the low-flow shower than with the oldfashioned one. This was no slight difference. For me the disparity was greater



than 25%. For my daughter the percentage was just under 30%. And this was without adding in the percentage difference caused by the sloping sides of the tub.

On the other hand I found very little difference in the performance of the toilet after I inserted a water dam in the tank. Although an occasional "second flush" was needed this was more than offset by the 20% water-saving on each pull of the handle.

When I recently moved I found my

new apartment to be equipped with a "water-saver" toilet and a low-flow shower. This prompted an immediate tour of local hardware stores in search of an old-fashioned full flow shower head. To my dismay, they no longer are available. I eventually solved the problem by drilling out the flow restrictor on the one I finally selected.

Unfortunately the "water-saver" toilet has turned out to be a porcelain lemon. Despite the fact that it holds about the same amount of water as my oldfashioned toilet with the water dam, I find it necessary to flush it at least twice just to get rid of a Kleenex that I foolishly threw into the toilet instead of the wastebasket. A minimum of three - and usually four flushes are required to dispose of any significant accumulation of waste matter. This problem is not so easily analyzed as was the problem of the low flow shower. Toilets cannot be replaced with the ease of a shower head. Tinkering with the interior workings of the fixture have had no significant effect. Besides which the problem might be in the apartment house's disposal system, not in the appliance. I have therefore reconciled myself to using three times as much water as I had before I assumed custody of this water-saver.

I would be interested in hearing from anyone else with similar - or contrasting - experiences with these devices.

And has anyone else noticed that despite our society's over-weening preoccupation with smoking, low-fat foods, cholesterol and exercise, our life expectancy has just shown its first decline in fifty years?

And has anyone else noticed that the cheapest suggested method of getting BART to the airport will result in the equivalent of a \$19 subsidy for each passenger trip over the life of the bonds? And that's without factoring in the interest costs!

* * * * * *

Think what a much more hazardous place the world would be if we had to concern ourselves with poisonous birds that might fly out of nowhere to sting us.

---Paul Harris in the Emma Miles Audubon Newsletter SEQUOIA AUDUBON SOCIETY INC.
30 W. 39th Avenue #202, San Mateo, CA 94403
(415) 345-3724

SPRING 1996 SAS BIRDSEED SALE --- ORDER FORM

ALL ORDERS WITH PAYMENT MUST BE RECEIVED BY WEDNESDAY APRIL 17TH!!

Proceeds support local Audubon conservation and education programs

Please check preferred pickup location. Pickup dates San Bruno Burlingame			be Apri Beln	•	6 with details to be advised later. Half Moon Bay			
Pacifica	San Mateo	Atherton				o 2 ;		
					# BAGS	\$COST\$		
AUDUBON WILD red & white millet plu	BIRD MIXs black oil sunflower	20	lb @	\$ 8.50	/bag			
RED/WHITE MIL	LET MIX	20	lb @	\$ 8.25	/bag			
BLACK OIL SUN	FLOWER	25	lb @	\$13.00	/bag	_ =		
WHITE PROSO M	11LLET	25	lb @	\$ 9.00	/bag	***		
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Phone (Home) (Work)			San Mateo, CA 94403					

Pacifica to Restore Wetlands



It now appears that Pacifica is well underway to restoring two historic wetlands.

San Pedro Valley Creek, despite channelization and culverting, is still one of the few remaining steelhead nursery creeks along the San Mateo Coast. In recent years local groups have cleared its urban portions of debris and high school biology classes have conducted projects to augment the natural production of steelhead trout in the creek.

wetland once extended, but it is obvious that it was bisected by the Coastal Highway and filled in from both north and south when such actions were not only legal but considered desirable. A quarry was established on the granite headland near the mouth of the Creek. Two access roads from Highway One further cut the wetland and debris from the quarry was routinely dumped into the marsh.

Despite all of these insults the marsh persisted and the endangered San Francisco garter snake continued to make its home there.

The owner of the money-losing quarry had pinned his hopes on selling the property for development and was not

forced Pacifica to face the fact that a tertiary treatment facility was necessary. The issue finally came down to whether the problem could be best solved by retrofitting the existing facilities or by adding a new facility. In the short term, retrofitting seemed to be more economical but engineering and environmental studies favored a new plant The availability of low-cost loans from the state of California also showed the new plant would be more economical over the long term.

The new plant would follow the approach pioneered by Arcata and Lancaster. A large wetland would be the final step in the treatment process. Treated water entering the marsh is technically

pure but contains excessive nutrients that could alter the balance of the environment near a sewage outflow. The wetland consumes these nutrients and the water leaving the marsh is no different from that leaving a natural marsh.

The quarry has been purchased as the tertiary treatment plant site and

the restoration of the much abused Calera Creek wetland is seen as the repository of the treated wastewater.

If properly restored these two "new" wetlands would encompass, along with the existing Laguna Salada wetland on



Sharp Park golf course, an area roughly equivalent to that of Pescadero Marsh and, if properly

managed, would make them a living laboratory and educational facility for the school children of San Francisco and northern San Mateo County.

The next two decades should be an exciting one for Pacifica's wetland enthusiasts.

The most striking contradiction of our civilization is the fundamental reverence for truth which we profess and the thoroughgoing disregard for it which we practice.

Vilhjalmur Stefansson

Oops!

The Editor apologizes abjectly to anyone who was inconvenienced by two errors in last month's NEEDLES. The foulup as regards the Sawyer Camp Field Trip was traced to our recent computer problems and the use of the wrong Bird Seed information to the problems of the post office in forwarding mail to my new address. Nevertheless, I should have noticed the problems and corrected them. Special apologies are due to Werner Schumann, Iona Luke and Teri Simpson who were most particularly inconvenienced.

One of the greatest threats to the creek has been the development of a comprehensive flood control plan Many of the local residents advocated the traditional Corps of Engineers approach turning the creek into a concrete flume. Fortunately, the new-found environmental awareness of

the Corps prevailed and plans now call for restoration of a historic wetlands area to act as a "sponge" in times of extra heavy rainfall.

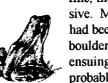
Pacifica's Environmental Family, a local nonprofit organization, is contracting for a major role in this rehabilitation. They have started a plant nursery on land loaned from County Parks at the Sanchez Adobe. They plan to take cuttings from the remnants of the Calera Creek wetland and create enough new seedlings to "jump start" the wetlands re-vegetation. A smaller nursery project is also planned at San Pedro Valley Park. This smaller nursery will serve as an environmental education exhibit as well as for native plant propagation.



Besides serving as a source for native plant cuttings the Calera Creek wetland itself is scheduled for res-

toration. It is unknown how far this

thrilled by the discovery of the snake by a well-known independent researcher. He set about to destroy the habitat before the snake's existence could be confirmed by the state. Although the state issued a cease and desist order and levied a huge



fine, the damage was massive. Much of the marsh had been covered with huge boulders and rubble. The ensuing prolonged drought probably destroyed the

breeding grounds for the garter snake and its principal prey, the red-legged frog.

In the meantime, Pacifica found itself plagued with another serious environmental problem. Its sewage plant became over-burdened by an increasing population and consistently failed to meet the new, higher standards for oceanic disposal. Its primary and secondary treatment facilities were inadequate to meet the standards and surfers and bathers found themselves facing "Beach Closed" signs several times each year. It took several years of wrangling and stalling by city officials but court orders finally

From The San Francisco Bay NWR

The San Francisco Bay National Wildlife Refuge has now been renamed to honor retired Congressman Don Edwards.

"Congressman Edwards played a pivotal role in this refuge's history," said Refuge Manager Marge Kolar, "we were fortunate to have Don Edwards' vision to save a bit of wilderness in an urban sea."

Now known officially as the Don Edwards San Francisco Bay National Wildlife Refuge, it undoubtedly boasts the longest name in the refuge system.

The refuge's Environmental Education Center (the DESFBNWREEC for short) will reopen in April with a new Learning Pavilion and expanded library and office space. An Earth Day Open House will be held on April 20 from 11 AM to 4 PM.

Evening orientation session will be conducted at the center on April 16 and May 16 to acquaint field trip leaders with the new facility. Designed primarily for school teachers the orientation sessions will be held from 4 PM to 8:15 PM.

A more extensive Project WILD workshop for environmental educators will be held on Thursday, April 25 from 9 AM to 4 PM. A \$20 fee will be required of participants.

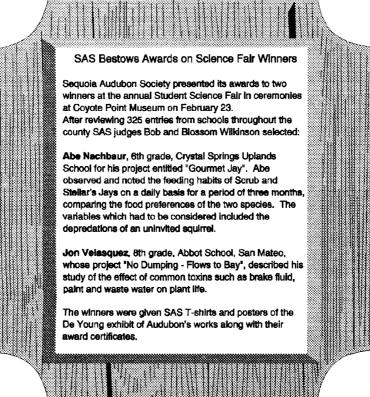
Pre-registration is required for all sessions. Call Sandy Spakoff at 408-262-5513 to sign up.

Earth Day will also be celebrated with an Environmental Information Fair at the Visitor Center in Fremont.

International Migratory Bird Day will be honored with another open house at the Alviso Center. This open house will also feature games, crafts, bird walks and a book signing.

Murre Project Off Devil's Slide

Two craggy island rocks off the San Mateo coast have been selected as sites for the establishment of new murre colonies. On a short-term basis the hope is to colonize Egg and San Pedro Rocks between Devil's Slide and Pacifica with 100 pairs of breeding birds. The long-term goal will be to establish other murre colonies



as well and restore the population to the levels existing before the 1986 *Apex Houston* oil spill.

Since murres are gregarious and only breed in sizable colonies, the biologists climbed to the peak of Egg Rock to plant 388 decoys, dozens of three-sided mirror boxes, and a solar-powered CD player. Initial results have given the Fish and Wildlife Service biologists some hope. Within two days several murres arrived and began exhibiting pre-breeding behavior. Much of the preening and posturing was taking place in front of the mirror boxes leading to speculation that the birds were vain, not love-starved.

Dr. Steve Kress, a scientist with National Audubon's Puffin Project is also working with the Service on this project.

Danielson Offers Spring Birding Classes

Maryann Danielson's Sunbeam Ecology Explorations will be offering two spring birding classes at Little House, 800 Middle Avenue in Menlo Park.

BIRD FINDING BY HABITAT is

for intermediate and advanced birders. This short course features an introductory slide lecture describing major Bay Area habitat types and their representative birds, followed by four field trips to these areas. Register at the first class on April 1. The \$35 fee includes one lecture and four field trips led by Maryann and Jean-Marie Spoelman.

BREEDING BIRD HIGHLIGHTS is a short series of classes focusing on breeding bird behavior and identification of local breeding birds. Summer visitors and year-round residents will be studied with an emphasis on bird family relationships. Five slide lectures on Wednesday evenings will be reinforced with indoor.

hands-on practice time. Register at the first class on May 8. Three field trips will be offered at an additional fee.

NAS Board Nominees

Four names have been offered for election as Regional Chapter Representative to the National Audubon Board of Directors. They are:

Charles G. Bragg

from the Santa Monica Bay chapter. **David G. Jennings** from the Black Hills

(Olympia, WA) chapter **Kenneth Fortune** from South Coast

(San Clemente, CA) Audubon

Arthur E. Manci

of the Lane County (OR) chapter Biographies are available at the office for those who may be interested.

Gifts and Bequests

Sequoia Audubon welcomes gifts in general or on behalf of, or in memory of relatives or friends. Such gifts may be designated for education or for the advancement of the objectives of the Society. Please send your gift in the form of a check to the Sequoia Audubon Society, Inc. All gifts, donations and bequests will be acknowledged in the **NEEDLES** and personally on behalf of the Society. All gifts are tax-deductible.

John and Johanna Anderholm

Bank of America Foundation (Matching Donation)

Sequoia NEEDLES is published monthly except in January, July and August. Members are encouraged to submit material to be published in the NEEDLES. The deadline for the submission of materials is the first day of the month preceding publication. These may be original articles, original artwork or cartoons, or uncopyrighted material form other sources. Items dealing with conservation issues must be submitted to the Conservation Committee prior to publication.

Information for all officers and chairpersons should be mailed to 30 West 39th Ave., Suite 202, San Mateo, CA 94403-4561. Please send RENEWAL MEMBERSHIPS

Please send LATE RENEWALS or NEW MEMBERSHIPS through Sequoia Audubon Society to insure continuity of newsletter or magazine subscriptions.

OFFICERS			STANDING COMM	STANDING COMMITTEES				
President	Julia Mandeville	989-8951	ACR Hosting	Julia Mandeville	989-8951			
Past President	Anne Moser	324-1718	Audit					
Vice-president	Richard Kuehn	591-4380	Christmas Count	Count Al DiMartini, Dan Keller, R. Smit				
Secretary	Francis Toldi	344-1919	Conservation	Eileen Jennis-Sauppe	726-1081			
Treasurer	Debbie Frantz	571-6759	Education	Robin Smith	325-3306			
DIRECTORS			Field Trips-Weekday	Nick Coiro	349-1834			
Term ending '96	Shirley Higuera	595-2187	Weekends	Judi Spitler	355-9362			
	Iona Luke	349-1555	NEEDLES Editor	Cliff Richer	873-1754			
Term ending '97	Eileen Jennis-Sauppe	726-1081	Circulation Editor	Sue Cossins	347-9358			
_	Tom Vanden-Bosch	369-8305	Programs	Dean Schuler	591-4380			
Term ending '98	Robin Smith	325-3306	Publicity	Ann Loper	343-9570			
_	Cliff Richer	873-1754	Membership					
			Finance/Budget	Rick Baird	574-1067			
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