

SEQUOIA NEEDLES

Bulletin of the Sequoia Audubon Society, San Mateo County
Founded 1949

Volume 53, No. 4
April-May 2003

PRESIDENT'S LETTER

Our Conservation Committee at Work

BY MARTHA O'NEAL MACHO

Having a recognized name in environmental matters, Sequoia Audubon receives requests for our input into a variety of issues: site clean-up, planning for wetland dredging and restoration, new plantings of vegetation that will encourage birds, endangered bird studies from groups forming to preserve remaining open areas, and infrastructure repair or expansion, among others.

Recently our Conservation Committee wrote letters on two topics. One responds to PG & E's proposed transmission towers in the I-280 corridor near Edgewood Park. Sequoia Audubon requests study of their effect on migrating and resident birds, and suggests consideration of underground lines.

The second letter addresses the proposed weakening of the Clean Water Act. We urge that the EPA and U.S. Army Corps of Engineers not expand the decision of the U.S. Supreme Court regarding one particular aspect of the Act to jurisdiction over all areas affected by the Act. The rules, as proposed, will further endanger wetlands and vernal pools, which will affect our local habitat.

We also continue to monitor Bair Island and the large Marina Shores Village project across the slough from Bair Island, and the San Francisco Airport expansion, which is currently stalled as a result of decreased air travel.

Members interested in conservation may join our Armchair Activist program, and all members are welcome at Sequoia Audubon conservation committee meetings. For information call Cynthia McLaughlin at 650-299-9469.

CHRISTMAS BIRDCOUNT HIGHLIGHTS

BY AL DEMARTINI

The results of Sequoia Audubon's 2002-2003 Christmas Bird Count are now available on the National Audubon website at www.audubon.org/bird/CBC. This article summarizes major findings from our counts.

SPECIES IDENTIFIED

We have two count circles, counted on different days. The counts are named after their more-or-less center points. The day of our Crystal Springs count was pleasant in the morning, but around noon downpours sent most of us running for cover. Though some of our intrepid counters stayed the course, our total species count was 177, lower than usual. On the day of our Año Nuevo count, which is often damp, we had glorious weather, with a total species count of 176, a good number for the coast.

UNUSUAL OR RARE SPECIES FOUND

Crystal Springs count: Blue-wing Teal, Tufted Duck, Oldsquaw, Tennessee Warbler, Palm Warblers.

Año Nuevo count: Blue-wing Teal, Eurasian Wigeon, Wild Turkeys, Pacific Golden Plover, Red Knot, Yellow-bellied Sapsuckers (3), Western Flycatcher, Barn Swallows, Blue-Gray Gnatcatcher.

HIGH COUNTS

Crystal Springs count: There were record numbers of Brown Pelicans, Semipalmated Plovers, Hermann's Gulls, Forster's Terns, and Common Ravens.

Año Nuevo count: There were many high counts, among them 75 Whimbrels, 374 Common Ravens, and 10 Pileated Woodpeckers.

As usual, the counts were fun. Count locations were assigned to the volunteers according to their capabilities.

See you there this winter!

Monthly Meetings

San Mateo Garden Center
(See program details on page 2)

April

Thursday, 10th, 7:30PM

Program: Birding Thailand

May

Thursday, 8th, 7:30PM

Program: Natural History of Año Nuevo

June

Thursday, 12th, 7:30PM

Program: Natural History of Kenya and Tanzania

Upcoming Field Trips

(See trip details on page 3)

April

Saturday, 5th Bair Island*

Sunday, 6th Williams Sister's

Ranch Birds and Wildflowers

Saturday, 12th

Cloverdale Coastal Ranch

Sunday 13th

Elkhorn Slough, Monterey Bay Area

Saturday 26th

Filoli Estate, Woodside

Sunday 27th Edgewood Park

Sunday 27th

Mines Road, Livermore

May

Saturday, 3rd Bair Island*

Saturday, 3rd

San Pedro County Park

Saturday, 10th

International Migratory Bird Day*

Saturday, 17th

San Bruno Mountain*

Sunday, 25th Edgewood Park

June

Sunday 1st

Peninsula Humane Society Wildlife Center

Weekend 7th-8th

Yuba Pass & Sierra Valley

(Continued on page 3)

Sequoia Audubon Society

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Members are encouraged to submit original or uncopyrighted material – articles, artwork, cartoons, photos – to be published in the Needles. The

deadline for the submission of materials is the first day of the month preceding publication. Send comments and contributions to:

sas_editor@yahoo.com



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MEETING PROGRAMS

BY SUE COSSINS

Birding Thailand

by Francis Toldi

Thursday, April 10th, 2003

SAS members Francis Toldi, Peter Metropulos and Alan Wofchuck will present a program on their recent trip to Thailand. Thailand is a country of great physical beauty, with forests, temples, spectacular birds and warm-hearted people. This program will focus on two of the many regions of interest within Thailand: Khao Yai National Park (forested mountains in the central part of the country) and Chiang Mai (a city in the far north, including nearby peaks).

Natural History Of Año Nuevo

by Ranger Frank Balthis

Thursday, May 8th, 2003

In addition to being a seasonal ranger at Año Nuevo State Reserve, Frank Balthis is a professional natural history photographer. His credits include books, magazines, calendars and his own line of wildlife cards entitled "Nature's Design". He has been studying and photographing elephant seals since 1980 and has a thorough understanding of their behavior. His presentation will cover, not only the marine mammals, but also the birds and natural history of Año Nuevo.

Natural History Tour Of Kenya And Tanzania

by Bob and Sue Cossins

Thursday, June 12th, 2003

Join SAS members, Bob and Sue Cossins in reliving scenes of their recent trip to East Africa. Some of the areas visited include Tarangire National Park, Lake Manyara National Park, Ngorongoro Crater, Olduvai Gorge, Serengeti Plains, Samburu Game Reserve, and Nakuru National Park.

RED WINGED BLACK BIRDS

Paul O. Williams, a member, asks:

Do redwinged blackbirds hybridize? Recently I was at the Foster City Costco and saw two redwings that were different from



any I'd ever seen before. They had just one red stripe on their shoulders, not at all wide, and with no yellow stripe at all. I got a good look at them because I was outside eating a sausage and feeding them pieces of bread, and they took some right out of my hand. My Field Guide to Western Birds has no such creature in it. Of course since I've moved to California, I've often been confused. My knowledge of birds is almost all eastern, and there are a lot of things out

here that aren't in the books at all--goldfinches, for example. Anyhow, if anyone knows anything about this, I'd love to know.

Monthly Meetings

San Mateo Garden Center

605 Parkside Way, San Mateo

Parkside Way is west of Alameda de las Pulgas, between 26th and 28th Avenues.

Francis Toldi replies:

Red-winged Blackbirds have a number of different subspecies. The most common subspecies in California is the "Bi-colored," which as its name suggests, has only red on the otherwise black wing. The rest of the country has subspecies that have red and yellow in the wing. Given the typically eastern orientation of most bird publications, for years West Coast birders were baffled by the lack of yellow in "our" redwings. Some of the more recent editions of some guides (e.g. National Geo) now illustrate our bird as well. Also note that sometime in winter you see very worn "eastern" types with very little yellow showing (or red, for that matter).

Sierra Club Training

The Sierra Club Loma Prieta chapter is holding a political endorsement process training session on Saturday April 5, 2003 from 9:30am-5pm in Palo Alto. Topics include: candidate research and evaluation, endorsements, campaign support, and local political context. For more information, contact Stephanie Schaaf at sas@alumni.brown.edu or 650-428-1833.



FIELD TRIPS

BY CAROL MASTERSON

Bair Island

Saturday, April 5, 9:00 AM

This trip is designed especially for beginners and families. Ask lots of questions. Learn about birding and conservation. We have binoculars to share. Walking is easy on well developed flat trails. **Directions:** Take Hwy 101 to the Whipple Ave. exit in Redwood City. Go East on Whipple across the frontage road. There is a parking area here, but **watch out** for the frontage road traffic. Meet at 9:00 AM at the refuge sign inside the gate. There are no restroom facilities, so come prepared.

Leader: Robin Smith 650-325-3306.

Beginner/Family Trip

Williams Sister's Ranch - Birds And Wildflowers

Sunday, April 6, 9:00 AM

Spring is the best time to visit the National Audubon Williams Sister's Ranch Preserve. We will have special permission to visit this beautiful Skyline preserve, a working ranch, not currently open to the public. Wildflowers and birds will be in abundance; this trip should delight botanists and ornithologists. **Reservations** required. Call early to reserve your spot.

Leaders: Francis Toldi And Gloria Heller 650-344-1919

Cloverdale Coastal Ranch

Saturday, April 12, 8:30 AM

Enjoy spring birding looking for resident breeding species, spring migrants, and wildflower displays. We will walk through portions of the Cloverdale Coastal Ranch, a premier site acquired and protected by the Peninsula Open Space Trust (POST). The ranch is 8.8 square miles, or 5,638 acres, of signature San Mateo coastal forests and rolling hills between Butano State Park and the coast. This will be a walking trip, so boots or sturdy shoes are recommended. Bring lunch and fluids and we will plan to finish by 2 PM.

Information: http://www.openspacetrust.org/POST_Lands/cloverdale.htm.

Directions: Please contact the leader, as we need a count of participants, and will

need to car pool from Pescadero to the entrance.

Leader: Rick Johnson 650-329-9639

Elkhorn Slough, Moss Landing, Monterey Bay Area

Sunday, April 13, 9:00 AM

Join us on this decent lead field trip to an area that is a bird "magnet". This area is a prime spot to see spring resident and migrant birds. The reserve has varied habitat, including marsh, coastal scrub & woodlands. There is a rookery with Great Egrets and Great Blue Herons.

Directions: From Hwy 1 turn East on Dolan Road at the huge power plant in Moss Beach. Go 3.6 miles east on Dolan Road and turn left at Elkhorn Road. (Dolan Road merges with Castroville Blvd.) Go 2 miles north on Elkhorn Road to the reserve entrance on left; meet at the Visitor Center. There is a \$2.50 fee. Dress in layers for warm or cool weather.

Information: call Carol 650-347-1769

Filoli Estate

Saturday, April 26, 8:30 AM

The Filoli Estate is the property of the National Trust for Historic Preservation. We have been invited for a morning of birding at this beautiful site on the edge of the San Francisco watershed land. The grounds of Filoli have a fine planted-garden surrounded by large Oaks and trails leading to riparian, Redwood and farm habitats. Over 96 species of birds have been found here. Reservations required because this trip is limited to 20 people maximum (Sorry, no children under 14.) No food or picnicking is allowed but all will be welcome after the walk to buy light food and beverages at the Café and visit the gift shop.

Directions: Take the Hwy 280 to the Edgewood Road exit go west. Turn right/north on Canada Road and drive approx. ½ mile to the entrance of Filoli. We will meet in front of the Visitors Center. If you want to remain after the field trip to walk through the house and/or gardens, there will be a \$10.00 entrance fee.

Heavy rain cancels.

Reservations: call Carol Masterson at 650-347-1769.

Leaders: Sue James And Donna Petersen.

Upcoming Field Trips

(Continued from page 1)

Saturday 14th

Presidio Bird Hike & Quail Watch

Saturday 21st

Burrowing Owls, Mountain View

July

Weekend 11th-14th

Audubon - Kern River Preserve

**Beginner/Family Trip*

Check the field trip descriptions for any special information or requirements. Late comers may be disappointed. For all field trips bring your binoculars, water, wear sturdy walking shoes or boots, sun block, hat, and always dress in layers for hot sunny weather to cool windy conditions. While we will attempt to stay on schedule, circumstances may dictate changes to field trip leaders, dates or times. For the latest schedule and updates always go to the Sequoia Audubon web site, contact the trip leader, or call

Carol at 650-347-1769

Alice's Bird Class

Alice Hoch will offer a birding field class through the Fremont Adult School. The class will meet on six Tuesdays from 9:30 AM to 12:30 PM; each time the class will visit a different birding spot. The next session begins 4/29/03 and ends 6/3/03. Register by Thursday 3/24/03. Be prepared to bird watch at the first class meeting. For more information call the adult school at 510-791-5841 or Alice at 510-657-0475.

New life for Old Soles: Athletic Shoe Recycling Collection

Hate to throw away an old pair of tennis shoes? Do something good this Earth Day and recycle your used athletic shoes during the month of April. The shoes you bring in will be ground up and used to make athletic surfaces including tracks, tennis courts and playground surfaces. Athletic shoes only; no metal, dress shoes or hiking boots. For recycling locations visit www.RecycleWorks.org or call 1-888-442-2666.

(Continued from page 3)

Edgewood Park, Spring Birds And Wildflowers

Sunday, April 27, 8:00 AM

Edgewood Park has spectacular wildflowers and spring birding at its best. Over 60 species of birds have been identified here and twenty-seven species families can be found here. Beautiful wildflowers, more than 300 species of plants, as well as rare plants are found in this rich area. **Directions:** The Edgewood Park entrance is east of Hwy 280 on Edgewood Road in Redwood City. Look for the park entrance on the south side of the road. Meet in the parking lot near the Day Camp area. **Leader:** Lee Franks 650-592-7733.

Mines Road - The Ultimate Spring Bird Trip

Sunday, April 27, 8:00 AM

A variety of habitats provide a fascinating variety of birds not found elsewhere in the Bay Area. We will look for Phainopepla, Prairie Falcon, Lawrence's Goldfinch, Lewis' Woodpecker, Golden Eagles, along with Sparrows and Hummingbirds. We may even see a Wild Turkey or Roadrunner. Facilities are scarce; have a full tank of gas, water and food. There are only two reliable restroom facilities, one at the lunchtime stop and another at mid-afternoon stop. Heavy rain cancels. This is an all day trip. **Directions:** Cross the San Mateo bridge, take Hwy I-580. Stay on 580 for about 25 miles to N Livermore Avenue exit going towards central Livermore. After going through town, N Livermore Road becomes Tesla Road. Turn right on Mines Road. Follow it for about 1/4 mile to the Murieta Wells Winery turnoff (on the right). We will meet in the small parking area alongside Mines Road (don't cross the bridge into the winery). **Leaders:** Leslie Flint 650-573-6279 and Robin Smith 650-325-3306.

Bair Island

Saturday, May 3, 9:00 AM

We will be on the look out for spring and summer birds. Learn how important this area is for Bay and wildlife conservation. We have binoculars to share. Easy walking, suitable for kids in strollers.

Directions: See Bair Island, April 5.

Leader: Robin Smith 650-325-3360. **Beginner/Family Trip**

San Pedro County Park

Saturday, May 3, 9:00 AM

This coastal wooded park provides a variety of habitats for migrating and resident birds. The trip will entail some walking along easy trails. **Directions:** Hwy 1 to Pacifica and turn inland at Linda Mar Boulevard. Follow Linda Mar to the end and follow the signs to the park. Heavy rain cancels. Meet in the parking lot just to the right (south) of the Visitor's Center. **Leader:** Judy Spitler 650-355-9362.

International Migratory Bird Day And Keep You Cat Indoors Day: Special Bird Walk At Bay Front Park

Saturday, May 10, 9:00 AM

Join us to celebrate birds. Learn about the incredible journeys of migratory birds between their breeding grounds in North America to their winter homes in Central and South America. Learn about the importance of international cooperation for habitat conservation and how our support of local preserves and wetland habitats here in the US help birds in all the Americas. Learn some of the things you can do to protect the birds such as keeping you cat indoors, supporting conservation programs and much more.

Information: www.BirdDay.org or call Robin Smith 650-325-3360. **Beginner/Family Trip**

San Bruno Mountain

Saturday, May 17, 9:00 AM

San Bruno Mt. is home to a wealth of wildlife, hidden pockets of woodland and sheltered canyons. We will look for Quail, Nuthatch, Towhees, Vireos, Warblers, Mockingbird, Thrush, Flycatchers, Sparrows, Wrens, Hummingbirds, and many other migrants. Depending on the winter rains we may see spectacular wildflower displays. **Directions:** Take the Bayshore Boulevard/Brisbane exit from 101. Proceed on Bayshore Boulevard, turn west on Guadalupe Canyon Parkway, and proceed up the hill to the Park entrance on your right. Be prepared to pay a fee. Meet in the main parking lot just beyond the entrance kiosk. Bring fluids and snacks. We have binoculars to share. Not suitable for strollers.

Leader: Leslie Flint 650- 573-6279. **Beginner/Family Trip**

Edgewood Park - Spring Birds, Butterflies And Flowers

Sunday, May 25, 8:00 AM

Spring birds, butterflies and wildflowers abound at Edgewood Park. Talk with the leader about the important ongoing conservation studies and programs at the park.

Directions: See Edgewood Park, April 27.

Leader: Lee Franks 650-592-7733.

Peninsula Humane Society Wildlife Center

Sunday, June 1, 9:00 AM

Learn about the Peninsula Humane Society Wildlife Rehabilitation Programs. This is the time of year when the center gets lots of baby birds to rehab. We will have a real "behind the scenes" tour. We can then bird around Coyote Point and the Bay edge. **Directions:** Take the Peninsula Ave exit and go east towards Coyote Point, turn left on Airport Blvd. then look for the Peninsula Humane Society parking lot on the right. We will meet at the entrance to the Humane Society.

Leader: Judy Spitler 650-355-9362.

Yuba Pass & Sierra Valley Weekend

Saturday - Sunday, June 7-8

On Saturday, we will meet at 8:30 AM at the Yuba Pass summit parking lot on Hwy 49. Take I-80 to Truckee. Go north on Hwy 89 to Sierraville and take Hwy 49 west about 19 miles to Yuba Pass summit. We will bird for summer residents including Dippers, Flycatchers, Warblers and Calliope Hummingbirds. On Sunday, we will look for birds of the eastern Sierra, including White-faced Ibis, Vesper Sparrow and Lewis's Woodpeckers. US Forest Service **Campgrounds:** Wild Plum (elev.3000 ft) 2 miles east of Sierra City, Chapman Creek (elev. 5800 ft) 8 miles east of Sierra City and at the summit of Yuba Pass (elev. 6701). **Lodging:** Buttes Resort and Buckhorn Lodge 530-862-1170, Herrington's Sierra Pines 530-862-1151, Bassett's Station Motel 530-862-1297, Sierra Buttes Inn Motel 530-862-1191, Yuba River Inn 530-862-1122, Bush & Herringbone County Inn 530-862-1501. Make reservations as soon as possible for other Audubon groups will likely be birding this weekend. Please let us know if you plan to attend. **Leaders:** Joe & Martha O'Neal Macho 650-692-8138.



CALIFORNIA QUAIL

BY LEE FRANKS

This attractive game bird is the state bird of California and the subject of A. Starker Leopold's 1977 book, *The California Quail*, which combines nearly a century's worth of published and unpublished research into a single text. This bird inhabits broken scrubby habitat (perennial shrubs broken by spaces with annuals) where it has access to cover and to annual food species, mainly legumes (members of the pea family). They also like fruit and seeds from buckbrush and poison oak. Quail live in coveys, or flocks, that move widely throughout the park during the non-breeding season. During the breeding season, the covey breaks up and individual pairs spread across the covey range to nest and raise their young.

The California Quail is distinguished from other quail species by its unique plumage pattern and the presence of a forward-facing comma-shaped black plume that makes them look like a flapper from the 1920s. The adult male has a boldly patterned black-and-white face with a buffy-yellow forehead, gray breast, black "scaling" on the belly, and a chestnut patch at the center of the belly. The adult female is similar but duller and browner overall, with markings on the side of the neck and upper back dark brown instead of black. The head is entirely grayish, without black and white markings.

Behavior

This is a highly gregarious species, moving around in coveys that average 20-25 birds. They tend to run rather than fly, but will fly short distances to avoid predators. The birds usually depart from night roosting sites (generally off ground in oaks and laurel) between first light and sunrise to forage. The covey departure is initiated by Assembly Calls. During foraging one individual (usually male) often acts as sentinel, sitting on a high perch and giving Contact and Aerial Alarm Calls when it observes danger.

Adults eat seeds, leaves, and flowers from grasses, shrubs, and trees. They also will consume berries and small amounts of insect food, especially when there is a limited amount of water in their habitat. They seem to require nearby cover from perennial plants while foraging on annual vegetation. Foraging is primarily on the ground, although they will occasionally climb trees and pull off berries and flowers. During foraging bouts, the covey stays together through Contact Calls.

Coveys break down during the breeding season as sexual aggression increases. Pair bonds generally form between birds from the same covey; pairs show a tendency to re-mate. The primary manifestation of courtship is courtship feeding.

Breeding

Females lead in the selection of a nest site and the building of nests. The nest is on the ground and well concealed, often in dry grass, weeds, and dead brush. Hens make the nest by lining a protected depression in the ground with grass and weed stems. Egg laying generally occurs in late April or early May. Females lay 3 eggs every 4 days. Average clutch size ranges from 11-17 eggs. Incubation starts after the entire clutch is laid, and lasts for 22-23 days. The female does all of the incu-

bating. The male acts as sentinel while his mate incubates.

Young birds hatch with eyes open, covered with down, and capable of moving around on their own. They usually leave the nest within 2 days, and trail after their parents who show them how to find food. For the first two weeks, however, the chicks are not capable of adequate temperature regulation, and the female broods them at night and in early morning to prevent chilling and overheating. A brooding female gathers chicks under her and fluffs her feathers over them.

The rate of quail reproduction is closely related to the amount of rainfall. Those years with enough rain to produce spectacular displays of wild flowers also tend to be good years for the reproduction of the quail. The rain seems to regulate the breeding of the quail by influencing the chemistry of the plants that they eat.

Food Habits

The best foraging habitat occurs in broken brush. During the first few weeks of life, chicks are vulnerable to predation and forage close to cover. Adults will forage at distances of 100 meters from cover in the absence of aerial predators. This distance will shrink to 15 meters under pressure from raptors. Coopers hawks, however, are known to hunt quail by their calls.

Feeding techniques include scratching for seeds, jumping for flowers and buds, pecking at ground, and shelling of acorns. During foraging bouts the covey stays together through Contact Calls. During the non-breeding season, quail feed twice a day, in the morning just after dawn and again in late afternoon. During storms they feed sporadically throughout the day during breaks in the storm. If frightened by a Coopers hawk, they may forgo the second feeding.

Sounds

Quail do not sing, but they have a wide array of calls that they use when alarmed, aggressive, advertising, maintaining contact with others, and assembling the covey. The Assembly Call is what we most often hear when walking through the Park. It has 3 syllables, with emphasis on the second syllable (cu-CA-cow), and is given when an individual is separated from the group or a mate, and before and during collective covey movement. The Assembly Call is usually loud and may be repeated 10 or more times.

Unmated males give the Advertisement Call early in the breeding season. This is a single syllable, (cow), similar to the final note in the Assembly Call, but with a longer duration. It is given from a high position - where the calling male stands erect, head elevated and thrown back at each note.

Males also give Aggressive Calls during the breeding season. This call is a series of syllables given with the head thrown back for each syllable. It is usually given in encounters between males during the establishment of dominance relationships. Dominant birds call more often than subordinate birds. In general, subordinate males do not call after the dominance relationship is established.

References

The Birds of North America; Calkins, J.D., Hagelin, J.C., Lott, D.F.: No. 473, 1999
The Birder's Handbook; Ehrlich, P.R., Dobkin, D.S., Wheye, D.

FROM AUDUBON CANYON RANCH

WWW.EGRET.ORG

BY BETSY STAFFORD

Creeks running, birds courting, wildflowers bursting, newts navigating.....while docents are hiking, Ranch Guides are leading, and you wonderful Chapter Hosts are greeting. It's an ACR spring in its entire flurry.

Please join us to host and hike at Bolinas Lagoon Preserve on any weekend day during our public season March 15 to July 13. There's always something new, from eggs to sibling rivalry, going on in our heronry atop Picher Canyon's redwoods and Douglas Firs. There are trails to hike, ponds to explore, picnic tables to munch over, a book store to browse through, and much more. To preview some of the wonderful spring feasts that await you, visit our new website www.egret.org and please call your chapter scheduler Shirley Carpenter at 650-343-4433.

Every spring at our Bouverie Preserve in Sonoma County, we

schedule a special Guided Nature Walk for Audubon members only. This year it is May 3rd, 9:30-1:30. Call the Bouverie office (707-938-4554) and request a special Audubon lottery form. Or you can apply for the lottery for any of our regular Saturday Guided Nature Walks, scheduled for March 22, April 5 and 19, May 10 and 17.

If you'd like to visit Bouverie without winning the lottery, please join us for our Public Work Day, Saturday March 8, 9:15-1:30. Help spruce up the Preserve - maybe by pruning, weeding, or cleaning -and celebrate your good work with a free lunch. Please call ahead so we can prepare enough food. Our Bolinas Lagoon Workday is Saturday March 2. We will have lots of different chores, good lunch, and some behind-the-scenes news of our bustling nesting season. Again, please call ahead (415-868-9244) so we can prepare your lunch.



Spring 2003 BIRDSEED SALE ORDER FORM

All Orders With Payment Must Be Received By Monday, April 14, 2003

Proceeds support local Audubon conservation programs



Check Preferred pickup location below:

Half Moon Bay ☐ Burlingame ☐ San Carlos ☐ Pacifica ☐ San Mateo ☐ Atherton ☐

		Number of Bags	Cost in \$
AUDUBON WILD BIRD MIX <i>red & white millet plus black oil sunflower</i>	20 lb @ \$11.00/bag		
Black Oil Sunflower.	25 lb@ \$12.50/bag		
White Proso Millet	25 lb@ \$11.00/bag		
Thistle	20 lb@ \$30.00		
Sunflower Chips	25 lb@ \$26.00/bag		
Total birdseed purchases (sales tax is included in all prices above)			
Tax-deductible contribution to Sequoia Audubon Society (Thank You!)			
Amount of enclosed check (payable to Sequoia Audubon Society)			

Mail check and order to:

Sequoia Audubon Society

P.O. Box 755, Millbrae, CA 94030-0755 (650) 349-1555 (Iona Luke)

Email: Moneal2000@AOL.com

Name _____

Address _____ City _____ Zip _____

Phone _____ Email _____

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Sequoia Audubon thanks the following for their generous contributions:

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Alan F. Miller
Henry Millermann
Kathi Minden
Keith Mobbs
Richard Morris
Anne G. Moser
Mrs Masako Nagumo
Mrs Frances Nelson (memory of Leroy Nelson)
Bess Nericcio
Mrs Margaret G. Neuffer
Dr. Frank Ng D.D.S.
D. Warner North
John P. Oakes
J. Ovenden
Patti J. Papeleux
Dr. & Mrs. R. H. Perry
Mr Gene E. Peterman
Dr. & Mrs. Donna L. Petersen
Gregory Pfau
Mrs Eugene N. Putney
Howard Rathlesberger
Marianna Raymond
Ms. Miriam S. Reiter
Warren Rider
Allan Ridley
Helen & Richard Rietz
Irelle S. Rose
Ms. Arianna W. Rosenbluth
Dr. & Mrs. Howard N. Rosenthal
Mr. & Ms. Rowinski
James E. Runyeon Jr.
Grace Sain
Mrs Sonia C. Sandstrom
Werner Schumann
Mr. Stephen P. Smith
Robin Smith
Nita Spangler
Ms. Antonia Spencer
Jean-Marie Spoelman
Mr Jeffrey W. Stallings
Ms. Susan Stratton
Inge Svoboda
Rita Thomen
Wes & Gen Thompson
Phyllis Thompson
Francis & Leigh Toldi
Miss Aurora Tomadoni
Dr. & Mrs. Arthur Traum
John Tyler
Heidi Ulrich
Mrs Margaret G. Utterback
Mr. & Mrs. Thomas H. Vanden Bosch
Mrs Diane M. Vedder
Norma Vite
Ms. Linda F. Wagner
Sharron L. Walker
Patricia L. Webb
Margaret Weimer (memory of Marion Lockwood)
Leslie Weinstein
Beverly J. Whiting
May-Blossom & Robert R. Wilkinson
Jumbo & Trevlyn WilliaMs.
Rosemarie Willimann
C. Hoover & F. Wilson
Allan & Julia Wofchuck
James L. Wrathall
Carol J. Yuen

Field Ornithologist's Meeting

The 28th annual meeting of the Western Field Ornithologists is to take place July 24 - 27th in Silver City, New Mexico. The meeting will be held at Western New Mexico University and hosted by the New Mexico Ornithology Society. The meeting will highlight the birds and biology of the U. S./Mexico borderlands.

Descriptions of the expected birds, speakers, social events, etc. is available at the Western Field Ornithologist website, wfo-cbrc.org or by contacting Roland Shook, the meeting coordinator at shookr@silver.wnmu.edu or calling Catherine Waters at 562-869-6718 or robcatwaters@earthlink.net. Everyone is welcome to attend this meeting which will include morning birding field trips, afternoon programs highlighting the birds of the western US/Mexico borderlands, evening social events and nightly programs. There will be a post meeting fund raising field trip into Mexico. Space is limited and there will be a lottery for this trip with no more than two people per application.

Bird Species of Special Concern

Point Reyes Bird Observatory (PRBO) Conservation Science needs funding to finish the "California Bird Species of Special Concern" book that will be published in collaboration with Western Field Ornithologists, California Dept. of Fish and Game, and many of the state's leading bird biologists.

This book identifies the state's at-risk birds most in need of help and makes specific recommendations for research, monitoring, and conservation actions that will keep them off threatened and endangered species lists. The special concern list will guide state, federal, and local governments in defining "sensitive" species and hence will help reduce negative impacts on these birds.

Contributions of any amount are welcome; \$100 or more will assure you a copy of the book. Please send contributions to: Sarah Huard, Manager of Individual Giving, PRBO, 4990 Shoreline Hwy, Stinson Beach, CA 94970. Indicate on the check that your donation is for "Bird Species of Special Concern." Email Dave Shuford <dshuford@prbo.org> for information.

SAS appreciates your tax-deductible donations which help fund the Chapter's education, conservation and ongoing activities

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Will you be there to meet them?

Come one! Come all!
**Be a greeter for a day at the
Audubon Canyon Ranch.**
It's fun and it's easy.

Hours 9:30 to 4:00
Our dates to host are:
5/3 & 4, 6/14 & 15, and 7/13.

Call Shirley Carpenter
650-343-4433
for more information and maps.

PROPOSED SLATE FOR JUNE ELECTIONS

President	Martha O'Neal Macho
Past President	Robin Smith
Vice-President	Bill Bechtell
Second Vice-President	Howard Rathlesberger
Secretary	Sue Cossins
Treasurer	Peter Grace
Directors	Peggy Bechtell
(Terms ending in 2006)	Gary Deghi



Yellow-bellied Sapsucker

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Mission Statement

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