



sequoia needles

Bulletin of the Sequoia Audubon Society
San Mateo County Volume 41, No. 1
September, 1992



This Month's Program

Hawk Migration Allen Fish

Allen Fish, coordinator of the Golden Gate Raptor Observatory, will give our September program. He will present a slide program on "The Mysteries and Ecology of Golden Gate Raptor Migration."

Mr. Fish, a San Mateo County native, has a deep interest in raptors, and has been involved in raptor rehabilitation, banding, research, and conservation. His job as raptor coordinator has allowed him to be involved with raptors and also to encourage the public to become aware of our raptors. He will discuss some ecological aspects of hawk migrations. In particular, he will tell us about migration in the San Francisco Bay Area, as noted by the numerous volunteer 'hawk watchers' who work with the observatory at the Marin headlands and elsewhere in the Bay Area.

Come and hear about and see pictures of these magnificent birds, currently migrating through our area. Hear why and how to get involved in observing raptors and raptor behavior in the Bay Area. You'll also find excerpts from the GGRO's excellent *Raptor Report* in this month's and subsequent **NEEDLES**.

Next Month's Program

Beth
Dunbar:



"African
Birds and
Critters"

See next month's **NEEDLES** for full details.

Bayside Cleanup Day 9:00 AM, Saturday, September 19

Sue Hillard will once again head up our Coastal Week Celebrations. We will follow up last year's highly successful effort with an all-out attack on the shores of Belmont Slough. To get to the meeting place take Hwy. 1 to the Marine World Parkway Exit. Take a left at the first traffic light on the Parkway and then the first left into the parking lot. See Page Two for details.

Sequoia Audubon Society



From Your President

ANNE MOSER

I do hope you have had a good summer; hopefully an opportunity to see new birds, new places or renew old friendships. (In order to satisfy my vacation schedule and meet the **NEEDLES** deadline, I'm writing this on July 4th!)

In our summer meetings your Board concentrated on five areas identified as top priorities during our spring Pigeon Point retreat.

CONSERVATION has an active committee headed by Bob Wilkinson. They will be concentrating on the Endangered Species Act, as well as bringing other conservation issues to our attention as they arise.

MEMBERSHIP: A group is only as strong as its members. We will contact lapsed members and welcome new members. "Member Friendly" is our slogan.

EDUCATION Chairperson Robin Smith is working on a possible grant to provide Audubon Adventures to more classrooms. The committee is also investigating the feasibility of sponsoring Environmental Workshops for teachers and distributing endangered species information to classrooms.

BIRDING: Judy Spittler has held her Field Trip Meeting and the new field trip schedule can be found on Page Two. We hope to hold "expert" workshops and seminars on specific bird groups. We'd like to hear from you on the possibility of scheduling these at 7:30 just before the monthly meeting. The Annual Wild Goose Chase, the Christmas Counts and the Birdathon will continue. We hope to re-activate the monthly "Bird Observations" column and the Field Trip Reports.

FUNDRAISING: Mary Bressler is masterminding three bird seed sales this year, the first in October. We are adding tide tables to the list of items on sale at the office. These are a great, inexpensive little gift for rail watchers and shorebirders. Get one for a friend or for yourself. Remember that bequests to Sequoia and personal or memorial gifts are a perpetual benefit to the chapter and to the environment.

HELP WANTED: We still have a number of vital positions to fill. These give you an opportunity to contribute to *our* chapter in a very real way. The office of **Treasurer** is a top priority. Fred McElhany has graciously agreed to continue in that capacity until we find a replacement. He has also offered to train his replacement. For more information - or to volunteer - call Rick Johnson at 571-8533.



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THE S.A.S. CALENDAR

THURSDAY, SEPTEMBER 3

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, SEPTEMBER 10

SAS GENERAL MEETING

HAWK MOUNTAIN WEST - THE MARIN HEADLANDS

Alan Fish, Executive Director of the Golden Gate Raptor Observatory will present an illustrated program on the work of the Observatory in the Golden Gate Natural Recreation Area. The observations from "Bunker Hill" atop the Marin Headlands have become increasingly important to ornithologists and raptor specialists over the last ten years. Alan will tell us why and give us an opportunity to join him in this valuable work. At the San Mateo Garden Center on the Alameda at Parkside. Socialization and refreshments at 7:30 PM. Meeting begins at 8:00.



SUNDAY, SEPTEMBER 13

FIELD TRIP TO POINT REYES

A search through the "warbler traps" of Point Reyes can yield almost anything at this time of year. We'll be looking for inland and eastern vagrants but can expect migrants and some early arriving winter residents as well. Walking will be minimal but sturdy shoes are recommended. Clothing should be layered since the weather on Pt. Reyes is extremely changeable. Fall is normally the most pleasant time of year on Point Reyes but remember that it has the coolest average summer temperature in the continental US. We will meet at the Point Reyes National Seashore Headquarters building at 9:00 AM. The trip will take place rain or shine. Bring lunch. The trip normally lasts until 2 PM.

LEADER: CLIFF RICHER 355-4058

FRIDAY, SEPT. 18 THROUGH SUNDAY, SEPT. 20.

WESTERN FIELD ORNITHOLOGISTS MEETING

The 17th annual meeting of the Western Field Ornithologists, will be held in Sunnyvale and Alviso, hosted by the San Francisco Bay Observatory (SFBBO). This event features outstanding field trips, speakers and the annual banquet. Expert birders will lead pelagic trips, a San Mateo County coast trip (Dan Keller), a hawk watch (Allen Fish), and daily bird banding sessions. For registration and full information, contact SFBBO, PO Box 247, Alviso, CA 95002 (408-946-6548).

SATURDAY, SEPTEMBER 19 BAYSIDE CLEANUP

SAS will participate in the state-wide Coast Week activities by cleaning up the shores of Belmont Slough. This year's project should be less strenuous (but no less needed) than last year's Redwood Shores project. Be sure to wear old clothes, old shoes or waterproof boots and bring sturdy work gloves. Meet at the

1992-1993 FIELD TRIP SCHEDULE

SEPTEMBER

Sunday 13	Point Reyes	Cliff Richer
Saturday 19	Beach Cleanup	Sue Hillard
Sunday 27	Hawk Watch- Marin Headlands	Judy Spitler

OCTOBER

Saturday 10	Beginners' Trip-Mntnview Forebay	Francis Toldi
Sunday 18	Phipps Ranch & Pescadero	Dan Keller
Wednesday 21	Coyote Point	Nick Coiro

NOVEMBER

Saturday 7	Foster City Shoreline	Francis Toldi
Tuesday 17	Redwood Shores	Nick Coiro
Sunday 22	Princeton Harbor	Dan Keller

DECEMBER

Wednesday 2	Golden Gate Park-Chain of Lakes	
	Nick Coiro & Linda Kypta	
Sunday 6	Princeton Harbor	Dan Keller
Saturday 12	Foster City	Nick Coiro
Saturday 19	Crystal Springs Christmas Count	
Saturday 26	Ano Nuevo Christmas Count	

JANUARY

Wednesday 5	Foster City	Nick Coiro
Saturday 16 & Sunday 17	Carrizo Plains	Francis Toldi
Sunday 24	Pacifica - Sharp Park Shoreline	Judy Spitler
Saturday 30	Grizzly Island	To be announced

FEBRUARY

Sunday 7	Altamont Pass	Nick Coiro and Linda Kypta
Wednesday 10	Princeton Harbor	Nick Coiro
Presidents' Day Weekend	Tule Lake to Ash Creek	Cliff Richer
Saturday 20	Beginners' Trip to the Palo Alto Baylands	Francis Toldi

MARCH

Saturday 6	Foster City by Bicycle	Nick Coiro and Linda Kypta
Wednesday 10	Stern Grove	Linda Kypta
Saturday 20	Ano Nuevo	To be announced

APRIL

Sunday 4	Pescadero Marsh	John and Nina Padley
Sunday 11	Edgewood County Park	Dan Keller
Sunday 18	Mines Road	Cliff Richer
Saturday 24	Jasper Ridge	Louise Fletcher

MAY

Sunday 2	Beginners' Trip - Landbirds - Local	Francis Toldi
Wednesday 5	Hayward Shoreline	John and Nina Padley
Sunday 16	San Pedro County Park	Judy Spitler
Memorial Day Weekend	Mono Lake	Cliff Richer

JUNE

Sunday 6	Gazos Creek	To be announced
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(Continued on Page Three)



News From Your Ranch

Dan Murphy

LAST SEASON AT THE BOLINAS LAGOON PRESERVE:

Another great season has ended at our Bolinas Lagoon Preserve. Our most important visitors, of course, were the herons and egrets. Nine great blue heron pairs, 94 great egret couples and a single snowy egret nest composed the heronry this year. The parking lot was visited each night of the season by a gray fox and a bobcat, each of which left its mark in what seemed an unending and messy territorial dispute. Red-winged blackbirds, cliff swallows and band-tailed pigeons were among our more obvious visitors. The blackbirds and pigeons will probably stay throughout the year, but the swallows will join millions of others in Central and South America.

On the people side, our visitors included 3,289 students from 131 classes. Of these, 60 classes were granted transportation scholarships by Bank of America so they could afford to get to the Ranch.

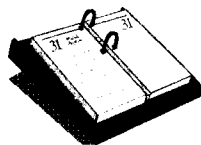
Visitors aren't the only story at the Bolinas Preserve. Our native grassland restoration project continues its successful projects. Volunteer Tony Paz and Ranch biologist Ray Petersen have prepared educational material on local ticks. Their research has led them to a possible connection between wood rats and Lyme disease, a line that will be pursued during the coming year.

CYPRESS GROVE COMES INTO ITS OWN: ACR was granted controlling interest in the Cypress Grove Preserve by our benefactor **Clifford Conly** at our August Board of Directors meeting held at the preserve. Clifford's house, which will one day serve as a conference center has been named in his honor. If you know anything of Cypress Grove or Tomales Bay, you know the importance of this gift. Because of it, ACR has moved to purchase and protect other properties along the shore of the bay. Without ACR it is doubtful that this critical estuary would be preserved and its environmental quality monitored as it is now. Our thanks go out to Clifford for his very generous and significant gift.

RESEARCH AT CYPRESS GROVE: The Preserve is home to much of ACR's research. John Kelly directs and consults on many projects ranging from native prairie restoration to aquaculture monitoring. We assess populations of migrating shorebirds, wintering waterfowl and nesting heron and egret colonies. We work to protect endangered plants and to monitor human impacts on harbor seals. The population of shorebirds dropped at the south end of Tomales Bay last December, and in mid-February there was a dramatic **crash** in their population. Bolinas Lagoon's small sandpipers disappeared too. The complete shift of shorebird population away from Tomales and Bolinas was unprecedented. We need to learn why this happened and its implications.

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Sequoia Audubon Society



The S A S Calendar

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parking lot just off the intersection of Marine World Parkway and Island Parkway. To get there take Hwy. 1 to the Marine World Parkway Exit. Take a left at the first traffic light on the Parkway and then the first left into the parking lot. (Look for the dumpster.) Clean up starts at 9:00 AM and is expected to continue until mid-afternoon. Food will be provided but bring your own liquids. Call the Beach Captain for details.

BEACH CAPTAIN: SUE HILLARD 595-8954

SUNDAY, SEPTEMBER 27

HAWK-WATCH ON THE MARIN HEADLANDS

Need practice in telling sharp-shinned from Cooper's hawks? Want an opportunity to see a migrating broad-winged hawk? Then join us for this morning of hawk-watching on the Marin Headlands. Because of the lack of parking at the Headlands we'll meet at 8:15 AM behind Long's Drugs in the parking lot at Serremonte Shopping Center. From there we'll carpool to Bunker Hill. We'll plan on having our lunch there and breaking up shortly thereafter.

LEADER JUDY SPITLER 355-9362

THURSDAY, OCTOBER 1

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.

SUNDAY, OCTOBER 4

GOLDEN GATE AUDUBON 75TH BIRTHDAY PARTY

Festivities begin at 6:30 PM in Conference Room A-1 in Building A at Fort Mason in San Francisco. Beverages and hors d'oeuvres will be provided. The keynote speaker is Dr. Paul Ehrlich. NAS President Peter Berle will be in attendance. Admission \$15. Call the GGAS office at 510-843-2222 or Steve Margolin at 434-4262 (extension 6005) to make reservations or for more information.

THURSDAY, OCTOBER 8

SAS GENERAL MEETING

BETH DUNBAR: AFRICAN BIRDS AND CRITTERS.

See next month's NEEDLES for details. At the San Mateo Garden Center on the Alameda at Parkside. Socialization and refreshments at 7:30 PM. Meeting begins at 8:00.

SATURDAY, OCTOBER 10

BEGINNERS TRIP TO MOUNTAIN VIEW FOREBAY

Those frustrating little brown shorebirds will be the focus of this beginners' trip. Concentration will be on identifying the basic birds you need to know before you can get into identifying the more exotic visitors. This will follow our beginners trip format of a relatively short field trip followed by a discussion session of what we saw - or any other topic of interest to the participants.

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Page Three

BIRDATHON '92

THE RECORD SETTERS

SPECIES	C	M	WHERE SEEN	SPECIES	C	M	WHERE SEEN	SPECIES	C	M	WHERE SEEN
LOON, RED-THROATED			Pigeon Point	SANDPIPER, SPOTTED			Pebble Beach	SWALLOW, BANK			Gazos Crk. Mouth/P'dero Marsh
LOON, PACIFIC			Pigeon Point	WHIMBREL			Gazos Crk. Mouth/Pigeon Pt.	SWALLOW, CLIFF			Mines Road/Lake Lucerne
LOON, COMMON			Gazos Crk. Mouth/Pigeon Pt.	CURLEW, LONG-BILLED			Mountainview/Redwood Shrs.	SWALLOW, BARN			Mines Road/P'dero Marsh
GREBE, PIE-BILLED			San Antonio Vly./Verde Road	GODWIT, MARBLED			Gazos Crk. Mouth/Pigeon Pt.	JAY, STELLAR'S			Butano SP/Gazos Crk. Rd.
GREBE, HORNED			P'dero Marsh/Pigeon Pt.	TURNSTONE, RUDDY			Pebble Beach	JAY, SCRUB			Mines Rd/Gazos Crk. Rd.
GREBE, EARED			Mountainview/Pigeon Pt.	TURNSTONE, BLACK			Pigeon Point/Pebble Beach	MAGPIE, YELLOW-BILLED			Mines Road/Livermore
GREBE, WESTERN			Gazos Crk. Mouth/Pigeon Pt.	SURFBIRD			Pebble Beach	CROW, AMERICAN			Del Puerto Cyn/Charleston Slough
GREBE, CLARK'S			Pigeon Point	KNOT, RED			Foster City	RAVEN, COMMON			Mines Rd/Gazos Creek Rd.
SHEARWATER, PINK-FOOTED			Pigeon Point	SANDERLING			Pigeon Pt./P'dero Marsh	CHICKADEE, CHESTNUT-BACKED			Butano SP
SHEARWATER, BULLER'S			Pigeon Point	SANDPIPER, WESTERN			Pescadero Marsh	TITMOUSE, PLAIN			Mines Road
SHEARWATER, SOOTY			Pigeon Point	SANDPIPER, LEAST			Pescadero Marsh	BUSHTIT			Mines Rd/Gazos Creek Rd.
SHEARWATER, BLACK-VENTED			Pigeon Point	DUNLIN			Pescadero Marsh	NUTHATCH, RED-BREADED			Butano SP
PELICAN, BROWN			Gazos Crk. Mouth/Pigeon Pt.	DOWITCHER, SHORT-BILLED			Palo Alto FCB/P'dero Marsh	NUTHATCH, WHITE-BREADED			Mines Road
CORMORANT, DOUBLE-CRESTED			P'dero Marsh/Pigeon Pt.	DOWITCHER, LONG-BILLED			Palo Alto FCB/P'dero Marsh	NUTHATCH, PYGMY			Gazos Creek Road
CORMORANT, BRANDT'S			Pigeon Point	SNIFE, COMMON			Mountainview	REEPER, BROWN			Gazos Creek Road
CORMORANT, PELAGIC			Pigeon Point	PHALAROPE, RED-NECKED			Pescadero Marsh	WREN, ROCK			Mines Road
HERON, GREAT BLUE			Pescadero Marsh	PHALAROPE, RED			Pigeon Point	WREN, CANYON			Mines Road/Del Puerto Cyn
EGRET, GREAT			Pescadero Marsh	JAEGER, POMARINE			Pigeon Point	WREN, BEWICK'S			Mines Rd/Butano SP
EGRET, SNOWY			Pescadero Marsh	JAEGER, PARASITIC			Pescadero Coast	WREN, HOUSE			Mines Road
HERON, GREEN-BACKED			San Antonio Valley	JAEGER, Species			Pigeon Point	WREN, WINTER			Gazos Creek Road
NIGHT-HERON, BLACK-CROWNED			Palo Alto FCB/Redwood Shrs.	GULL, BONAPARTE'S			Gazos Crk. Mouth/Pigeon Pt.	WREN, MARSH			Pescadero Marsh
IBIS, WHITE FACED			Mountainview Forebay	GULL, HEERMANN'S			Pigeon Point	KINGLET, GOLDEN-CROWNED			Butano SP/Gazos Crk. Rd.
GOOSE, SNOW			Pescadero Marsh	GULL, MEW			Pigeon Point	KINGLET, RUBY-CROWNED			Gazos Creek Rd./Mines Road
GOOSE, ROSS'			HMB Golf Course	GULL, RING-BILLED			Pigeon Point/Foster City	BLUEBIRD, WESTERN			Mines Road
BRANT			Gazos Crk. Mouth/Pigeon Pt.	GULL, CALIFORNIA			Pigeon Point	THRUSH, SWAINSON'S			Mines Rd/Pescadero Rd
GOOSE, CANADA			Palo Alto FCB/Redwood Shrs.	GULL, HERRING			Pigeon Point	THRUSH, HERMIT			Butano SP
DUCK, WOOD			San Antonio Valley	GULL, THAYER'S			Pigeon Point	ROBIN, AMERICAN			Mines Rd/Gazos Creek d.
TEAL, GREEN-WINGED			Pescadero Marsh	GULL, WESTERN			Pigeon Point	THRUSH, VARIED			Butano SP
MALLARD			Mines Rd/Lake Lucerne	GULL, GLAUCOUS-WINGED			Pigeon Point	WRENTIT			Mines Rd/Gazos Creek Rd.
PINTAIL, NORTHERN			Pescadero Marsh	KITTIWAKE, BLACK-LEGGED			Pigeon Point	MOCKINGBIRD, NORTHERN			Mines Rd/Foster City
TEAL, CINNAMON			Lake Lucerne/P'dero Marsh	TERN, CASPIAN			Pescadero Marsh	THRASHER, CALIFORNIA			Mines Road
SHOVELER, NORTHERN			Pescadero Marsh	TERN, COMMON			Pebble Beach	PIBIT, AMERICAN			Mines Road
GADWALL			San Antonio Vly./P'dero Marsh	TERN, FORSTER'S			Pigeon Point	WAXWING, CEDAR			Mines Road/Foster City
WIGEON, AMERICAN			Mountainview/Redwood Shrs.	TERN, LEAST			Mountainview Forebay	PHAINOPELA			Mines Road
CANYASBACK			P'dero Marsh/Redwood Shrs.	MURRE, COMMON			Pigeon Point	SHRIKE, LOGGERHEAD			Mines Road
DUCK, RING-NECKED			San Antonio Vly./P'dero Marsh	GUILLEMOT, PIGEON			Pigeon Point	STARLING, EUROPEAN			Mines Rd/Gazos Creek Rd.
SCAUP, GREATER			Mountainview/Foster City	MURRELET, MARBLED			Pigeon Point	VIREO, SOLITARY			Mines Road
SCAUP, LESSER			Mountainview/Foster City	AUKLET, CASSIN'S			Pigeon Point	VIREO, HUTTON'S			Gazos Crk. Rd./Butano SP
DUCK, HARLEQUIN			Pigeon Point	AUKLET, RHINOCEROS			Pigeon Point	VIREO, WARBLING			Mines Rd/Gazos Creek Rd.
SCOTER, BLACK			Gazos Crk. Mouth/Pigeon Pt.	PUFFIN, TUFTED			Pigeon Point	WARBLER, ORANGE-CROWNED			Mines Rd/Pescadero Rd
SCOTER, WHITE-WINGED			Pigeon Point	DOVE, ROCK			Mines Road/Pigeon Point	WARBLER, YELLOW			Gazos Crk. Rd./Lake Lucerne
SCOTER, SURF			Gazos Crk. Mouth/Pigeon Pt.	PIGEON, BAND-TAILED			Gazos Creek Road	WARBLER, YELLOW-RUMPED			Mines Rd/Del Puerto Cyn
GOLDENEYE, COMMON			Pigeon Pt./Pescadero Marsh	DOVE, MOORNING			Mines Road/Gazos Creek Rd.	WARBLER, MACGILLIVRAY'S			Gazos Creek Road
BUFFLEHEAD			Pescadero Marsh	OWL, BARN			Corral Hollow Rd./El Granada	YELLOWTHROAT, COMMON			P'dero Marsh/Lake Lucerne
MERGANSER, RED-BREADED			Gazos Crk. Mouth/Pigeon Pt.	SCREECH-OWL, WESTERN			Butano State Park/Del Puerto Cyn	WARBLER, WILSON'S			Mines Rd/Gazos Creek Rd.
DUCK, RUDDY			Pescadero Marsh	OWL, GREAT HORNED			Corral Hollow Rd./P'dero Marsh	CHAT, YELLOW-BREADED			Mines Road
VULTURE, TURKEY			Mines Road/Pescadero Marsh	PYGMY-OWL, NORTHERN			Butano SP	TANAGER, WESTERN			Mines Rd/Gazos Creek Rd.
OSPREY			Gazos Creek Mouth	OWL, BURROWING			Palo Alto Baylands	GROSBEAK, BLACK-HEADED			Mines Rd/Gazos Creek Rd.
KITE, BLACK-SHOULDERED			Palo Alto FCB/Redwood Shrs.	OWL, NORTHERN SAW-WHET			Butano SP	BUNTING, LAZULI			Mines Road
HARRIER, NORTHERN			Along I-5/Pescadero Marsh	POOR-WILL, COMMON			Del Puerto Cyn	TOWHEE, RUFOUS-SIDED			Mines Rd/Gazos Creek Rd.
HAWK, SHARP-SHINNED			Mines Road/Half Moon Bay	SWIFT, VAUX'S			Mines Road	TOWHEE, CALIFORNIA			Mines Rd/Gazos Creek Rd.
HAWK, COOPER'S			Gazos Creek Road	SWIFT, WHITE-THROATED			Mines Road	SPARROW, RUFOUS-CROWNED			Del Puerto Cyn/Mines Road
HAWK, RED-SHOULDERED			Mines Road/Niles Canyon Road	HUMMINGBIRD, ANNA'S			Mines Rd/Gazos Creek Rd.	SPARROW, CHIPPING			Mines Road
HAWK, RED-TAILED			Mines Rd/Hwy 1	HUMMINGBIRD, COSTA'S			Del Puerto Canyon	SPARROW, LARK			Mines Road
EAGLE, GOLDEN			Mines Rd/Redwood City	HUMMINGBIRD, RUFOUS			Mines Road	SPARROW, SAGE			Mines Road
KESTREL, AMERICAN			Mines Road/Half Moon Bay	HUMMINGBIRD, ALLEN'S			Gazos Creek Road	SPARROW, SAVANNAH			Mines Road/Pescadero Rd
FALCON, PRAIRIE			Mines Road	KINGFISHER, BELTED			Mines Rd/Lake Lucerne	SPARROW, GRASSHOPPER			Pescadero Rd/Cloverdale Rd
PIEASANT, RING-NECKED			Charleston Slough	WOODPECKER, LEWIS'			Mines Rd/San Antonio Jet.	SPARROW, FOX			Mines Rd/Gazos Creek Rd.
TURKEY, WILD			Mines Road	WOODPECKER, ACORN			Mines Road	SPARROW, SONG			Mines Rd/Gazos Creek Rd.
QUAIL, CALIFORNIA			Mines Rd/Gazos Creek Rd.	WOODPECKER, NUTTALL'S			Mines Road	SPARROW, LINCOLN'S			Mines Road
RAIL, VIRGINIA			Pescadero Marsh/Verde Rd.	WOODPECKER, DOWNY			Mines Rd/Gazos Creek Rd.	SPARROW, GOLDEN-CROWNED			Mines Rd/Butano SP
SORA			Pescadero Marsh/Verde Rd.	WOODPECKER, HAIRY			Mines Rd/Gazos Creek Rd.	SPARROW, WHITE-CROWNED			Mines Rd/Butano SP
MOORHEN, COMMON			Mountainview Forebay	FLICKER, NORTHERN			Mines Rd/Gazos Creek Rd.	JUNCO, DARK-EYED			Lake Lucerne/Gazos Crk. Rd.
COOT, AMERICAN			San Antonio Vly./Verde Rd.	FLYCATCHER, OLIVE-SIDED			Gazos Creek Road	BLACKBIRD, RED-WINGED			Mines Rd/Verde Rd.
POWDER, BLACK-BELLIED			Pescadero Marsh	WOOD-PEWEE, WESTERN			Mines Rd/Gazos Creek Rd.	BLACKBIRD, TRI-COLORED			San Antonio Valley
POWDER, SNOWY			Pescadero Marsh	FLYCATCHER, PACIFIC-SLOPE			Butano SP	MEADOWLARK, WESTERN			Mines Road/Half Moon Bay
POWDER, SEMI-PALMATED			Pescadero Marsh	PHOEBE, BLACK			Mines Rd/Gazos Creek Rd.	BLACKBIRD, BREWER'S			Mines Rd/Hwy 1
KILLDEER			Mines Road/Pigeon Point	PHOEBE, SAY'S			Mines Road	COWBIRD, BROWN-HEADED			Mines Rd/Gazos Creek Rd.
OYSTERCATCHER, BLACK			Pebble Beach	FLYCATCHER, ASH-THROATED			Mines Road	ORIOLE, NORTHERN			Mines Rd/Niles Canyon Rd
STILT, BLACK-NECKED			Palo Alto FCB/Redwood Shrs.	KINGBIRD, WESTERN			Mines Road/Niles Canyon Rd	FINCH, PURPLE			Mines Rd/Lake Lucerne
AVOCET, AMERICAN			P'dero Marsh/Redwood Shrs.	LARK, HORNED			Del Puerto Cyn/Redwood Shrs.	FINCH, HOUSE			Mines Rd/Pigeon Point
YELLOWLEGS, GREATER			Pescadero Marsh	MARTIN, PURPLE			Pescadero Marsh	SISKIN, PINE			Lake Lucerne/Gazos Crk. Rd.
YELLOWLEGS, LESSER			Pescadero Marsh	SWALLOW, TREE			Gazos Crk. Rd./Lake Lucerne	GOLDFINCH, LESSER			Mines Road/P'dero Marsh
SANDPIPER, SOLITARY			Mines Road	SWALLOW, VIOLET-GREEN			Mines Road/P'dero Marsh	GOLDFINCH, LAWRENCE'S			Mines Road
WILLET			Pescadero Marsh	SWALLOW, N. ROUGH-WINGED			Mines Road/Pigeon Point	GOLDFINCH, AMERICAN			Mines Road/Pebble Beach
TATTLER, WANDERING			Pigeon Point/Pebble Beach					SPARROW, HOUSE			Mines Rd/Pigeon Point

C = The Ultimate Coot - Cliff Richer & Bob Ulvang - 208 Species

12 Noon Saturday, April 25 to 12 Noon Sunday, April 26

M = The Megatiks - Dan Klyta, Linda Klyta, Barry Sauppe, Francis Toldi - 204 Species

12 Midnight Sunday, April 26 to 12 Midnight Monday April 27

From Your President

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The bad news is that we need a Program chair. The good news is that a third of the programs are already set and we have more potential programs lined up. The Publicity and Fundraising Committees also need chairpeople to guide their activities. For these positions call Anne Moser (324-1715).

San Francisco Peninsula Birdwatching is sold out and we're still getting a goodly number of requests. If you have any knowledge of publishing we can use you to mastermind a revised edition. We have most of the people lined up to do the actual re-writing and checking of the birding facts, but we need someone to

handle the details of converting it from manuscript or computer disk to finished book.

BUDGET: Our Budget Committee has produced a balanced budget, but one which has no room in it for emergency conservation efforts or contributions to other organizations. This is a radical departure from previous years and is dictated by a reduction in our investment income. Meantime our essential day-to-day expenses - printing, postage, etc., - continue to rise. By meeting time the budget will have been adopted by the Board and will be ready to be presented to the membership.

Working together we can have a busy and fun year. Volunteer and be part of the action! I hope to see old friends and meet new ones on the first meeting of the year on the tenth.

FALL 1992 SAS BIRDSEED SALE - - - ORDER FORM

Please check preferred pickup location:

- | | |
|---|--|
| ☐ San Bruno By arrangement | ☐ Belmont 10/15, 10/16, 6 - 8 pm |
| ☐ Burlingame 10/15, 6 - 8 pm, 10/17, 9 am - 1 pm | ☐ Half Moon Bay 10/15, 10/16, 6 - 8 pm, |
| ☐ Pacifica By arrangement | 10/17, 10 am - noon |
| ☐ San Mateo 10/15, 10/16, 9 am - noon. By arrgt. | ☐ Atherton 10/15, 10/16, 6 - 8 pm |

			# BAGS	\$-COST-\$
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red & white millet plus black oil sunflower	20 lb @	\$ 9.00/bag		
RED/WHITE MILLET MIX	50 lb @	\$16.00/bag		
(previously 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		

*** SALES TAX IS INCLUDED IN ALL PRICES ABOVE***

Contribution to Sequoia Audubon Society (tax deductible)

TOTAL

- ☐ I am interested in other types of seed/supplies ☐ Might be willing to help in future seed sales

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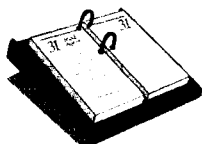
Work Phone (optional) _____

City _____

Zip _____

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

ALL ORDERS WITH PAYMENT MUST BE RECEIVED BY OCTOBER 9TH!!!



The S A S Calendar

(Continued from Page Three)

We will meet at 9 AM at the park entrance on San Antonio Way. To get there, take Hwy. 101 to San Antonio exit and follow San Antonio to its end.

LEADER: FRANCIS TOLDI 344-1919

SUNDAY, OCTOBER 18

THE PHIPPS RANCH IN PESCADERO

Besides boasting one of the best (if not the best) farm stands anywhere, the Phipps Ranch offers fantastic birding opportunities and a very cooperative management. In addition to an outstanding variety of our usual resident species, the Ranch has produced rarities ranging from ferruginous hawk to Harris' sparrow. We'll

meet at 9 AM in front of Duarte's Restaurant in downtown Pescadero.

To get there take Hwy. 1 to Pescadero and turn inland on Pescadero Road. Turn left at the traffic signal in Pescadero and find a parking place.

LEADER: DAN KELLER 365-2032

WEDNESDAY, OCTOBER 21

FIELD TRIP TO COYOTE POINT

A special week-day field trip to explore the birds and environmental assets of this very special area. The trip will begin at 9:00 AM in the §second§ parking lot at the park entrance.

LEADER: NICK COIRO 349-1834



News From Your Ranch

(Continued from Page Three)

Mary Ellen King and her volunteers monitored harbor seal population, pupping success and incidents of human disturbance in north Tomales Bay. The population has dropped 90% since the mid- 80s. They are being impacted by clambers, boaters and kayakers. On one day, 1225 clambers were on the sand bars north of the island in a 3 hour period.

The TRI-COLORED BLACKBIRDS RETURN: Biologist John Kelly noted the return of "trikes" to the Livermore Marsh at Cypress Grove on May 27. They didn't nest here last year and John is researching the theory that wind patterns influence their decisions on site choice.

The Endangered Species Act

Rick Johnson

In September, 1992, the Endangered Species Act (ESA) comes up for renewal. National Audubon has a priority campaign to assure reenactment of the ESA and to strengthen its provisions. We expect a tough fight, and want to alert you to the issues.

In 1973, Congress enacted the ESA to conserve endangered and threatened species and the ecosystems on which they depend. It is considered to be one of the most important environmental laws ever enacted by any nation. There are currently over 600 U.S. species on the official endangered species list. The ESA prohibits actions that would harm or kill a listed species. Federal agencies are required to ensure that their actions will not jeopardize the continued existence of a listed species or adversely destroy or modify its habitat.

National Audubon supports the passage of Rep. Studd's bill, H.R. 4045, "The Endangered Species Act Amendments of 1992", which reauthorizes and strengthens the ESA. H.R. 4045 will maintain strong protection for endangered species provided by the ESA. In addition, it will improve the effectiveness of the ESA in conserving threatened and endangered species by:

- **Working to Recover Species from the Brink.** Although the ESA requires development of recovery plans for endangered species, nearly half of all listed species do not have approved recovery plans, despite a U.S. Fish and Wildlife Service report that the populations of species with such plans are more likely to increase than are species without recovery plans. H.R. 4045 sets deadlines for the development and implementation of recovery plans.
- **Planning for Ecosystems, not Just Single Species.** A frequent criticism of the ESA, by environmentalists and the development community alike, is that it addresses problems on a single species basis, ignoring ecological connections among species in trouble and creating uncertainty among developers about additional measures that may be necessary to protect other species. To alleviate these concerns, streamline the recovery planning process, and to achieve the ESA's stated purpose of conserving ecosystems on which endangered species depend, H.R. 4045 directs that priority be given to the development of integrated multispecies recovery plans for maintaining and restoring ecological communities.
- **Protecting the Forgotten Species.** There is a backlog of more than 3,000 species awaiting listing decisions, including approximately 600 species FWS had determined should be listed, but for which the resources necessary to complete the listings are unavailable and which receive almost no protection under the ESA. To help protect these forgotten species and to provide greater certainty to the development community, the ESA Amendments of 1992 direct the development of multispecies recovery plans that include candidate species as well as listed species.
- **Investing for Tomorrow's Biodiversity.** The ESA has long suffered from inadequate appropriations to implement its provisions. The ESA Amendments of 1992 raise authorization levels to much-needed levels, by Fiscal Year 1997, of \$100 million for the Department of the Interior, \$20 million for the Department of Commerce, and \$4.3 million for the Department of Agriculture.

As Congress takes up the 1992 reauthorization of ESA, it is critical that supporters of species conservation and environmental protection take a strong stand in support of the ESA.

ACTION ITEMS

1. Write Congressman Lantos and thank him for cosponsoring H.R. 4045. Ask him to work for the defeat of three negative bills, H.R. 3092, 4058, and 5101.
2. Many people predict that the ESA legislation will be postponed until after the election. Be sure to vote for people with strong environmental positions.
3. Audubon's Richardson Bay Education Center is assembling a set of slides on California endangered species. If you have good slides to donate, please contact the office. (345-3724)
4. We are planning a public awareness event. If you would like to help, please contact Bob Wilkinson. (347-8367)
5. If you have an interest in speaking to groups about the Endangered Species Act, we have materials and can help organize the talks. Again, contact Bob Wilkinson. (347-8367)

Travels With Adam

Allen Fish

Adam, an immature male red-tailed hawk, was radio-tagged on November 7, 1990 at the Marin headlands. For the next week the Golden Gate Raptor Observatory (GGRO) tracked Adam through seven counties as he searched for a winter residence.

For the first two days, Adam retreated somewhat from his migratory route and spent the time in Marin County, mostly in Mill Valley. Even with the limited range (maximum 5 miles on a roosting bird) of the transmitters, the tracking teams were able to stay with Adam continuously on November 9 as he mustered up his courage and crossed the Golden Gate. By nightfall he was comfortably roosted in the hills above Crystal Springs Reservoir.

On the morning of the tenth, the teams detected Adam moving south but lost him by mid-morning. Crisscrossing the Santa Cruz Mountains for the rest of the day and the morning of the next day, the trackers were unable to relocate Adam until a little after noon, when one of the teams picked up a signal near Santa Cruz. It took until 5 PM to find the bird roosting in suburban Scott's Valley.

The next morning Adam continued south, circling over the agricultural fields of Watsonville in the early afternoon, before once again losing the persistent trackers.

Early the next morning the trackers found him again near Aromas where he stayed for two days. On the 14th the researchers followed Adam almost continuously through the Salinas Valley to Chualar, where he roosted with two other red-tails. On the fifteenth he hunted the valley, finally roosting in Soledad. On the 15th, Adam reversed directions and began hunting to the north in the Valley.

The teams were unable to locate him after lunch or for the next several days although a faint signal was picked near Chualar on the 18th.

On the 20th Jim Mills found Adam hunting the eastern slopes of the Salinas Valley between Gonzales and Chualar.

The teams took the Thanksgiving holiday off and returned on the 29th to resume their research. They were unable to locate Adam. They tried again on December 7 and 20 without success. The pre-holiday beeps were the last signals from Adam.

Letter To The Editor

Just a note regarding capitalization of bird names. In the *Pacific Raptor Report*, we have made a habit of capping birds' common names, which I would classify as proper nouns. The scientific journal perspective, as I understand it, holds that, since *birds* have a common name that is agreed upon by a code of standards (the AOU Check-List), then birds may have their common names capped. If bugs, turtles, marmots and gobies all had widely-accepted common names, they too could be elevated to proper noun status. The problem of course is one human's "mountain lion" is another human's "cougar"; one's "fennel", is another's "anise."

Granted, the headache for editors is where you are using non-avian animal names and plant names next to the up-to-code birds. It looks dumb to write, "Great Egrets, long-tailed weasels and red willow were abundant in the riparian zone -- home of the Wilson's Warbler." Headache of headaches.

I admit to a bias toward using caps in unusual situations just so the word stands up to be noticed (which in overkill could hurt you as well). So I sometimes cap Hawkwatchers, Earth, Coyote Brush, Piperine Swallowtail and the Marin Headlands. I guess I assume that Proper Names make knowing a name a little more powerful.

If someone knows something about a Scrub Jay, isn't it more impressive than if they simply know details about a scrub jay?

I'm still thinking about it, but not too hard.

Allen Fish

P.S. *Sequoia Needles* lately has been very informative to read - one of the best local chapter newsletters for content. Bravo!

(Honest, this is not a put-up job. I'm always surprised when someone tells me they read the NEEDLES. Even before I received this note I had already scheduled articles excerpted from Allen's Pacific Raptor Report. [Now, that's an informative newsletter!] The argument about the AOU Checklist is the first compelling and rational reason I've seen for capitalizing bird names as proper nouns.

---The Editor)

During the fourteen days of tracking Adam moved 108 miles south from the Marin Headlands banding station, covering hundreds of miles in the process. His longest known continuous flight was the thirty miles ending near Crystal Springs.

Early observations - not conclusions - were that Adam appeared to rise earlier when he was intent on migrating, that he generally settled down at just about sunset (one exception) and that eucalypti may be important to redtails as roost sites. It is not known whether he preferred to migrate along the ridges or by following valleys...or whether he settled into the Salinas Valley or continued to proceed south...or was Adam a typical red-tail or a young maverick?

The GGRO intends to continue this fascinating research again this year, so if you should encounter a vehicle full of electronically eared birders pointing their antennae at

various points of the compass, just wish them good luck and best regards from Adam.

(Source for this article was "Adam's Beep" by Allen Fish, in the Pacific Raptor Report, newsletter of the Golden Gate Raptor Observatory)

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Anne Palen in honor of the marriage of Eleanor Dobson and Jim Blake

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