



This Month's Program

The April 9th program will feature the MARINE MAMMAL CENTER and its work at its Marin Headlands headquarters in the Golden Gate National Recreation Area. Slides of seals and sea lions in the wild as well as of the rescue, rehabilitation and release work of the Marine Mammal Center will illustrate the program.

Meetings are held the second Thursday of the month at the San Mateo Garden Center on the Alameda at Parkside. Social get-together begins at 7:30 with the meeting and the program at 8:00. The public is invited.

Nominating Committee

President Bresler has named, and the Board has approved the formation of the 1992 Nominating Committee. Rick Johnson is chairman and will be assisted by Anne Moser and Maria Straatman.

Anyone who wishes to suggest a candidate for any office or for the Board of Directors should contact Rick (571-8533), Anne or Maria. Nominations may also be made from the floor at the Annual General Meeting in June provided that the nominee has given his or her permission.

New Reno Hotline

Birders going to Reno or the immediate vicinity now have access to a new Rare Bird Alert number. Just call 702-324-BIRD for Lahontan Audubon Society's weekly report of sightings in Reno, Sparks, Carson City, Fallon, the Lahontan Valley, Pyramid Lake or other nearby areas. It's updated every Thursday.

The new service began on November 11 and in its first six weeks had already recorded dozens of rarities, wanderers, vagrants, winter hold-overs and an unusual merganser that was variously identified as a hybrid, a melanistic hooded merganser and an Asiatic exotic.

If you call 702-324-BIRD for the latest sightings, be sure to leave your thanks when the message has run its course and gives you the "beep". The folks at Lahontan Audubon will appreciate it.

From the Editor

There are some exciting things going on at SAS. We held two planning meetings in February and March to try to define our goals and priorities for the '90s. Next month's **NEEDLES** will feature an article on the results of those meetings.



Another of the more exciting things we're involved with is our sponsorship of a **14th District Candidates' Night**. We, along with the Santa Clara Valley Audubon Society, the Committee for Green Foothills and the Peninsula Conservation Center are co-sponsoring a pre-primary candidates' night on **Wednesday, May 13 at 7:30 PM at the Menlo Park City Council Chambers**.

The fourteenth is a "new" Congressional district. Tom Campbell, whose "old" district is most equivalent to the 14th is running for Senator so none of the candidates have an established Congressional track record. Each will be asked to express their views on the environment (briefly), after which they will give their answer to written questions from the floor.

The public is invited. Admission is free on a first-come, first served basis.



Our **Audubon Adventures** program is a runaway success. We now have 62 classrooms signed up for this exciting environmental education effort. Unfortunately, only a handful have individual sponsors, so we are funding most of them from our Education Committee budget. If you want to help, either by sponsoring an existing classroom or one of your choice, please give us the details along with your check for \$30. Make sure it's clearly marked "for Audubon Adventures."



April is **Birdathon** time. Once again we ask you to get involved. Doing a "big day" is fun anytime, but it's even more rewarding if you're raising money for a favorite cause. We have a few teams lined up but we're looking for more. To sign up, call Francis Toldi (344-1919) or the office (345-3724). If you can't be an active participant, you can help by filling in the pledge form on Page 7.



We're also holding our Spring Birdseed Sale this month. We stock only the highest quality mixes and at prices lower than you'll find in the stores. (Among other things, our prices include the sales tax.) Unlike the birdseed you find in the supermarkets, these mixes are especially formulated for our western birds. With the store mixes, you can find yourself sweeping up more than the birds eat. Because of popular demand we've brought back the Western Wild Mix...only now it's called Red/White Millet Mix. You'll find the details on Page 6



The S A S Calendar

THURSDAY, APRIL 2 SAS BOARD MEETING

7:30 PM at the SAS office. ALL MEMBERS ARE WELCOME. Please call ahead to be sure there will be enough room.

THURSDAY, APRIL 9 SAS GENERAL MEETING THE MARINE MAMMAL CENTER

Learn about the rescue and rehabilitation work done by this volunteer group. Supported entirely by private contributions, they have become world famous for their pioneering techniques in treating seals and sea lions who have been victims of both man-made and natural disasters. At the San Mateo Garden Center on the Alameda at Parkside. Informal get-together at 7:30 P.M. Meeting and program begin at 8:00..

SATURDAY & SUNDAY, APRIL 11-12 PINNACLES NATIONAL MONUMENT

The Monument is located in the Gabilan Range, which forms the northeastern boundary of the Salinas Valley. With wooded 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 365-2032

FRIDAY, APRIL 11 THROUGH TUESDAY, APRIL 14 1992 WESTERN REGIONAL AUDUBON CONFERENCE PRESERVATION OF BIO-DIVERSITY

Outstanding speakers, workshops and field trips always mark this conference and this year is no exception. Early reservations are advised. If you haven't received a registration form in the mail, please contact the Audubon Western Regional Office at (916) 481-5332.

SUNDAY, APRIL 19 MINES ROAD FIELD TRIP.

An auto caravan through an isolated valley 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, rufous-crowned, sage and grasshopper sparrows are likely. Yet, despite its seeming isolation, you will never be more than an hour away from either Livermore or Interstate 5 so that you can break away and return to civilization at any time. This is an all-day trip, ending at dusk, so bring lunch and liquids. Weather is unpredictable, with temperatures in the last few years varying between 40 and 90 degrees. There are only two reliable restroom facilities and

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News From Our Ranch

DAN MURPHY

BOLINAS LAAGOON DOCENT TRAINING:

The Audubon Canyon Ranch Volunteer Council is planning its next training session. Here's your chance to become a member of our docent council which so generously shares their love for the Ranch and their knowledge of nature with the hundreds of school children who visit the Bolinas Lagoon Preserve each year.

The training session is an intensive one. The 22 classes will take place on Wednesdays between September 9 and March 3, from 9:00 AM to 2:00 PM. Our staff biologists, docents and specialists in education and natural history will provide instruction. Their goal is to provide volunteers with the background and confidence to participate in our widely acclaimed natural history program. Docents not only lead small groups of fourth and fifth grade students on Ranch visits, but provide workshops in their classrooms prior to their Ranch visit. Volunteers who complete the training program make the commitment to participate in two consecutive spring and fall school programs as well as ongoing training.

There is no question that this is one of the premier volunteer opportunities in the Bay Area. The quality of the education you will receive is excellent. The enthusiasm of continuing docents is contagious. And the euphoria of the success you experience is deeply satisfying. If you have the desire to volunteer, if you have the time for a two year commitment, and if you wish to share in the joy of being an ACR docent, call ACR at 868-9244.

Orientation and interview days are planned for May 27 and August 26. Tuition is \$75. Partial scholarships are available.

SPRING CALENDAR: Spring Wildflowers at both the Bolinas Lagoon and Bouverie Preserves on April 11 and 12, with Ray Peterson and John Petersen (\$45). Here's your chance to get up to speed on wildflower identification in one information-packed weekend.

Shorebirds All Dressed Up at the Cypress Grove Preserve and Tomales Bay with John Kelly (\$20). The little brown shorebirds so hard to identify in drab winter plumage are striking and distinctive as the nesting season nears. They are here for only a moment before they race to the Arctic, so make this your chance to glimpse some of our most beautiful birds.

Eighth Annual Downhill Hike at the Bolinas Lagoon Preserve on May 16, with Ray Peterson (\$10). How does Ray do it year after year without going uphill? You'll have to take this hike to learn for yourself.

The Ecology of Herons and Egrets at the Bolinas Lagoon Preserve on June 20 with John Kelly and Philip Lorina Greene

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News From Our Ranch

(Continued from Page Two)

(\$35). Learn much of what ACR's experts know about heron and egret local distribution, breeding ecology and conservation.

This year the annual **Get to Know the Critters Night** will be on June 24.

Butterfly Counts in Marin County on June 27 and in Sonoma County on June 28 with Ray Peterson. You get to learn how to identify butterflies and count them for five bucks! If you feel guilty just bring a friend along and send a check for ten bucks.

Natural History for Teachers at Bolinas, Cypress Grove and Bouverie Sanctuaries during the week of July 20-24 with John Kelly, John Petersen and Ray Peterson (\$175). This is the widely acclaimed annual program for elementary teachers to help them make natural history an integral part of their science programs. This course is good for college credits, counting as three semester units.

BOUVERIE GUIDED NATURE WALKS: Join a docent-led walk through the Bouverie Audubon Preserve in Sonoma. Spectacular wildflowers and singing birds will enhance the beauty of the preserve. Dates are Saturdays April 4, 11 & 25; May 9 & 23. All walks begin at 9:30 AM and end around 1:30 PM. Reservations are required for these free walks. Call (707) 938-4554 to make yours.

SO FAR AT THE RANCH: As of the end of February as many as 20 great blue herons had explored the heronry, but none had claimed nest sites. The first great egrets arrived just at the end of the month.

The bookstore is restocked with "whoopy-doopy ding-dong stuff" and ready for your visit. That's got to be good, so ask for "whoopy-doopy ding-dong stuff" by name. Maybe you'll get a copy of the recently republished children's classic, *The Blue Heron Tree*, by Edith Thatcher Hurd. On the other hand you may want to give it to someone who has been very good.

We wish a warm welcome to our new bookkeeper, Mary Ely and to our new weekend host, LaRee Holmes.

Don't Forget. April is Sequoia Audubon Month at ACR. Call Rick Baird (574-1067) to volunteer for weekend hosting.



The S A S Calendar

(Continued from Page Two)

one service station (not always open) 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 23 miles 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

SUNDAY, APRIL 26

SAN PEDRO VALLEY COUNTY PARK

This wooded park provides a variety of habitat for migrating species of forest and grassland birds. The trip will entail some walking along easy trails. The trip will begin 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 follow the signs to the park.

LEADER: JUDY SPITLER

SUNDAY, MAY 3

JASPER RIDGE BIOLOGICAL PRESERVE

Join Jasper Ridge's docents for a half day of birding in Stanford University's unique biological preserve. Birds seen on previous Sequoia Audubon field trips include western tanagers, blue-gray gnatcatchers, five species of flycatchers and wood ducks. (43 of them were seen on this year's Christmas Count.) We will meet at the Jasper Ridge Main Gate (not the Whiskey Hill Gate) at 8:00 AM. **Be prompt as the gate will be open only from 7:45 to 8:05 AM.** From I-280 take the Sandhill Road exit west about two 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, no children under the age of 14. The size of the group is limited, so please call the office (345-3724) to reserve your space on this reservations-only field trip. If you need additional information, call the leader.

LEADER: LOUISE FLETCHER 591-6804

THURSDAY, MAY 7

SAS BOARD MEETING

7:30 PM at the SAS office. ALL MEMBERS ARE WELCOME. Please call ahead to be sure there will be enough room.

SATURDAY, MAY 9 THROUGH SUNDAY, MAY 17 SOUTHEASTERN ARIZONA

A week-long share-the-expenses trip through Southeastern Arizona's major birding spots - Ramsey Canyon, Madera Canyon, Patagonia - seeking those Mexican immigrants at their northernmost invasion. This is a reservations only trip. Call the leader for full details and to make your reservation.

LEADER: DAN KELLER 365-2032

THURSDAY, MAY 14

SAS GENERAL MEETING

PROGRAM TO BE ANNOUNCED

Watch next month's **NEEDLES** for details. At the San Mateo Garden Center on the Alameda at Parkside. Informal get-together at 7:30 P.M. Meeting and program begin at 8:00.

1991 CHRISTMAS COUNT RESULTS

SPECIES	CS	AN	SPECIES	CS	AN	SPECIES	CS	AN
Red-throated Loon	69	22	Northern Harrier	21	14	Glaucous Gull*	0	1
Pacific Loon	186	129	Sharp-shinned Hawk	11	13	Black-legged Kittiwake *	3	32
Common Loon	44	17	Cooper's Hawk	9	3	GULL SPECIES	1428	265
Pied-billed Grebe	73	24	Red-shouldered Hawk	21	15	Forster's Tern	37	1
Horned Grebe	56	2	Broad-winged Hawk	0	1	Common Murre	611	610
Red-necked Grebe *	1	1	Red-tailed Hawk	92	51	Marbled Murrelet	21	12
Fared Grebe	17	4	Ferruginous Hawk*	0	1	Ancient Murrelet	4	2
Western Grebe	463	53	Rough-legged Hawk *	0	1	Cassin's Auklet	12	5
Clark's Grebe	62	4	Golden Eagle *	2	0	Rhinoceros Auklet	20	16
Northern Fulmar *	1	2	American Kestrel	46	27	Rock Dove	1250	168
Sooty Shearwater	0	1	Merlin *	4	4	Band-tailed Pigeon	94	46
Sooty/S.T. Shearwater	1	5	Peregrine Falcon *	3	2	Mourning Dove	742	310
Black-vented Shearwater	0	2	California Quail	384	522	Barn Owl	4	1
Fork-tailed Storm-petrel	0	2	Virginia Rail	3	1	Western Screech-Owl	7	3
Brown Pelican	93	1796	Sora	1	7	Great Horned Owl	22	8
Double-crested Cormorant	123	52	American Coot	2100	517	Northern Pygmy-Owl	9	7
Brandt's Cormorant	356	258	Black-bellied Plover	424	234	Burrowing Owl	1	0
Pelagic Cormorant	269	169	Lesser Golden-Plover	0	1	Long-lared Owl	1	0
Great Blue Heron	24	12	Snowy Plover	0	4	Short-eared Owl	1	1
Great Egret	21	4	Semipalmated Plover	18	0	Northern Saw-whet Owl	2	2
Snowy Egret	69	20	Killdeer	268	382	White-throated Swift	11	0
Cattle Egret *	1	0	Black Oystercatcher	4	35	Anna's Hummingbird	245	29
Green-backed Heron	0	1	Black-necked Stilt	72	0	Belted Kingfisher	41	8
Black-crowned Night Heron	43	3	American Avocet	687	0	Acorn Woodpecker	9	32
Greater W.F. Goose	0	7	Greater Yellowlegs	22	11	Red-naped Sapsucker*	0	1
Snow Goose	0	1	Willet	2366	119	Red-naped/Red-breasted hybrid	0	1
Ross' Goose	1	0	Wandering Tattler	1	4	Red-breasted Sapsucker	8	6
Brant	9	13	Spotted Sandpiper	5	12	Nuttall's Woodpecker	5	0
Canada Goose	300	0	Whimbrel	25	18	Downy Woodpecker	26	19
Wood Duck *	0	5	Long-billed Curlew	140	3	Hairy Woodpecker	11	10
Green-winged Teal	331	96	Marbled Godwit	1086	61	Northern Flicker	135	115
Mallard	878	45	Ruddy Turnstone	11	10	Pileated Woodpecker *	0	1
Northern Pintail	613	69	Black Turnstone	45	128	Black Phoebe	63	48
Cinnamon Teal	5	12	Surfbird	22	149	Say's Phoebe	3	7
Northern Shoveler	127	58	Red Knot	45	1	Horned Lark	14	0
Gadwall	252	5	Sanderling	331	396	Tree Swallow *	0	35
Eurasian Widgeon *	4	0	Western Sandpiper	2395	3	Violet-green Swallow *	0	6
American Widgeon	740	36	Least Sandpiper	274	15	Steller's Jay	116	153
Canvasback	462	28	Rock Sandpiper *	1	1	Scrub Jay	319	80
Ring-necked Duck	147	40	Dunlin	1682	7	American Crow	7	1
Greater Scaup	9082	3	Short-billed Dowitcher	8796	0	Common Raven	56	57
Lesser Scaup	2182	0	Long-billed Dowitcher	88	32	Chestnut-backed Chickadee	632	733
Harlequin Duck *	0	2	Common Snipe	18	13	Plain Titmouse	26	1
Black Scoter *	4	14	Red Phalarope*	0	8	Bushtit	971	183
Surf Scoter	7234	339	Pomarine Jaeger *	3	2	Red-breasted Nuthatch	3	4
White-winged Scoter	37	20	Bonaparte's Gull	3	2	White-breasted Nuthatch	9	0
Common Goldeneye	749	42	Heermann's Gull	2	48	Pygmy Nuthatch	54	67
Barrow's Goldeneye *	23	0	Mew Gull	778	373	Brown Creeper	14	29
Bufflehead	830	72	Ring-billed Gull	1464	6	Bewick's Wren	62	45
Hooded Merganser	20	0	California Gull	7127	408	House Wren *	4	2
Red-breasted Merganser	71	30	Herring Gull	251	67	Winter Wren	9	26
Ruddy Duck	1441	221	Thayer's Gull	12	3	Marsh Wren	11	9
Turkey Vulture	43	20	Western Gull	4505	3030	American Dipper	0	1
Black-shouldered Kite	15	9	Glaucous-winged Gull	1077	125	Golden-crowned Kinglet	8	29

1991 CHRISTMAS COUNT RESULTS

SPECIES	CS	AN	SPECIES	CS	AN	SPECIES	CS	AN
Ruby-crowned Kinglet	250	203	Yellow Warbler*	0	1	White-throated Sparrow *	4	8
Western Bluebird	13	29	Yellow-rumped Warbler	107	397	Golden-crowned Sparrow	1571	1080
Hermit Thrush	121	74	Audubon's	337	51	White-crowned Sparrow	869	755
American Robin	880	237	Myrtle	39	7	Dark-eyed Junco	465	306
Varied Thrush	135	139	Townsend's Warbler	72	123	Red-winged Blackbird	552	1184
Wrentit	120	131	Hermit Warbler *	1	5	Tricolored Blackbird	112	1337
Northern Mockingbird	31	2	Palm Warbler	1	0	Western Meadowlark	220	223
California Thrasher	6	0	Black and White Warbler	0	1	Brewer's Blackbird	2320	1839
American Pipit	46	113	Common Yellowthroat	42	19	Brown-headed Cowbird	12	7
Cedar Waxwing	334	8	Rufous-sided Towhee	85	26	Purple Finch	30	41
Loggerhead Shrike	3	5	California Towhee	272	119	House Finch	1068	208
European Starling	3052	3221	American Tree Sparrow*	0	1	Pine Siskin	107	15
Solitary Vireo*	0	2	Savannah Sparrow	127	19	Lesser Goldfinch	21	200
Hutton's Vireo	25	14	Fox Sparrow	140	118	American Goldfinch	145	14
Warbling Vireo*	0	1	Song Sparrow	227	238	Evening Grosbeak *	0	15
Orange-crowned Warbler	16	9	Lincoln's Sparrow	40	58	House Sparrow	198	38
Nashville Warbler *	0	1	Swamp Sparrow*	2	4			

CRYSTAL SPRINGS COUNT

**181 Species
85676 Birds**

December 21, 1991 56 Observers

ANO NUEVO COUNT

**188 Species
26534 Birds**

December 28, 1991 26 Observers

OBSERVERS

Both Counts

Rick Baird
Al DeMartini
Janet Duerr
Grant Hoyt
Rick Johnson

Don Keller
Andy Kratter
Cliff Richer
Barry Sauppe
Steve Schafer
Robin Smith

Judy Spitler
Barbara Stevenson
Steve Stone
Maria Straatman
Ron Thorne

**Compiler &
Observer
Both Counts**

Dan Keller

Crystal Springs Count

Valerie Baldwin
Bill Benesh
Chris Benesh
John Boring
Mary Bressler
Nick Coiro
Gary Deghi
Edwin Duerr
Alan Eisner
Leslie Flint
Leslie Grella
Ed Gustafson

Pat Hartnett
Shirley Higuera
Karen Hoyt
David Keller
Rosalie Lefkowitz
Ray Loughman
Iona Luke
Claudette Maccan
Genevieve Miller
Anne Moser
Kristie Nelson

Donna Petersen
David Powell
Grace Sain
Carol Scott
Bob Seehorn
Cheryl Seehorn
Rich Stallcup
Bettina Toft
Francis Toldi
Brian Voll
Gil West
Al Wofchuk

Ano Nuevo Count

Nat Bowditch
D. Loud
Frances Martin

Fred Martin
Janet Murphy
Pete Popin

Paul Reilly
Robin Roche
Robert Ulvang

SPRING 1992 SAS BIRDSEED SALE --- ORDER FORM

Please check preferred pickup location:

- ☐ San Bruno 4/23 - 4/24 By arrgt. ☐ Belmont 4/23, 4/24 5-8 pm.
☐ Burlingame.. 4/23, 6:00-8 pm; 4/25 10 am-2 pm. ☐ Half Moon Bay 4/24 - 4/25 By arrgt.
☐ Pacifica 4/23, 4 - 5:30 pm; 4/25, 11 am-1 pm. ☐ Atherton 4/24, 7 - 8:30 pm, 4/25 By arrgt.
☐ San Mateo 4/23, 4/24, 9 am-noon, By arrgt.

		# BAGS	\$-COST-\$
AUDUBON WILD BIRD MIX	50 lb @ \$ 17.00/bag		
red & white millet plus black oil sunflower	20 lb @ \$ 9.00/bag		
RED/WHITE MILLET MIX	50 lb @ \$ 16.00/bag		
(prev called "western wild")	20 lb @ \$ 8.00/bag		
BLACK OIL SUNFLOWER.....	50 lb @ \$ 25.00/bag		
	25 lb @ \$ 14.00 bag		
WHITE PROSO MILLET	50 lb @ \$ 13.00/bag		
	25 lb @ \$ 8.00/bag		
THISTLE	25 lb @ \$ 44.00/bag		
	5 lb @ \$ 11.00/bag		
COCKATIEL SUPER	5 lb @ \$ 4.35/bag		
PARAKEET SUPER	5 lb @ \$ 4.00/bag		
PARROT SUPER	5 lb @ \$ 7.50/bag		
***** SALES TAX IS INCLUDED IN ALL PRICES ABOVE *****			
Contributions to Sequoia Audubon (tax deductible)			
TOTAL			

- ☐ I am interested in other types of seed/supplies ☐ Might be willing to help in future seed sales
 Name _____ Home Phone: _____
 Address _____ Work Phone (optional): _____
 City _____ Zip: _____

Your confirming letter will enclose maps to all pickup locations, with phone numbers, and any updates.

FINAL DATE FOR RECEIPT OF ORDER AND YOUR CHECK IN THE OFFICE -- APRIL 13, 1992

Breeding Bird Atlas Begins Second Year

FRANCIS TOLDI

The San Mateo County Breeding Bird Atlas (SMCBBA) is now beginning its second year. The Breeding Bird Atlas, when completed, will consist of a set of maps showing the distribution of breeding birds in San Mateo County. This visual data base is an extremely valuable resource for land use planners, conservation groups, biologists, local government and interested individuals. The SMCBBA is an essential link in the nearly completed series of breeding bird atlases for the entire central coast region, extending from San Luis Obispo to Sonoma counties.

The first year of the San Mateo project was a tremendous success. Fourteen atlasers covering 25 atlas blocks confirmed county nesting for 103 species and identified possible or probable nesting for an additional 20 species. Among the confirmed breeding highlights were marbled murrelet, hermit warbler,

pileated woodpecker and golden-crowned kinglet from the red-wood forests in the southern part of the county; and great blue heron, snowy egret, black-necked stilt and green-backed heron from our vanishing wetlands; saw-whet owl, Cooper's hawk and northern oriole from mixed woodlands; and hooded oriole from our urban yards. Among the possible breeding birds for which further confirmation is necessary are varied thrush, spotted sandpiper, Vaux's swift, horned lark and common poorwill.

A significant amount of work remains. We still need volunteers for a variety of tasks, both simple and complex, both casual and time-consuming. There are a number of uncensused atlas blocks that need to be surveyed. Many of our atlasers could use assistance. Volunteers are needed to compile information.

Even if you can't undertake a full atlas block, you can help by sending in breeding bird records from your own yard and neighborhood. All breeding birds are important to this project, not just the rare and hard-to-find ones. You don't need to see birds feeding their nestlings or fledging them to confirm breeding. Simply keep track of any birds in the county that are engaged in

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BIRDATHON'92!!!!

BIRDATHON'92!!!!

The BIRDATHON is - after the Christmas Count - the largest participation event sponsored by the National Audubon Society. A number of teams of Sequoia Audubon Society birders will embark on this year's BIRDATHON fund-raiser. 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:

30 West 39th Avenue,
San Mateo, CA 94403

All honored pledges are tax-deductible.

☐ **YES**, I wish to join in.
I will sign up pledges and conduct my Birdathon on _____

☐ **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
least
100 or 150 different birds being identified.

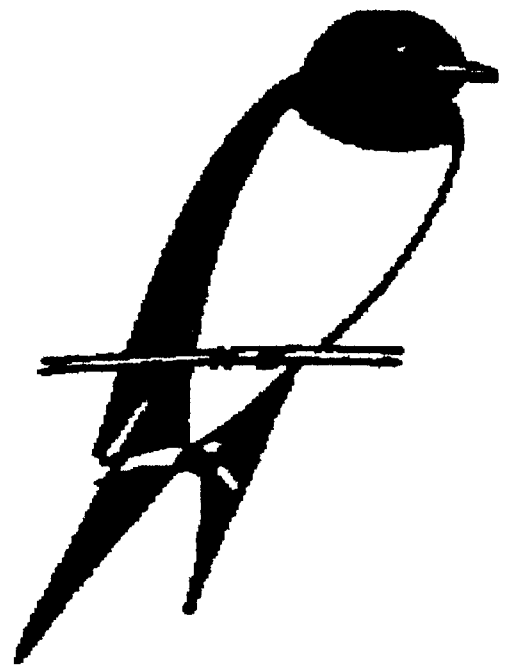
My check for \$_____ is enclosed.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

TELEPHONE _____



BREEDING BIRD ATLAS

(Continued from Page Six)

breeding-related activity, such as nest-building (carrying bits of nesting material), sitting on a nest, feeding their young and the like. Record the information, noting your name, address and phone number, species observed, date, location (address or other specific landmark, if possible) and type of breeding activity; and mail it to the Sequoia Audubon office. All records are helpful in rounding out the data base.

Sequoia Audubon Society

We are particularly interested in any breeding information on the following species: any owls or raptors; belted kingfisher, red-breasted nuthatch, chipping sparrow and American crow. If you detect any breeding-related activity for these species, record and submit the information as above, but **call** the office (345-3724) as soon as possible. Every observer and every bit of information is needed.

"Nothing is more dangerous than an idea, when it's the only one we have."
---Emile Auguste Chartier

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