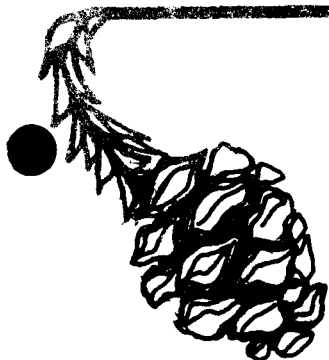




The SEQUOIA

BULLETIN OF SEQUOIA AUDUBON SOCIETY

A CHAPTER OF NATIONAL AUDUBON SOCIETY SAN MATEO COUNTY, CALIFORNIA

Volume 24, No. 7

March, 1975

MEETINGS:

MARCH 6, THURSDAY, 7:30 PM BOARD MEETING at the home of Eila and Norman Fox, 51 West Bellevue, in San Mateo. Board members and committee chairmen should attend. Other members are welcome.

MARCH 13, THURSDAY, 8:00 PM REGULAR MONTHLY MEETING at Roosevelt School, Broadway and Vancouver Avenue in Burlingame. Our program will feature a slide lecture, "Breeding Strategies of Sierra Birds," presented by Robert M. Stewart. Bob is Land Bird Biologist and Director of Education at Point Reyes Bird Observatory. He has a master's degree from Oregon State University in biology and prior to going to PRBO in 1969, taught high school biology in South San Francisco and he and Mrs. Stewart were members of Sequoia Audubon. His talk will discuss bird relationships to other birds and to their young as well as species identification. Some of his slides were taken by Ian Tait and are of exceptional quality.

Silk Tassel Bush (*Garrya elliptica*) will be the Plant of the Month for March. It is a very attractive evergreen shrub which blooms from January to April. It grows in our coastal hills; locally, along Crystal Springs Road and Sawyer Camp Road. It looks much like Coast Liveoak (*Quercus agrifolia*) except that it has opposite rather than alternate leaves but when it is in bloom it appears to have been decorated for Christmas--a little late. It is dioecious, having the staminate (male) and pistillate (female) flowers on separate plants. It belongs to the *Garrya* family which has only one genus, *Garrya*. There are fourteen species of *Garrya*, all in Western United States and Mexico. Six of these species are native in California--two in San Mateo County. Charles Newman will have a tape-recorded Bird Call of the Month for us.

FIELD TRIPS:

Fran Nelson, Chairman Phone: 593-7941

March 29, Saturday, 10:00 AM AUDUBON CANYON RANCH

Meet at Audubon Canyon Ranch about three miles north of Stinson Beach, on Shoreline Highway (State 1) at 10:00 AM. If you find you are early, **there** is interesting birding on Bolinas Lagoon shortly before reaching the ranch. Bring a picnic lunch to be eaten at tables at the ranch. The leader will be A. E. "Monty" Montgomery, telephone: 344-4249.

Sunday, March 16 WUNDERLICH PARK

Meet at Woodside School parking lot (south side of Woodside Road west of Canada Road) at 9:00 AM. We will carpool the short distance to the park from the school since parking at the park is limited. Wear boots and bring a lunch if you like to eat about 12:00 noon.

We will look at plants, birds, reptiles, amphibians and whatever. The habitats are varied and the early spring flowers should be great. As

RESIDENT: Byron Davies
606 Cambridge Street
San Francisco, CA 94134
Phone: 334-2851

EDITORS: Ed and Amy McElhany
1009 Laguna Avenue
Burlingame, CA 94010
Phone: 333-3219

2 THE SEQUOIA March 1975

FIELD TRIPS:

Continued

for birds, expect everything from barnyard fowl to Zonotrichia.
The leader will be Maryann Danielson, telephone: 342-6919

March 15, Saturday 9:00 AM

A field trip sponsored by the Burlingame Recreation Department and led by our Jean Jones will meet at Coolidge Center, 1400 Paolma Avenue in Burlingame for a car pool to local bird areas.

Mendocino Coast -- April 12 and 13

A rare treat is in store for up to 25 participants attending the Jughandle Creek weekend of April 12 and 13, between Mendocino and Fort Bragg. On Saturday, April 12, our leader will be expert birder and naturalist, Art Earle, who will take us on a hike up the Pigmy Forest Ecological Staircase. Emphasis will be on the natural history of this part of the Pacific Coast, and fascinating geological story about what happened to create this unique area.

April 13 will be devoted primarily to birding under the leadership of Bill Clow, instructor of Point Reyes Bird Observatory classes, and birder extraordinary. You will be amazed at his expertise in bird identification, whether it be from the briefest glimpse or the slightest nuance of song, call, chip, or note. Both Art and Bill were deserving recipients of Sequoia Audubon Society's scholarships to Audubon Camp of the West last year, and this is one of their ways of saying, "Thanks."

We plan to leave early the morning of April 12, arriving between 11:00 and 12:00; so take a picnic lunch. Car pooling is a must. Contact Charles Newman (697-5601) for information on transportation and overnight accommodations. Because of technical problems in the Ecological Staircase area, participants are limited to 25. In addition to several motels in the area, a local farmhouse offers sleeping bag accommodations with kitchen privileges for a donation of \$4.00 per night.

FIELD TRIP REPORTS:

Foster City -- January 25 -- Al Bergeron, Leader

Forty-five participants birded from 8:00 AM until 2:00 PM under fair skies and observed 50 species. The Bay surface was smooth and viewing good from Werder Pier. Ducks, Grebes and Loons swam close by. At the shellbar near the old dredge site, a tight group of shorebirds waited patiently for the tide to fall and for us to go away. In Belmont Slough, the daily drama of shorebird feeding was staged on time. Last, but not least, for those who were willing to wait, three Burrowing Owls made the day a complete success. Birds sighted were:

Common Loon; Western and Pied-billed Grebes; Double-cr. Cormorant; Common and Snowy Egrets; Mallard; Pintail; Green-winged and Cinnamon Teal; American Widgeon; Canvasback; Greater and Lesser Scaup; Common Goldeneye; Bufflehead; White-winged Surf, and Common Scoter; Ruddy Duck; White-tailed Kite; Sparrow Hawk; American Coot; Killdeer; Ruddy and Black Turnstone; Willet; Knot; Dunlin; Western Sandpiper; Marbled Godwit; Sanderling; American Avocet; Glaucous-winged, Ring-billed, and Bonaparte's Gulls; Forster's Tern; Rock and Mourning Dove; Burrowing Owl; Horned Lark; Robin; Water Pipit; Loggerhead Shrike; Starling; House Sparrow; Western Meadowlark; House Finch; Savannah Sparrow; Song Sparrow.

FIELD TRIP REPORTS: Continued

Los Banos -- February 8, 9 -- Fran and Leroy Nelson, Leaders

Two weeks of bad weather put a damper on the overnight Los Banos trip. Because of the prolonged heavy rains all but the main roads in the wildlife refuges were closed. However, eight enthusiastic Sequoia members dared the elements and won a partial victory. A five-mile walk failed to turn up the White-faced Ibises but a great number of American Bitterns were seen at close range along with Common Gallinules, a Short-eared Owl, a Ross' Goose, a Nuttall's Woodpecker, some Tree Swallows and many other interesting species of the Los Banos State Refuge. The day was capped off with the observation of over 400 Whistling Swans in a small pond near Volta.

Sunday morning a very large concentration of Snow, White-fronted and Canada Geese at Merced National Wildlife Refuge fascinated us as they repeatedly took to the air and settled back down. Also there was a large flock of Sandhill Cranes with quite a number of Whistling Swans grazing in the same field. Some of the cranes were displaying. The blackbird species in this field included Yellow-headed, Bi-colored and Tri-colored.

At Merced Headquarters several Barn Owls and a Great Horned Owl gave us quite a show as they flushed from the trees and then returned to positions from which we could watch each other in good light. In a field along Sandy Mush Road a Ferruginous Hawk devoured its prey while we watched. He was in excellent light and near the road.

For the last few lingerers who went on to San Luis National Wildlife Refuge, there was a great number of Black-crowned Night Herons, a flock of 60 White Pelicans overhead and a Great Blue Heron Roost.

A trip that appeared doomed at the outset had turned out quite well after all. Seventy-one species had been observed:

Eared and Pied-billed Grebes; White Pelican; Great Blue Heron; Common and Snowy Egrets; Bl.-cr. Night Heron; American Bittern; Whistling Swans; Canada Goose; White-fronted, Snow and Ross' Geese; Mallard; Gadwall; Pintail; Cinnamon Teal; Shoveler; Canvasback; Ruddy Duck; White-tailed Kite; Red-tailed, Rough-legged and Ferruginous Hawks; Marsh Hawk; Sparrow Hawk; California Quail; Ring-necked Pheasant; Sandhill Crane; Virginia Rail; Common Gallinule; American Coot; Killdeer; Common Snipe; Long-billed Curlew; Yellowlegs, Greater; Long-billed Dowitcher; Marbled Godwit; American Avocet; Black-necked Stilt; Ring-billed Gull; Mourning Dove; Barn Owl; Great Horned and Short-eared Owls; Red-shafted Flicker; Nuttall's Woodpecker; Black and Say's Phoebe; Horned Lark; Tree Swallow; Yellow-billed Magpie; Common Crow; Long-billed Marsh Wren; Mockingbird; Water Pipit; Loggerhead Shrike; Starling; Audubon's Warbler; House Sparrow; Western Meadowlark; Yellow-headed, Redwinged, Tricolored and Bi-colored Redwinged Blackbird; Brewer's Blackbird; Savannah Sparrow; Oregon Junco; White-crowned, Golden-crowned and Song Sparrows.

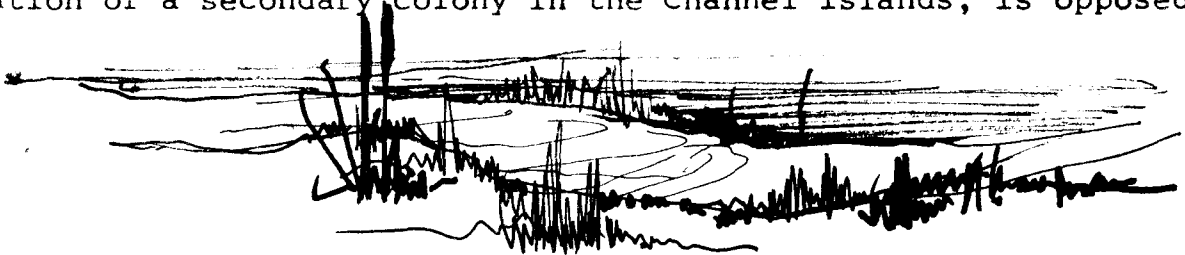
CONSERVATION NEWS:

San Bruno Mountain held the spotlight locally when its cause was taken up by San Francisco Supervisor, Diane Feinstein, aided by Supervisor Kopp. They introduced a resolution asking ABAG to explore the possibilities of putting the whole mountain under the auspices of either the State Park System or the Golden Gate National Recreation Area, since it is now used as a park and recreation area not only by San Mateo County residents but by San Franciscans as well. SAS, through President Davies, has recommended the passage of this resolution, and

CONSERVATION NEWS: Continued

it has been endorsed by the Supervisors' State and National Affairs Committee, thus probably assuring its passage by the full Board.

The otter controversy with the State Fish and Game Department flared up again when the Department decided at the end of January to request federal permission to trap all otters outside of the 132 mile stretch between Morro and Monterey Bays and to remove them to San Nicholas Channel Island. The Department claims there are now 1700 otters on the coast which are wiping out the Pismo clam and are moving north by a mile a month. The Department fears they will "soon" (in 7 years?) reach San Francisco Bay 85 miles north and further deplete the already suffering crab industry. A recent study by a class at U.S. Santa Cruz concluded that the otters are being unjustly blamed for disappearance of both clams and abalones. Anyone who has seen the hordes of human clam diggers on California beaches would wholeheartedly agree. It would seem easier, more economical, and better for the still precarious otter population to regulate the depredations of Homo sapiens. Letters are still needed to the California Department of Fish & Game, 1416 Ninth St., Sacramento, CA 95814, to Hon. Rogers Morton, Secretary of the Interior, Department of the Interior, Washington, D.C. 20001, and to Marine Mammal Commission, Suite 307, 1625 Eye St. N.W., Washington, D.C. 20006. However only restriction of otter range, not formation of a secondary colony in the Channel Islands, is opposed.



Those of us concerned with conserving our environment can take heart from the year-end report of the Joint Economic Committee of Congress which concludes that, "There should be no general relaxation of environmental standards for the sake of reducing inflationary pressures." Reasons for the statement were 1) that benefits of environmental expenditures on employment clearly exceed costs, 2) their contribution to inflation is minimal, 3) delays only increase the ultimate cost, and 4) the stimulative effect of such expenditures on employment will benefit the economy. Another hopeful sign is the formation on January 27 of a 12-member bipartisan Environmental Study Conference in the House of Representatives which will provide members of the House with environmental information and will serve as a clearing house between Representatives and informed outside sources.

Bills recently introduced in Congress that should be of interest are, in the House: HR 17545 and 17577 which deal with the newly emerging problem of possible destruction of the stratosphere ozone layer by Freon used as an aerosol propellant. The first would prohibit the manufacture of Freon 11 and 12 after 1975; the second would require certification of propellant products assuring that they would not impair the ozone layer.

In the Senate S.72 authored by our California senators designates 13,000 acres of the Pinnacles N.M., (scene of our April 26 bus trip) as wilderness. It has been referred to the Committee on Interior and Insular Affairs.

CONSERVATION NEWS: Continued

Senator James A. McClure of Idaho introduced S.144 which would prohibit the banning of lead shot for hunting (National Audubon has requested such banning from the Fish and Wildlife Service) before 1980.

Our California senators also introduced a resolution, S.J. Res. 9, by which they hope to delay Administration plans for extensive offshore oil leasing by allowing speeding up of petroleum extraction from the Navy's Elk Hills, California and Prudhoe Bay, Alaska, oil reserves. The Administration energy plan calls for offshore oil lease sales in Southern California in 1976 through 1978 and in Central and Northern California in 1978 in an area from Point Concepcion to Half Moon Bay and from the coast off Redwood National Park north to the Oregon border.

The Senate National Ocean Policy staff report on Outer Continental Shelf leaseings urged the Interior Department to keep oil and gas development out of untouched offshore areas unless their development was both necessary and safe. The study concluded that Interior had too little information to justify or manage such a vast program as is proposed and recommended that it be scaled down.

In our State Legislature, Assemblyman Goggin has introduced AB 180 giving the State Energy Resources Conservation and Development Commission permit authority over expansion or construction of oil and gas facilities, including pipelines, refineries and offshore drilling platforms.

Another important Assembly bill, in view of world food shortages and rising prices, is AB 15 introduced by Assemblyman Warren that places an immediate moratorium on the conversion of all prime agricultural land.

-- Ruth Smith, Conservation Chairman

BOOKS: By Nancy Lechich

There are 2 new books this month that focus on less publicized wonders of birds and their natural fellows:

Animal Architecture by Karl von Frisch, Harcourt, Brace Jovanovich, N.T. 1974, \$12.95

Here is a book destined to be the perfect complement to so many of the recent "coffeetable books" depicting birds as just another pretty being. Open, for example, to page 209 and take a look at the sailor-like knots and loops made by the weaverbird, leading to its remarkable nest 4 pages later. Open to the penduline titmouse's construction. Or to the brush turkey's temperature-controlled compost incubator. Surely the works of these and other creatures deserve Nobel-Prizewinner von Frisch's word "architecture" and its connotation of thoughtful planning. And these samples are just in the chapter on birds in this book that examines and illustrates the architecture or "everyone" from insects to fishes to mammals.

Accompanied by a lucid text as ensnaring as the spider web being spun on page 32, this book is delightful reading not only for the amateur naturalist, but for anyone who ever added block on wooden block, or who actually built a tree house of his own.

The Incredible Egg, by Dallas Stevens, Weybright & Talley, NY, 1974, \$9.95

Less generally recommended, but still excellent for young adults with an interest in nature is The Incredible Egg. It is full of fascinating

BOOKS: By Nancy Lechich Continued

statistics, anecdotes and history about the biggest, smallest, tastiest and vilest eggs laid by fishes and amphibians, reptiles and birds and the platypus. It is a very readable book on one of the most successful packaging designs in nature. As Alexis Romanoff commented, "Egg is all."

THE FEBRUARY MEETING: By Nancy Bentz

Bird Call of the Month: February's featured songster was the Pine Siskin. Charley Newman's excellent recording was enhanced this time by a slide view of the friendly little Pine Siskin, a member of the Finch family. The color slides were taken by Frank Allen on Sawyer Camp Road at Crystal Springs Reservoir, where the Siskins were seen perched on the thistle. The Pine Siskin's voice is a wheezy "shree," like a hissing valve on a radiator. Charley told us that he and Frank hope to collaborate in the future to make the Bird Call of the Month not only audible but visual.

Plant of the Month: Jed McClellan outdid himself with some quite stunning slides of three species of Trilliums native to California, two of which grow in San Mateo County. Trillium, a member of the lily family, derives its name from the Latin word for three, because of its three petals. Jed showed us the Common Trillium, which grows in our Coast Ranges and is a highly variable plant in color; the Coast Trillium, which blooms white and then turns pink; and the Brook Trillium, smallest of the three, and found further north in California in the Siskiyou ranges.

The guest speaker of the evening was Mr. Al Wool, La Honda rancher, prominent lecturer with the National Audubon Society, and a new member of Sequoia Audubon. Mr. Wool, past president of the Santa Clara Audubon Society, narrated for us a color film he produced entitled, "Coastline California." The film took us from the San Francisco Bay marshlands south to Big Sur, illustrating the natural splendor and vast range of habitat conditions which our coastline provides. With the use of telephoto lens and slow motion techniques, the film captured some very unique perspectives, especially on the marvelous bird life of the area.

The film began in the feeding and resting areas of the southern San Francisco Bay marshlands, where myriads of shorebirds, like the avocets, herons and egrets are seen displaying their various eating habits: the Snowy Egrets who use their feet cleverly, working down gingerly into the mud to dislodge food; the sandpipers feeding between the ebb and flow of the tides on the shiny flatlands; the Long-billed Dowitchers with their "sewing machine" feeding action; the elegant Black-necked Stilts; the Buffle-headed Ducks with their pinkish-red legs; the Northern Phalaropes with their frenzied spinning and dipping manner of feeding; the beautiful white pelicans, encircling and slurping up fish; and the graceful fork-tailed Terns, hovering and diving for their food.

Moving west and south along the California coastline, the film showed blackbirds and cowbirds on the backs of grazing cattle in the seaside pastures, relieving them of insect pests; the Ring-billed Gulls which congregate where freshwater streams enter the ocean; the Sanderlings who move with incredible speed in and out with the waves as they feed; the Black Turnstones who often feed alongside the Sanderlings; the Marbled Godwit with mottled plumage and long upturned bill; the little Snowy Plovers who prefer to stay on the sandy beaches; Brant Geese who breed in the Arctic and winter along the California coast, feeding on

THE FEBRUARY MEETING: By Nancy Bentz Continued

sea lettuce near Monterey; the Surf Scoters, a sea duck with multi-colored bill and white-marked head; the White-winged Scoter, called the "skunk duck" because of its resemblance to a certain mammal; the Black Oystercatchers with their strange red eyes and long red bills; Brandt's Cormorants nesting at Point Lobos reserve; Sea Pigeons, the northern counterpart of the antarctic penguins, with the penguin-like awkwardness in flight; and the colorful Red-crested Merganser, with its wonderful shaggy head crest. There was also some very rare and exciting footage showing in slow motion the Brown Pelicans diving straight down 30-40 feet for fish, and the accompanying, harrassing Heerman's Gulls who wait nearby to steal the pelicans' fish from their pouches.

Among the mammals native to the California coast, the film showed the Harbor Seals, California Sea Lions, and the ingenious and lovable Sea Otters. Mr. Wool's film showed some marvelous footage of these talented little animals who wrap themselves in seaweed to prevent being washed ashore while napping. The Sea Otters, one of the few known non-human tool users, use rocks as chopping-board tools on the chests for pounding abalone shells and sea urchins. They also use their chests as a kind of dining table which they keep tidy by holding onto their dinner and turning over once in the water! With webbed feet and heavy, rounded tail, they are beautifully adapted to the sea.

Tidepool life in the film included the amazing Sea Palms whose "hold-fast" root system makes them tremendously resilient in the waves. Other tidepool life included the lovely Sea Anemone, Starfish, a small Octopus, Goose Barnacles and Mussels, Sea Urchins that hollow out pits in the sea rock and are a favorite food of the sea otters, scavenger crabs, and beautifully propelled Purple-striped Jellyfish.

RAPTOR REHABILITATION PROGRAM: By Nancy Bentz

Max Krueger and Cliff Lindquist report that Sequoia and Girlfriend will be ready for freeing at Al Wool's Calaveras property as soon as the weather clears, perhaps near the end of March. They'd like to invite Sequoia Audubon members to come for the "cutting loose" celebration. The date will be announced later.

Girlfriend made a splendid appearance at our February meeting. Sequoia had to be kept at home because of his somewhat rambunctious behavior lately, a sure sign of spring! Girlfriend, however, acted like perfect, though somewhat cautious, lady. She's an immature Red-tailed Hawk who was taken under Cliff and Max's "wing" after a falconer cut her loose and she kept coming back to her trainer to be fed. She's one-third larger than Sequoia; it seems that the females of the species need to be the strongest for reasons of perpetuation.

Cliff and Max also are caring for "Lady," a Golden Eagle with an injured wing from a gunshot wound. They hope to have the wing repaired surgically and free her someday, also. All of Cliff and Max's efforts take a great deal of time and money. Contributions are always needed and greatly appreciated.

NEW BALD EAGLE REFUGE:

In the November SEQUOIA, we reported a program undertaken by the Southland Corporation through its 5000 "7-Eleven" stores to raise funds toward the purchase of an eagle refuge along the Missouri River in South Dakota and Nebraska. Southland donated 1 cent from the sale of each "Slurpee" drink. On December 19, 1974, the National Wildlife Federation who cooperated in the program turned over more than 1000 acres to the Federal Government. Interior Undersecretary John C. Whitaker accepted the gift and designated the area as a National Wildlife Refuge.

SAN MATEO COUNTY BIRD CHECK LIST:

President Byron Davies reports that he still has a substantial supply of our December, 1969 checklist and will bring them to our March 13 meeting where they will be available at 15¢ each.

AUDUBON CANYON RANCH:

Audubon Canyon Ranch will be open to the public on weekends and holidays between Saturday, March 1 and Sunday, June 29. Hours are from ten to four. The ranch is closed to everyone on Mondays but open to groups by appointment or to friends who call (383-1644) ahead Tuesday through Friday. Teachers or parents who wish to bring school groups to the ranch should make appointments ahead of time.

The ranch is at its best between April 15 and June 15 when the rookery contains eggs and young of all stages of development; and when the ranch is still green and the wildflowers are in blossom. There is no charge for a visit to the ranch; parking, picnic tables and use of the trails are all free. It is located, of course, on Highway 1 a few miles north of Stinson Beach.

Each year the three sponsoring Audubon Societies, Golden Gate, Marin and Sequoia, provide hosts each Saturday, Sunday and holiday during the open season at the Ranch. This year Sequoia will provide hosts for the period May 17 through June 15. Shirley Sampson is coordinating our sign-up. Phone her at 591-8046 to reserve your place on the host list.

Host duty is really an enjoyable and interesting experience. It consists of greeting the visitors, directing them to the parking area and other ranch facilities, signing up visitors and being generally useful. No prior experience nor birding expertise is required. Four hosts are required each day between the hours of about 9:30 AM until about 4:30 PM. For those who have not visited the Ranch, here is an opportunity to see an unique and remarkable nature sanctuary with its fascinating heronry, display building, book store, trails and wildflowers.

NEWS FROM AUDUBON CANYON RANCH -- W. S. Picher

The following friends have become Sponsors of ACR by virtue of having contributed "an acre", \$800 or more to the ranch:

Mr. & Mrs. William J. Lawler
Mr. & Mrs. Caleb Foote
Mary L. Contakos, M.D.

The Darrow Foundation
Mrs. William W. Stout
William James Canfield and
Virginia S. Canfield

This brings to 320 the total number of the Sponsors of the ranch. The minimum amount their contributions could have come to was \$256,000! Actually it was great deal more. Think how much land we were able to acquire by virtue of the contributions of those few people. Think how much more we could do if another 320 of our friends gave, or pledged, or simply made their goal a total gift of \$800 to ACR!

Our best friend, National Audubon Society, has arranged a gift to ACR of a hundred foot lot on the shore of Tomales Bay just north of our property near Marshall.

The Board of Directors of Audubon Canyon Ranch voted at its last meeting to name the old farmhouse recently acquired in Volunteer Canyon in memory of William Leonard Crum and in gratitude to Eleanor Evans Crum. It also voted to name the small building recently erected in Volunteer Canyon in memory of Marvin Fallgatter and in gratitude to Frances Ellen Fallgatter. Mrs. Crum and Mrs. Fallgatter have been kind and generous friends to the ranch.

NEWS FROM AUDUBON CANYON RANCH: Continued

The following garden clubs: Beresford, Concord Women's, Glenview Women's and Peacock Gap - made contributions to ACR last month. Did yours?

POINT REYES BIRD OBSERVATORY:Natural Excursions, 1975

Point Reyes Bird Observatory, a nonprofit research, conservation and educational institution since 1965 offers these natural excursions to California, Arizona and Mexico.

Our aim is simply to arouse interest in the natural world. The price of these excursions reflects our desire to do this at the lowest possible cost to participants.

For detailed information concerning any of the excursions please write Maryl Stewart, Point Reyes Bird Observatory, P.O. Box 442, Bolinas, CA 94924.

26-27 April, 10-11 May

Birds of the Bay Area

Four days of observing all kinds of birds in the best habitats of the Bay area. Particularly for those interested in the finer points of bird identification including behavior and song.

Bill Clow and Bob Stewart

\$30

3-4 May

Plants of Point Reyes

A two day introduction to the flora of the Point Reyes National Seashore.

Gladys Smith and Gordon True

\$20

16-18 May

Landbirds of the Point Reyes Peninsula

An intensive look at breeding birds, their nesting behavior, songs and general ecology. Field trips to PRBO study areas representing most of the habitats on the Peninsula.

Bill Clow and Bob Stewart

\$20

20-25 May

Birds of Southeast Arizona

An excursion through one of the best birding areas in the country with attention to other vertebrates and general ecology of deserts. Three nights camping, three nights with lodging; all food and lodging included.

Rich Stallcup, Peter Warshall, Art Earle, Bob Stewart

\$250

9-13 June

Natural History of Point Reyes

A look at the natural history of the Point Reyes Peninsula with emphasis on birds and ecology. Explore Tomales Point, Point Reyes, Bishop Pine forests, Point Reyes Bird Observatory including a two day back-packing trip on the Point Reyes National Seashore.

Peter Warshall and Bob Stewart

\$45

22-27 June

Transect of California

A 6-day camping transect of California to observe native vertebrates and flora of major habitats from Mono Lake to Monterey (very strong emphasis on birds). Cost includes all food and camping expenses. Transportation by private car pool.

Rich Stallcup, Peter Warshall, Art Earle and Bob Stewart

\$200

13-18 July

East of the Sierra

Equal emphasis on the geology, botany and birds of the high east side of central California from the White Mountains to Tioga Pass. Participants must be willing to camp in unimproved campgrounds and be in shape to hike from 1-5 miles at elevations around 10,000 feet.

Bob Stewart and Virgil Frizzell

\$80

26-31 July

Stanislaus River - Flow of Life

A natural history transect from the central valley up the west slope of the Sierra to the east side including a back-packing trip in the high country. Designed to let you feel the land with a very minimum of car travel. Optional all day raft trip on the Stanislaus River.

John Kipping and Bob Stewart

\$80

21-29 November

Birds of San Blas, Nayarit

This is a field course for people with some experience as bird watchers. San Blas on the coast of western Mexico is a virtual birding paradise. Here over 225 species winter in an area dominated by mangrove and jungle. Three 5-hour boat trips will provide close looks at many Mexican species. This is a real learning experience. Even good birders will improve their skills after a week with leaders *Bill Clow* and *Art Earle*. Cost does not include lodging and dinner meals.

from Mazatlan **\$250**

POINT REYES BIRD OBSERVATORY: Excursions Continued

5-12 December

Birds of the Barrancas, Mexico

This is a field excursion in Mexico for bird watchers with some experience who have strong hiking capabilities. The Durango Highway east of Mazatlan provides access to two unique avifaunas: the highland species of the Mexican Sierra and the lowland species of the coast. Cost does not include lodging or dinner meals.

Bill Clow and Art Earle

\$200

POINT REYES NATIONAL SEASHORE:

Able mountaineer, outdoor leader, backpacker, and hiker Phil Arnot has once again designed a combination lecture-field trip series to an area he's known well since the early 60's--the Point Reyes National Seashore. Included will be study and exploration of the striking geological, biological, meteorological, and ecological characteristics of a most accessible Bay Area spot, one that is ideal for a family's leisure-time explorations. Three lecture sessions plus one field trip. Wednesday, April 2, 9, 16, Veteran's Memorial Building 1455 Madison Ave., Redwood City, 7:30 - 10 PM. Field trip Saturday, April 18, 8 AM--5 PM. Fee: \$15.

Contact Canada College, Community Services, 4200 Farmhill Blvd., Redwood City, CA 94061

CARE OF WILDLIFE CLASSES:

The Wildlife Rescue Team announces their spring classes on the Care of Orphaned and Injured Wildlife. A series of classes held on three consecutive Tuesday evenings will begin March 11, 1975, 7:30 PM, at the Baylands Interpretive Center located at the east end of Embarcadero in Palo Alto. Pre-registration is required due to the limited amount of space. To register, call 329-2568.

The classes will be taught by Jinny Collins, Wildlife Rescue Team's Director of Education and Public Relations. Mrs. Collins has been caring for wild birds and animals in the Bay Area for nearly 10 years. Instruction will include the care and feeding of nestlings and baby animals; how to administer first-aid to the injured; and the application of splints to broken legs and wings.

The Wildlife Rescue Team is a completely volunteer organization dedicated to the rescue, rehabilitation and release of wild creatures. Since beginning last spring, WRT has trained 250 volunteers who helped care for over 1000 birds and animals during 1974.

Additional classes will be offered in April and June. For further details, call WRT at 329-2433.

1974 SEQUOIA AUDUBON SOCIETY 1975

PRESIDENT	Byron Davies	DIRECTOR	Norman C. Fox
VICE PRESIDENT	John E. Prime, Jr.	"	Ed McElhany
SECRETARY	Sheila Davies	"	Charles Newman
TREASURER	Victor Crotchett	"	Ruth Smith
		"	Albert Bergeron

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Conservation	Ruth Smith	Sightings & Christmas Ct.	Barry Sauppe
Program	John Prime	Habitat Acquisition	Charles Newman
Education	Jean Jones	Camp Promotion	Al Bergeron
Publicity	Nancy Bentz	Social	Eila Fox

Audubon Canyon Ranch Directors: Al Bergeron, Maryann Danielson, Byron Davies, Robert Friday, Ed McElhany, Charles Newman and John Prime

Bay Area Audubon Council Representatives: Byron Davies, Norman Fox and Ruth Smith.

Bentz, Nancy	593-5600	631 Wellington Dr, San Carlos	94070
Bergeron, Al	349-2960	251 Killdeer Ct, Foster City	94404
Crotchett, Victor	343-5226	1104 Balboa Ave, Burlingame	94010
Danielson, Maryann	342-6919	848 Edgehill Dr, Burlingame	94010
Davies, Byron & Sheila	334-2851	606 Cambridge St, San Francisco	94134
Fox, Norman & Eila	343-1406	51 W. Bellevue, San Mateo	94402
Friday, Robert	365-1194	80 Amber Ct, San Carlos	94070
Gurevitz, Liv	347-0912	1400 Southdown Rd, Hillsborough	94010
Jones, Jean	344-9339	1417 Sanchez Ave, Burlingame	94010
McElhany, Ed & Amy	343-3219	1009 Laguna Ave, Burlingame	94010
Nelson, Fran	593-7941	1035 Lassen Dr, Belmont	94002
Newman, Charles	697-5601	25 Corte Alegre, Millbrae	94030
Prime, John	345-4968	848 W. Hillsdale Blvd, San Mateo	94403
Sauppe, Barry	349-8470	820 E. 19th Ave. -18, San Mateo	94403
Smith Ruth	322-5279	1231 Hoover St, Menlo Park	94025

THE SEQUOIA is the newsletter of Sequoia Audubon Society. A subscription is \$2.00 per year for 10 issues--one each month, September through June. Membership in National Audubon Society includes a SEQUOIA subscription to members living within this area (San Mateo County) and membership in Sequoia Audubon Society.

If you move from our area but want to continue to receive the SEQUOIA, please notify the editors and we shall be happy to send it to you. Otherwise, we shall assume you would prefer to receive the newsletter of the Chapter in the area to which you have moved and have so notified National Audubon Society.

Application for National Audubon membership may be sent to National Audubon Society, 950 Third Avenue, New York, N.Y. 10022. The following dues schedule is effective September 1, 1974. The figures in parenthesis indicate the amount remitted by National to the local chapter:

Student	\$7	(\$1)	Donor	\$250	(\$60)
Regular	\$15	(\$5)	Patron	\$500	(\$100)
Family	\$18	(\$7)	Life	\$1000	(\$100)
Sustaining	\$30	(\$13)	Affiliated Club	\$50	---
Supporting	\$50	(\$20)	AUDUBON Subscrip-		
Contributing	\$100	(\$40)	tion	\$13	---

The public is invited to Sequoia Audubon meetings and field trips. Board meetings are held at meeting places announced each month in the

12 THE SEQUOIA March, 1975

SEQUOIA, on the first Thursday of each month. Regular monthly meetings are at Roosevelt School, Vancouver Avenue and Broadway in Burlingame on the second Thursday of each month. There are no meetings in July or August.

The closing date for the SEQUOIA is the 15th of each month.



-- Pescadero Marsh --

Art Work by Pat Pringle

THE SEQUOIA
Sequoia Audubon Society
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Burlingame, CA 94010

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