



sequoia needles

Bulletin of the
April, 1990

SEQUOIA AUDUBON SOCIETY

San Mateo County, Ca.
Vol. 38, #7

THIS MONTH'S PROGRAM

April is Audubon month, and this year's theme is Wetlands. Jules Evans, a naturalist for the Point Reyes Bird Observatory, will give the April program. Jules has spent several years studying some of our outstanding local wetlands, including the greater San Francisco Bay. His work has included studies of two of the most intriguing wetland inhabitants, the mysterious skulkers known as the Black Rail and the Clapper Rail. He will present a slide program discussing some of the general ecology of our local wetlands, with highlights on rails. Come and find out that there's more to wetlands than water and mud!

General meetings are held at the San Mateo Garden Center on the Alameda de la Pulgas at Parkside with a social mixer starting at 7:30 PM. The meeting itself starts at 8:00.

NEXT MONTH'S PROGRAM

May's program will be presented by Rod Norden, an ardent birder and member of Santa Clara Audubon Society. For a number of years, Rod has been a naturalist on Debra Shearwater's seabird and sea mammal boat trips from Monterey Bay. His slide program will cover a year on Monterey Bay, concentrating on either birds or mammals.

See next month's *NEEDLES* to see if we'll get to hear about dolphins and whales or shearwaters and albatrosses.

MARSH ETIQUETTE

the Conservation Committee is focusing on marsh etiquette as SAS's theme for Earth Day. A main concern is to reduce the impact of man on marsh ecosystems.

For example, pet dogs run in the marshes and tidal flats can be a serious problem to their natural users. We will be working with local authorities to improve signs and enforce regulations keeping dogs out of the marshes.

We are also working on a brochure that will outline marsh etiquette and tell why it is important.

If you would like to participate in the marsh project, please call the office (593-7368), or Rick Johnson (571-8533).

FROM THE PRESIDENT

JANET DUERR

EARTH DAY IS COMING!

On April 22, 1990 we will be celebrating the twentieth anniversary of Earth Day. On the first Earth Day in 1970 more than 20 million people across the United States celebrated our interdependence with the natural environment. A number of extremely important environmental acts, protecting air, water, and endangered species, were given impetus by the publicity and grassroots activism that was aroused around Earth Day, 1970. On the twentieth anniversary of Earth Day, we hope to refresh national and worldwide interest in the environment.

Inside this newsletter, you will find a list of some of the many activities that are planned around our area for Earth Day and the whole month of April. These range from activities with small groups, such as our own Mines Road field trip, to large rallies and parades in San Francisco and Berkeley. Why not join one of these events? Bring your family and friends! I think you will be heartened by the numbers and variety of people who are concerned about the Earth and preserving its ecological wonders for the generations to come.

If you can not come out and join us all on Earth Day, take some time to think about what you personally can do for the environment. Many people do not have the time to express their concerns about nature by becoming activists. However, there are little things that each of us can do to lessen our impact on the local ecology. Although many of us recycle bottles, paper, and aluminum at home, how about at work? Or maybe this month is the time to finally get those water-saving shower fixtures, or to replace those incandescent lights with more energy efficient fluorescent bulbs. Maybe next time you go to the grocery store, you can bring your own bags to gather produce and carry back your groceries. Maybe today is the day to finally write that letter to your elected representatives, supporting local or national environmental protection. By thinking globally and acting locally we can improve our environment, one small step at a time.

Let's use the worldwide interest generated on Earth Day as a first step in making the '90s the Decade of the Environment!

BRESLER NAMED TO SAS BOARD

Mary Bresler has been named to the SAS Board of Directors, replacing Colleen Horner, who was recently elevated to the position of Vice-president.

Mary is a former director and is dedicated to the cause of conservation. She was one of our most active members until other commitments required her to cut down on her schedule.

She will serve until the General Election in June.

CALENDAR

April 1990						
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					

APRIL 5 SAS BOARD MEETING. 7:30 PM at the Kypta residence. THURSDAY ALL MEMBERS ARE WELCOME but should call the office ahead of time to confirm the meeting site and to be sure there is room.

APRIL 7-8 THE GREAT SAGE GROUSE HUNT originally scheduled SAT.-SUN. for this weekend has been CANCELLED.

APRIL 12 GENERAL MEETING -- WETLANDS - April is Audubon THURSDAY month, and this year's theme is Wetlands. Jules Evans, a naturalist for the Point Reyes Bird Observatory, will give the April program on some of our local wetlands and their inhabitants. In particular, he will discuss and show slides of two of the more intriguing and reclusive wetland skulkers, the black rail and the clapper rail. At the San Mateo Garden Center on the Alameda at Parkside. Social Mixer at 7:30 PM, General Meeting begins at 8:00.

APRIL 14 PINNACLES NATIONAL MONUMENT is located in the APRIL 15 Gabilan Range, which forms the northeastern SATURDAY boundary of the Salinas Valley. With wooded & SUNDAY canyons and peaks reaching near 4000 feet, there exist a variety of habitats in relatively close proximity. We will spend Saturday in and around the campground area, where the habitat is riparian and songbirds abound. Sunday will take us to higher elevations, and to the Pinnacles themselves. If there is interest, we may go owling Saturday evening. Please contact the leader as early as possible to make arrangements for camping and to obtain further details.

LEADER DAN KELLER 364-3431

APRIL 21 THE WETLANDS FIELD TRIP has been CANCELLED because SATURDAY of scheduling problems.

APRIL 22 MINES ROAD FIELD TRIP. An auto caravan through SUNDAY isolated valleys where relict populations of birds linger on despite the destruction of their habitats in the Central and Livermore Valleys. Phainopepla, Lewis' woodpecker, Lawrence's goldfinch, golden eagle and prairie falcon are near certainty while roadrunner, wood duck, wild turkey, Costa's and calliope hummingbirds and rufous-crowned sparrows are likely. This is an all-day trip, ending at dusk, so bring lunch and liquids. Weather is unpredictable, with temperatures having varied 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 - which is dry more than half the time - so be prepared. To get there get on to I-580 to Livermore. Stay on 580 to the North Livermore Ave. exit. Take a right at the exit and follow Livermore Avenue through the center of town where it becomes South Livermore Ave. Approximately a half mile beyond the center of town you will see the Nob Hill Shopping Center on the left. We will meet in the parking lot and leave there promptly at 8:30 A.M. Late arrivals will have no problem in catching up with the group if they continue on S. Livermore Ave. until it becomes Tesla Rd. and then take a right on Mines Road less than a mile from the meeting place.

LEADER CLIFF RICHER 355-4058

APRIL 29 JASPER RIDGE BIOLOGICAL PRESERVE AND SEARSVILLE SUNDAY LAKE. The field trip to this unique biological preserve will highlight nesting birds and the wild flowers unique to serpentine soils. Possible sightings in- (Continued on Page Three)

NEWS FROM THE RANCH

DAN MURPHY

It's time to visit the Ranch! April brings some of our best picnic weather, so enjoy it at ACR. The egrets should be arriving in large numbers, and if the golden eagle hasn't caused a major upset, the first great blue herons should be hatching.

Between the drought and the golden eagle our heronry seems to be in a state of flux. Regrettably, herons seem to shift nesting sites from time to time. Usually the causes for such moves are unknown.

We do know the ACR heronry has been in use for fifty years or more. It has withstood predation by owls and raccoons. The birds seem to have ignored the presence of large numbers of people at the overlook, in the ranch yard and along the lagoon. El Nino didn't seem to bother them any more than the passing traffic on the Coast Highway.

But in nature, variables are never ending. The golden eagle made a brief reappearance in February, coinciding with the arrival of the first herons. Subsequently, at least six pairs of great blue herons have established nests near Bolinas. A few seem to be getting established at ACR too. It remains to be seen what the others will do. Hal Pratt informs us that in drought years both herons and egrets may delay establishing nests until later in the season.

So at this point we have a drought which may be the cause for a slightly delayed breeding season, we have an eagle which might pose more serious problems and we have a throng of visitors on the way.

Since it is the policy of ACR to support natural processes we will only attempt to control our own impact. In an effort to reduce that impact the ACR Board has decided to restrict access to the overlook through mid-April...or at least until the colony is well established.

Of course all the other trails will be open, so you really shouldn't hesitate to visit us and enjoy that first spring hike and picnic.

RANCH GUIDES: We would like to welcome our new class of Ranch Guides who just completed their training and will be on hand at the Ranch during the public season. The people who make up our Ranch Guides have added significantly to our weekend program and once again we would like to commend returning guides for past efforts and wish them well this year. The next time you're at the Ranch, it is likely a Ranch Guide will be the one who answers your questions and adds the bit of information which

NEWS FROM THE RANCH

(Continued from Page Two)

makes your visit a more memorable one. Since the overlook will be closed early in the season expect to see the guides in unexpected places.

SPRING SEMINARS: If you received our ACR Spring Bulletin you've already had a chance to register for one of our exciting seminars. If not, we've selected our April offerings to entice you to broaden your horizons and to learn more about the ACR and the world around you. Advanced registration is required for all seminars. Just give us a buzz at 868-9244 to plan a special and educational weekend. If you didn't get a bulletin, call the same number and Edris will be glad to send one out.

On April 7 & 8, Ray Peterson and John Petersen will team up to present the "ACR Wildflower Medley". Our resident biologists will introduce you to wildflowers at both Bolinas Lagoon and Bouverie Preserves. The seminar includes a night at Volunteer Canyon. The cost is \$45.

April 21 and 22 is "Earth Day Dawn" at Tom's Point. Cypress Grove biologist John Kelly will guide you on this overnight visit to Tom's Point on Tomales Bay. You will get to know your fellow explorers while you set up camp and during dinner. You will enjoy the beauty of the night and the walk in the early morning mist on this special celebration of Earth Day. The cost is \$30.

April 28 is a day for hikers at ACR. Ray Peterson assures us there is no uphill on the "Annual Downhill Hike". You will have to join him to find out for sure, but we haven't heard any complaints during the last five years. The hike is four miles and there is a \$10 fee.

GUIDED NATURE WALKS AT BOUVERIE: If you haven't seen the Bouverie Preserve in spring you've really missed something. The wildflowers are just spectacular and the birding is pretty good too. Give yourself a special treat and join one of our guided nature walks. These walks are led by members of the Bouverie Docent Council. Try to join one this spring. They are scheduled for Saturdays, April 14 and 28, May 12 and 26, between 9:30 and 1:30. Reservations are required no later than the Wednesday prior to each walk. Call early to reserve your place (707-938-4554).

EARTH DAY AT ACR: Members of the ACR family will celebrate the 20th Annual Earth Day on Sunday, April 22. Eleanor Decker, BAP (Bouverie) Docent tells us that BLP (Bolinas) docents will present an exhibit at Dominican College on Earth Day. BAP members who make up the Quercas Quire will lead a Love the Earth

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CALENDAR

(Continued from Page Two)

clude wood ducks, blue-gray gnatcatchers, ash-throated flycatchers and black-headed grosbeaks. We will meet at the Stanford University Jasper Ridge Main Gate (not the Whiskey Hill Gate) at 8:00 A.M. Meet promptly as the gate will be open only from 7:45 to 8:05 A.M. 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. A gate fee of \$4 per person is required. Sorry, but no children under 14. The group is limited so please call the office (593-7368) early for this reservations only field trip. For additional information, call the leader.

LEADER LOUISE FLETCHER 591-6804

May 1990						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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6	7	8	9	10	11	12
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20	21	22	23	24	25	26
27	28	29	30	31		

MAY 2 FILOLI FIELD TRIP. For the past six years Sequoia WEDNESDAY Audubon has conducted a survey of the birds of this beautiful woodland area. We'll tally the birds and observe the wildflowers in the non-tour areas until 2:00 P.M. The trip will be limited to 15 participants so call the Allens to reserve your space. Wear boots for hiking about 2 miles and bring a knapsack lunch. We will meet at the first gate south of the Pulgas Water Temple on Canada Road at 8:30 A.M.

LEADERS JEAN ALLEN 344-9339

MAY 3 SAS BOARD MEETING. 7:30 PM at the Kypta residence. THURSDAY ALL MEMBERS ARE WELCOME but should call the office ahead of time to confirm the meeting site and to be sure there is room.

MAY 5 SAN BRUNO MOUNTAIN FIELD TRIP. San Bruno Mountain SATURDAY stands in isolation, looking a bit out of place alongside the skyscrapers of San Francisco. Yet it is home to a wealth of wildlife, hidden in pockets of woodland and in sheltered canyons. We will be exploring its unique flora and fauna during this half-day trip. We will meet at the San Bruno Mountain Park ranger station at 9:00 AM. To reach the ranger station: From northbound U.S. 101, take the Bayshore Blvd./Brisbane exit, and go north on Bayshore Blvd. about 1 miles to Guadalupe Canyon Parkway. Turn left on Guadalupe Canyon Parkway and follow the road about two miles to the station.

LEADER AL SEUBERT

MAY 6 BLACK DIAMOND MINES FIELD TRIP. This new field SUNDAY trip will venture to Black Diamond Mines Regional Preserve in Contra Costa County, north of Mount Diablo. We will look at both birds and wildflowers at this interesting and beautiful park. We will walk several of the loop trails (a total of 3+ miles) to visit different hillside habitats. Hoped-for specialties include sage and black-chinned sparrows and migrating songbirds and Mt. Diablo globe lily and Mt. Diablo manzanita. We may also arrange, with advance notice, to tour the underground mining museum in the park. To reach the park, take Fwy 680 north from Walnut Creek to Hwy 242 in Concord. Take Hwy 242 north to Hwy 4; go east on Hwy 4. Take the Somersville Road exit south to the park entrance. We will meet at 9:00 AM at the park office. We plan to return to the parking area for a picnic lunch and will probably continue to bird and 'wildflower' the area until the time of the mine tours. If you are interested in taking the organized mine tour, the tours last 1.5-2 hours and leave at 1:30 or 2:30 PM. YOU

(Continued on Page Eight)

FIELD TRIP REPORTS

JANET DUERR

MOUNTAIN VIEW
Wednesday, January 17

Nick Coiro led a group of six members on this midweek trip around Mountain View Forebay. The pleasant weather was complemented by a good variety of 'expected' birds. Highlight species included several Common Moorhens and a Thayer's Gull to compare with the other more common gull species.

TOMALES POINT, PT. REYES
Saturday, February 3

Despite forecasts of rain, seven members and guests joined leader Dave Shuford for this trip to a relatively unexplored area of Pt. Reyes. The morning started out well, with numerous Tule Elk close to the parking area. The group decided to walk towards the point despite the weather forecast in the hopes of seeing pelagic birds from the point. After about three miles of a pleasant hike along the open hillsides, close to the point, the rains started. The group stopped briefly for a damp lunch under the only group of trees along the trail, then headed back to the parking lot. The heavy rain was made more 'interesting' by the 30-40 mile per hour winds off the ocean. Everyone made it back wet, but exhilarated. Next year, maybe we'll try a different day!

ALTAMONT PASS
Sunday, February 11

Eight members joined leader Nick Coiro on this new field trip to Altamont Pass (off freeway 580, between Livermore and the central valley). Overcast and cool weather probably kept the number of observed raptors down, but a number of different species were seen. Highlights included several Ferruginous Hawks, a Prairie Falcon, 2 Golden Eagles, and an immature Bald Eagle, as well as numerous Mountain Bluebirds. About 35 species were seen in total.

COYOTE POINT
Wednesday, February 11

Due to last minute scheduling problems, Nick Coiro was unable to lead this midweek field trip around Coyote Point. John Padley, a long-time member and frequent field trip participant, took over for Nick to lead a brief trip around the point for four other members. Under cool and windy skies, the group saw the 'expected' collection of waterfowl and shorebirds.

STOCKTON
Saturday, February 24

Gil West met 10 other birders at the gates of the Stockton Oxidation Ponds outside of Stockton. Unfortunately, the city of Stockton, in a budget crunch, no longer has any weekend personnel on duty at the facility, so there was no one available to open the gate. From there the birders caravanned to the low-lying fields west of Lodi in a fruitless search for cranes and waders. A trip to the Lodi Sewage Ponds produced some ducks and many shorebirds but not the desired golden-plovers. Things picked up after that when thousands of sandhill cranes were found feeding on both sides of Woodbridge Road in Thornton. A hunting rough-legged hawk and a fly-by of white pelicans were a bonus. The trek to 333 Jehant Road in Lodi completed the day. The Bendire's thrasher announced his presence with his variegated song. It nevertheless took the better part of half an hour for the group to find the bird, who cooperated by remaining on the same perch long enough for every one to get "killer" looks at him and to note all of the field marks. It was a super ending to a fine day in the field.

NEWS FROM THE RANCH

(Continued from Page Three)

sing-a-long at the Luther Burbank Center in Santa Rosa at 3 PM on April 21. They will lead another on the following day to wrap up a Sonoma Creek clean-up. Each class visiting the Bouverie Preserve during April will receive a redwood sapling.

If you visit the Ranch on Earth Day, April 22, docents and guides are planning a very special program of guided walks, talks, songs and sales of environmentally sound products. And of course don't forget the Earth Day seminar presented by John Kelly. We hope you will join us for Earth Day, 1990.

NAS SCIENTIST LEADS 3 MILE ISLAND STUDY

Jan Beyea, National Audubon Society's senior staff scientist, has just finished a 10-year study of the possible links between the Three Mile Island disaster and cancer in the surrounding area.

The final round of studies are still in draft form undergoing peer review and are not yet available to the general public.

You can get on the mailing list for the final report by writing to Jan Beyea at National Audubon Headquarters, 950 Third Ave., New York, NY 10022.

NAS 1990 WESTERN REGIONAL CONFERENCE

The 1990 Western Regional Conference will once again be held at the Conference Center in Asilomar on the Monterey Peninsula from Saturday, April 7 through Tuesday, April 10.

The workshops will cover conservation issues; wetlands, water quality, state non-game management programs, ancient forests; chapter leadership; fundraising, computers, education; and nature study; birding and photography.

There will be a special youth program directed by the staff of the Richardson Bay Audubon Center.

Invited speakers include Representative Chet Atkins (D.-Mass.); John Turner, Director of the National Fish and Wildlife Service; and Peter Berle, NAS President.

Field trips to study the geology of the San Andreas fault, to the Monterey Aquarium, and birding trips to Elkhorn Slough, Moss Landing and offshore Monterey Bay complete the agenda.

Rick Johnson, Sequoia's Conservation Chairman will be our official representative at the Conference.

BIRDATHON '90! BIRDATHON '90!!!

number of teams of Sequoia Audubon Society birders will embark on this year's BIRDATHON fundraiser. Some of the teams will start early in the morning, well before dawn and assumedly end sometime around dusk. At least one team will go from noon to noon. Whatever their methods, they will try to identify as many different species as possible in a 24 hour period.

You can help out by pledging a nominal amount (from 5 cents on up) for each species identified by one of the teams.

This year National Audubon is donating its half of the proceeds to the Mono Lake Defense Fund and to the Richardson Bay Education Center. Your contribution will help preserve these invaluable and unique resources.

You can show your commitment to SAS and your confidence in our birders "pre-paying" your pledge for 150 species.

Make all checks payable to Sequoia Audubon Society and mail to:
720 El Camino Real #403
Belmont, CA 94002

All honored pledges are tax-deductible.

My team is.....
DON'T FORGET TO TELL US WHAT TEAM YOU WANT TO SUPPORT!

YES, I will support Sequoia Audubon Society and the fight to save Mono Lake with a pledge of _____ per species.

YES, I will pre-pay my pledge based on an estimate of at 100 or 150 different birds being identified.

My check for \$ _____ is enclosed.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

TELEPHONE _____

The BIRDATHON is - after the Christmas Count - the largest participation event sponsored by the Natl. Audubon Society. I wish to join in. I will sign up pledges and conduct my Birdathon on _____

ITEMS FOR SALE AND RENTAL

PUBLICATIONS:

Prices by Mail Order

San Francisco Peninsula Birdwatching	\$ 6.00
National Geographic Field Guide to the Birds	17.25
Birder's Handbook--Ehlrich, Dobkin & Wheye	17.60
Birding Northern California--Jean Richmond	12.00
Mono Lake Guidebooks	7.50
Pacific Coast Checklists-in pads of 25	3.50
"I'd Rather Be Birding" bumper sticker	2.00
Sequoia Audubon Chapter Patch	3.75
San Mateo County Checklist	.75

Send checks to: Sequoia Audubon Society, 720 El Camino Real, #403, Belmont, CA 94002. Allow 14-18 days for delivery. Publications are also available at a reduced cost at the general meetings and at the office.

VIDEOS FOR RENTAL:

We have several bird identification videos that can be rented from the SAS office. They are also available at general meetings.

Techniques of Birding--Arnold Small	\$ 2.00/week
Video Guide to Birds of North America	5.00/week
(We now have the entire set available)	



**San Francisco
Peninsula
Birdwatching**

SEEN ANY VAGRANTS LATELY?

STEVE SCHAFER

va'-grant n. a wanderer; rover. Each year, throughout North America, thousands of birds show up where they shouldn't. Searching for (and finding) such birds is the consuming passion of the birding addict. Where do they come from, and why? No one knows the answers, but at least some records of vagrant birds seem to fall into understandable patterns.

Most vagrants show up in the fall, and are first-year individuals of migratory species. These birds are participating in their first long-distance journey, and simply get lost. Flying hundreds or thousands of miles in the fall and back again in the spring is a remarkable reproductive strategy, one that is used successfully by many species. But what could be going on in a bird's brain that causes it to end up in California instead of China?

One theory suggests that a significant number of birds may have some difficulty in distinguishing left and right. There is some research supporting this theory, though the evidence is certainly not conclusive. If correct, it may explain why a bird genetically predisposed to fly southwest in the fall, for example, goes southeast instead.

Most species that breed in eastern Siberia normally fly southwest in the fall, following the Eurasian coastline. A few individuals, though, turn left instead of right, and end up along the Pacific coast of North America. The reverse is true as well, when birds that breed in Alaska and normally migrate through California turn up instead in Japan. The Pectoral and Sharp-tailed Sandpipers are two closely related species that follow this trend. The Sharp-tailed Sandpiper is a Eurasian species, a few individuals of which sometimes show up along our Pacific coast. Similarly, Pectoral Sandpipers, which are common during migration in North America, are found on rare occasion in Asia.

This same pattern is seen on the other side of the continent as well, with birds normally found in Scandinavia and western Europe occurring along our Atlantic coast. A similar behavior would explain how some songbirds that breed in Canada (warblers, for instance), and that normally migrate in a southeasterly direction in the fall, end up in California.

Another category of vagrant birds may result from post-breeding dispersal. The individuals of many species that are essentially non-migratory disperse widely in all directions after the completion of breeding. The Heermann's Gulls and Elegant Terns that appear regularly in the Bay Area in summer are examples. Many of the vagrants found near the Mexican border may simply be individuals that have scattered a bit more widely than normal.

It has also been suggested that habitat loss in Mexico and the tropics may be responsible for an increase in vagrants in the southern U.S. As the birds run out of room in their native ranges, they are forced to travel farther to find adequate food and breeding areas. However, a similar argument could be used to explain a decrease in vagrants as well, so it is not clear how valid the hypothesis really is.

Then there are the vagrants that fit into no category at all. The Spotted Rail is a species found in the Caribbean and from southern Mexico through South America. It is mostly sedentary, and there are few records outside of its normal range. There are two such records in North America, one from Texas, which seems quite plausible, and another from Pennsylvania. How did a bird that doesn't fly particularly well get so far from home? Who knows?

We may never know for sure why birds so often end up in the wrong places, and we will certainly never know exactly how that particular Spotted Rail made it to Pennsylvania, but as long as they keep coming, the birders will keep looking.

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BIRDATHON '90

Sometime during the month of April, one of these teams - and others yet to be formed - will be out birding for the benefit of Sequoia Audubon, the NAS Richardson Bay Education Center and the Mono Lake Defense Fund.

The teams, to date, are:

Rick Baird, Nick Coiro, Rick Johnson and Maria Straatman; Janet Duerr & Steve Schafer; and Cliff Richer & Al Wofchuk.

Dan Keller, Linda Kypta and Barry Sauppe will also participate but their team affiliations haven't been decided yet.

Team participants (and some of their supporters) will be manning a telephone bank on Monday, March 26 and again on Thursday, March 29 calling on members to help these worthy causes.

Don't wait to be called. Use the pledge form on Page Five to show your support.

SF BAY DEDICATED - WESTERN HEMISPHERE RESERVE

Members of the public are invited to a ceremony on Sat., April 28, dedicating San Francisco Bay as a Hemispheric Reserve site in the Western Hemisphere Shorebird Reserve Network (WHSRN). Representatives of the US Fish and Wildlife Service, California Departments of Fish and Game and of Parks and Recreation, East Bay and Mid-Peninsula Park Districts, City of Mountain View, the Point Reyes Bird Observatory and the National Audubon Society, will join with representatives from Canada and Peru in celebrating the international link formed by migrating shorebirds.

The event will begin with a walk at 10 AM at the San Leandro Bay Regional Park at Arrowhead Marsh in San Leandro. To get there take I-880 to Hegenberger Road, take a left on Pardee Road and a right on Swan Way. The park entrance will be on the left.

WHSRN currently includes Delaware Bay, the Bay of Fundy, the entire coast of Surinam and the Lahontan Valley wetlands in Nevada.

WILD GOOSE CHASE CONTRIBUTORS

Special thanks to these Wild Goose Chase Contributors who have honored their pledges. Their contributions will enable Sequoia Audubon Society to carry on its educational, conservation and support programs for another year.

Rick Baird

Herb Dengler

John and Nina Padley

A special thanks to the Padleys, whose pledge was lost and who had to remind us that they owed for the Wild Goose Chase!

EARTH DAY'S 20th ANNIVERSARY CELEBRATION

ABOUT EARTH DAY: The original Earth Day, in April, 1970, was celebrated by over 20 million people across the United States. Environmental awareness raised on that day aided the passage of the Clean Air Act, the Clean Water Act, the Endangered Species Act, and led to the formation of the Environmental Protection Agency. On the 20th anniversary of the first Earth Day, millions of people around



the world will gather in thousands of events to celebrate the earth and to work to help protect and preserve the Earth. We hope that Earth Day activities will revitalize the environmental awareness and activism of individuals throughout the world. These are just a few of the things you can do to celebrate our involvement with the Earth this April.

MONDAY, APRIL 16

10:00 AM - 12:30 PM, A RALLY FOR OCEAN PROTECTION AND OPPOSITION TO OFF-SHORE OIL DRILLING, Ano Nuevo Preserve. Booths, rally and press conference, call Kelly Quirke at 474-6769.

TUESDAY, APRIL 17

7:30 - 9:30 PM, THE ENVIRONMENT AT RISK: A NATIONAL ISSUES FORUM, Coyote Point Museum, San Mateo. Free lecture and debate, call Lori Mann at 342-7755.

FRIDAY, APRIL 20

9 AM - 1 PM, TRAIL RESTORATION AND CLEAN-UP, Alameda County. Call East Bay Conservation Corps at 272-0222.

SATURDAY, APRIL 21

10 AM - 5 PM, ECO FAIR, College of San Mateo. Booths, demonstrations, food, native plants sale, energy conservation tips, and children's activities in the mall or, in the event of rain, in the cafeteria. SEQUOIA AUDUBON SOCIETY will have a booth about marshes and the natural history of the Bay. If you can help at the booth, please call Rick Johnson at 571-8533.

A CELEBRATION OF JOHN MUIR'S B*EARTH*DAY, Muir Woods. Frank Kelling will portray John Muir in this program, call Robyn Myers at 388-2595.

COMMUNITY TREE SAPLING GIVE-AWAY. For San Mateo County residents, call Dianne Zarcone at 364-5241.

OCEAN BEACH CLEAN-UP, San Francisco. Sponsored by the Ocean Alliance, call Joan Patton at 441-5970.

FOREST WORKSHOPS, all 17 National Forests in California. Workshops, trail restorations and tree plantings at all forests, call Steve Dunskey at 705-2749.

CALIFORNIA STATE TRAILS DAY. Volunteers will restore trails state-wide, call Lynn Linder at (916)322-9568.

ECOMOTION PARADE, Berkeley. All major streets will be closed to cars, parade to Martin Luther King, Jr. park with an all day festival and concert, call Brenda at 849-2702.

OCEAN AWARENESS EVENING, Half Moon Bay Community Center. Speakers and a movie, sponsored by surfing organizations, call Shannon Nottestad at 726-1407.

EARTH DAY, SUNDAY, APRIL 22

All Day, CRISSY FIELD EARTH DAY FAIR, San Francisco. This is the major Bay Area Earth Day Fair. Two stages will feature nationally known music talent, plus family entertainment and local music groups. There will be dozens of booths, a boat parade including the tall ship *The Californian*, an ecoquilt, and more. Participants from a number of other Bay Area fairs will join here for the afternoon. See your local paper or call Nanette Leuschel at 775-1931.

8:30 AM - 5+ PM, MINES ROAD FIELD TRIP, Livermore. This SEQUOIA AUDUBON SOCIETY trip will be led by Cliff Richer. Please see the calendar in this newsletter for details.

AM, EARTH DAY FUN RUN AND RALLY, Stanford University. Music, speakers, a race, and a parade to catch the train to Crissy Field in San Francisco, call John Ince at 331-1942.

10 AM - 4 PM, COASTSIDE EARTH DAY FAIR, Francis State Beach, Half Moon Bay. Free music, speakers, games, food, and a parade, call Shannon Nottestad at 726-1407.

10:30 - 11:30 AM, HAPPY EARTH DAY PARTY, Baylands Park, Palo Alto. Speakers, singing and a rally, then buses to Crissy Field in San Francisco, call Don Smith at 493-6319.

11 AM - 5 PM, FOREST AMPHITHEATER FAIR, Dominican College, San Rafael. Booths, music, and speakers including Jesse Collin Young, call Barbara Whyman at 461-9321.

Noon - 3 PM, LAKE MERRITT ECOLOGY FAIRE, Lakeside Park, Oakland. Music, booths, demonstrations, litter scavenger hunt, and more, call Allysyn Kiplinger at 465-3971.

OAKLAND ZOO PASSPORT TO DISCOVERY, Oakland. The zoo will offer special children's Earth Day programs, with half price admission to people who bring a recyclable can.

Noon - 3 PM, OLD-FASHIONED NEIGHBORHOOD SOCIAL, Hillsborough. Drought-resistant garden displays and lots of ice cream, call Denyse Browne at 579-5886.

APRIL 24

7:30 - 9:30 PM, CALIFORNIA'S ENVIRONMENTAL INITIATIVES, Coyote Point Museum, San Mateo. Free lecture and debate, call Loni Mann at 342-7755.

CALENDAR
(Continued from Page Three)

MUST MAKE ADVANCE RESERVATIONS FOR THE MINE TOURS! Please call Janet (689-0788) at least two weeks before the field trip to assure your reservation on a mine tour. The mine tours cost \$3.00 for ages 12-61 and \$1.50 for ages 7-11 and 62+. You must be at least 7 years old to enter the mine. This is a good trip for beginners in birdwatching and plant identification alike.

LEADERS ALMA TOROIAN-RAYMOND and JANET DUERR

MAY 10 GENERAL MEETING. A YEAR ON MONTEREY BAY. THURSDAY Rod Norden, a naturalist with Shearwater Journeys will outline a year on Monterey Bay, emphasizing either birds or mammals. At the San Mateo Garden Center on the Alameda at Parkside. Social Mixer at 7:30 PM. General Meeting begins at 8:00.

MAY 19 SAN PEDRO COUNTY PARK. This county park SATURDAY along the coast is a regular stop for migrating birds and an occasional trap for rare vagrants. It provides a variety of

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The following application is for NEW MEMBERSHIPS only.

NATIONAL AUDUBON SOCIETY

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[] 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.

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wooded, riparian and grasslands habitat for many species. The trip will entail some walking along easy trails. It begins at 9:00 AM in the parking lot of the park. To get there take Highway 1 to Pacifica and turn inland at Linda Mar Boulevard. Follow Linda Mar to its end and then follow the signs to the park.

LEADER

SCOTT SMITHSON

MAY 26 TIOGA PASS AND THE MONO LAKE BASIN. This SATURDAY trip will cover some of the best birding THROUGH areas of the Sierra passes, Mono Lake, MAY 28 the Mono Basin plateau and its canyons, MONDAY and perhaps even the motel's hummingbird feeders. Rosy finches, great gray owls, sage grouse, pinon jays, broad-tailed hummingbirds and Virginia's warblers are resident and almost any species can be found as a vagrant. Advance notification is required for motel and transport arrangements, since the opening of Tioga Pass can be a delaying factor affecting the itinerary. We must have firm reservations by May 7. Call the leader for details, for reservations or for an itinerary and checklist.

LEADER

CLIFF RICHER

355-4058

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