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TREICHEL
MONTHLY



GULL
BULLETIN

Volume 46 Berkeley, Calif. March 1964 Number 3

TREICHEL TO DISCUSS INTERNATIONAL CONSERVATION

The 548th regular meeting of the Golden Gate Audubon Society will be held on **Thursday, March 12**, at 7:30 p.m. at the First Unitarian Church, Franklin and Geary Sts., San Francisco. Our speaker will be George Treichel of Atherton, well-known writer and lecturer, whose nature and conservation interests have taken him all over the world. The title of his lecture will be "The Structure of International Conservation." This is a most important subject, so we urge you to attend and bring a friend or two.

The meeting will be preceded by a dinner at the church at 6 p.m. (\$1.50 per person). **If you want to come for dinner, please let us hear from you by Tuesday, March 10 in order to assist the cook in buying the right quantity of food.** Please phone either Val Da Costa in San Francisco (WE 1-5257) or Margaret Peterson in Oakland (568-7534). **ROBERT C. Da COSTA, JR., Program Chairman.**

FIELD TRIPS FOR MARCH

On **Tuesday, March 10**, to Richardson Bay and other Marin Peninsula points. We will visit the Richardson Bay Wildlife Refuge established through the efforts of the Richardson Bay Foundation and the National Audubon Society. On hand to welcome the group will be the Resident Manager, John Larson, Jr., and Program Naturalist, Mr. Henry Houghten. They will give us a talk on the history of the Victorian House restored by Mrs. Donald Diekey, as well as the bird population occupying the sanctuary during the winter months. Belvedere, San Quentin and Pedro Points, (McNear's Beach) will also be visited if time permits. Meet at the parking area just north of the Richardson Bay Bridge on U.S. Highway 101 at 9:30 a.m. Bring lunch, warm clothing, binoculars, telescopes, and interested friends. Leader, Mrs. Valeria DaCosta, WE 1-5257.

On **Saturday, March 14**, to Rodeo Lagoon, Marin County. Meet at the parking area just north of the Golden Gate Bridge at 9 a.m. This is always an interesting trip with many species of water birds present on either the ocean or the brackish lagoons behind the sandbar. Early spring migrants and Allen's hummingbirds can be expected. Leader, Mrs. Valeria DaCosta, WE 1-5257.

On **Sunday, March 15**, the trip to Rodeo Lagoon will be repeated. For this trip the leader will be Mr. Hans Meinhardt, EV 6-6579.

Tuesday, March 17, to the region of the old quarry east of Redwood Road, Oakland. This is a good place for birds, and was the best place in

the East Bay for flowers until last summer, when both sides of the road were subjected to deadly spray. We shall go from Mountain Blvd. up the south face of the hill, where the flowers bloom earliest. Meet at the junction of Mountain Blvd. and Redwood Road (at a church) at 9 a.m. If you do not come by private car, transfer to a No. 15 bus at MaeArthur Blvd. and Fruitvale Ave. at 8:34 or 8:52 and get off at the first bus stop on Mountain Blvd. after turning off 35th Ave. Bring lunch — especially if you might wish to continue observations elsewhere. Leader, Marshall Jencks, KEllogg 4-9353.

On **Saturday, March 21**, to Tilden Park, Berkeley. Meet at Spruce Street Reservoir at 9 a.m. From San Francisco take 8:11 a.m. "F" bus and transfer to No. 67 at University Avenue at 8:57 a.m. Orange-crowned and Wilson's warblers may be seen and heard. A hike to nearby hills will be made to see spring flowers. Our leader is a botanist as well as birder. Leader L. R. Leinbach LA 6-7649. Beginners welcome.

On **Sunday, April 5**, to Farallon Islands on Privatcer II. Departure will be from Berkeley Harbor at 5:30 a.m., with a later pick-up of passengers in San Francisco. Complete information as to time, clothing, etc., will be sent to all who reserve space. Fee \$8.50 per person. This should be sent to the Field Trips Chairman, Harold G. Peterson, 3548 - 65th Ave., Oakland 5, with your name, address and PHONE NUMBER. Make all checks payable to the Golden Gate Audubon Society Inc. Names will be placed on the Passenger list in the order received. Space limited. Leaders to be announced.

PROPOSED TRIPS FOR YOUR LONG-RANGE PLANNING

Sat., & Sun., May 23-24 to Yosemite National Park overnight.

Sat., & Sun., June 6-7 Nature Conservancy Forested Area in Mendocino County. More details on travel and accommodations will appear in later issue of *The Gull*. HAROLD G. PETERSON, *Field Trips Chairman*.

FIELD TRIP FOR CHILDREN

On **Saturday, March 14**, at 11 a.m., (please note that the hour is later than for the usual monthly trip!) there will be a field trip for children and interested adults in Golden Gate Park, San Francisco. The group will meet east of the Conservatory in the Dahlia Gardens. A road off the Main Drive just east of the lawns in front of the Conservatory will take you there. You will find parking space here. Buses along Fulton Street will bring you within a short distance. Get off at Arguello Blvd., go into the Park and turn right at the top of the hill. A path leads down to the Dahlia Gardens. Mrs. Roberta Long and Mrs. George Purmont will lead the trip. The group will walk to the Fuchsia Gardens to observe owls and hummingbirds. Bring your lunch, for the trip will end at 1:30. Please pick up your children at the place where you left them in the Dahlia Gardens. Children eight years of age and younger must be accompanied by an adult. — JANET NICKELSBURG, *Education Chairman*. (The enclosed leaflet on "Wings and Feathers" is for children.)

MARCH TRIP TO LOS BANOS-GRASSLANDS AREA

Sacramento Audubon Society invites Golden Gate members to join the annual overnight field trip to the Grasslands Area of western Merced County on **March 14 and 15**. On Saturday, March 14, meet at 1:30 p.m. in Los Banos at the Canal Farm Inn, and then tour the south end of the Grasslands. Early Sunday morning the group will visit the Los Banos Refuge and San Luis Island. (Last year there were ibis at the Los Banos Refuge.) Make your own overnight reservations. Motels at Los Banos are the Canal Farm Inn, Motel Stardust, Motel Cinderella, La Faria Motel, and a number of others newly constructed. Camping facilities are available at Hatfield State Park on the San Joaquin River near Newman. If you plan to attend or have any questions about this field trip, contact Howard Leach, 3828 French Ave., Sacramento 21 (phone 489-1618). He would like to know how many people to expect.

TWO WILDLIFE FILMS ON MARCH 31

"Awake to Nature" is the title of the Audubon Wildlife Film by Dr. Alfred G. Etter to be shown in the Berkeley Little Theatre on **Tuesday, March 31** at 8 p.m. Dr. Etter has devoted his life to studying the world of nature in an effort to discover some of the complex forces which govern the wildlife community. He has served as Consultant Ecologist for the government, Research Associate for the Washington University School of Medicine, and has taught ecology and conservation at Michigan State University. Dr. Etter's film shows how life works out its designs in a country creek, in the north woods, and in the suburbs. Crossbills lick salt and moose parade at Isle Royale, Lake Superior. Returning from the wilderness to the suburbs, the photographer shows familiar songbirds and small animals living on vacant lots and in parks. Dr. Etter points out that living with nature is becoming a forgotten art, and man is forcing his control on the earth, altering the landscape and poisoning it with chemicals. Film sequences used on television to document "The Silent Spring of Rachel Carson" fill the screen in their original color as Dr. Etter speaks from his personal experience of the effects of spraying programs on wildlife.

On Tuesday's "double bill," Laurel Reynolds will show her beautiful film on Audubon Canyon Ranch at **7:15 p.m.** Mrs. Reynolds and Mrs. Mindy Willis collaborated in photographing the nesting egrets and herons in the trees at Canyon Ranch and the variety of wildlife along the trails and in Bolinas Lagoon.

Tickets may be purchased for \$1.00 at the door of the Berkeley Little Theatre, Allston Way near Grove St., Tuesday evening, March 31.

OAKLAND CHRISTMAS BIRD COUNT — 1963

Area covered: 15-mile diameter circle, centered at Wildwood Avenue and Highland Avenue, Piedmont.

Count day: January 1, 1964.

Weather: 28° to 50°. *Wind:* w-nw, 1-5 miles per hour. Foggy over bay to 9 a.m., clear and cold rest of area.

Leaders: Harry Adamson, Dr. Albert Boles, Theodore Chase, Paul Covell, A. Laurence Curl, Betty Dealey, Violet Homem, Marshall Jencks, L. Richard Leimbach, Phyllis Lindley, Marie Mans, Arthur H. Myer, John Ralph, Elsie Roemer, Loris P. Smith, Beth Snyder, Lee Stalleup, Richard Stalleup, Inez Troxell, Arthur Wang.

Observers: Betty Adamson, Richard Bailey, Diana Brown, Harold Connon, Fairmount Cumming, Mr. and Mrs. Ivor Davies, Valeria and Robert DaCosta, Julie Evans, Dena Frederic, Phil Gordon, Erlene Hevel, Violet Jencks, Junea Kelley, Elizabeth Jenkins, Jan Kroesen, Grace Lewis, Phyllis Lindley, Marie Mans, William Monheit, Dick Morris, Tom and Agnes Oezkewecz, Aileen Pierson, Jessie Saunders, Mrs. Loris P. Smith, Jean Stalleup, Patricia Tiggard, Bertha Underhill and Edwin Willis.

Totals: 51 observers, 165 species, approximately 92,354 individuals. Thirty-two people attended the buffet dinner at the home of R. Adm. and Mrs. R. Morgan Watt, Jr., in the evening and had a most enjoyable time.

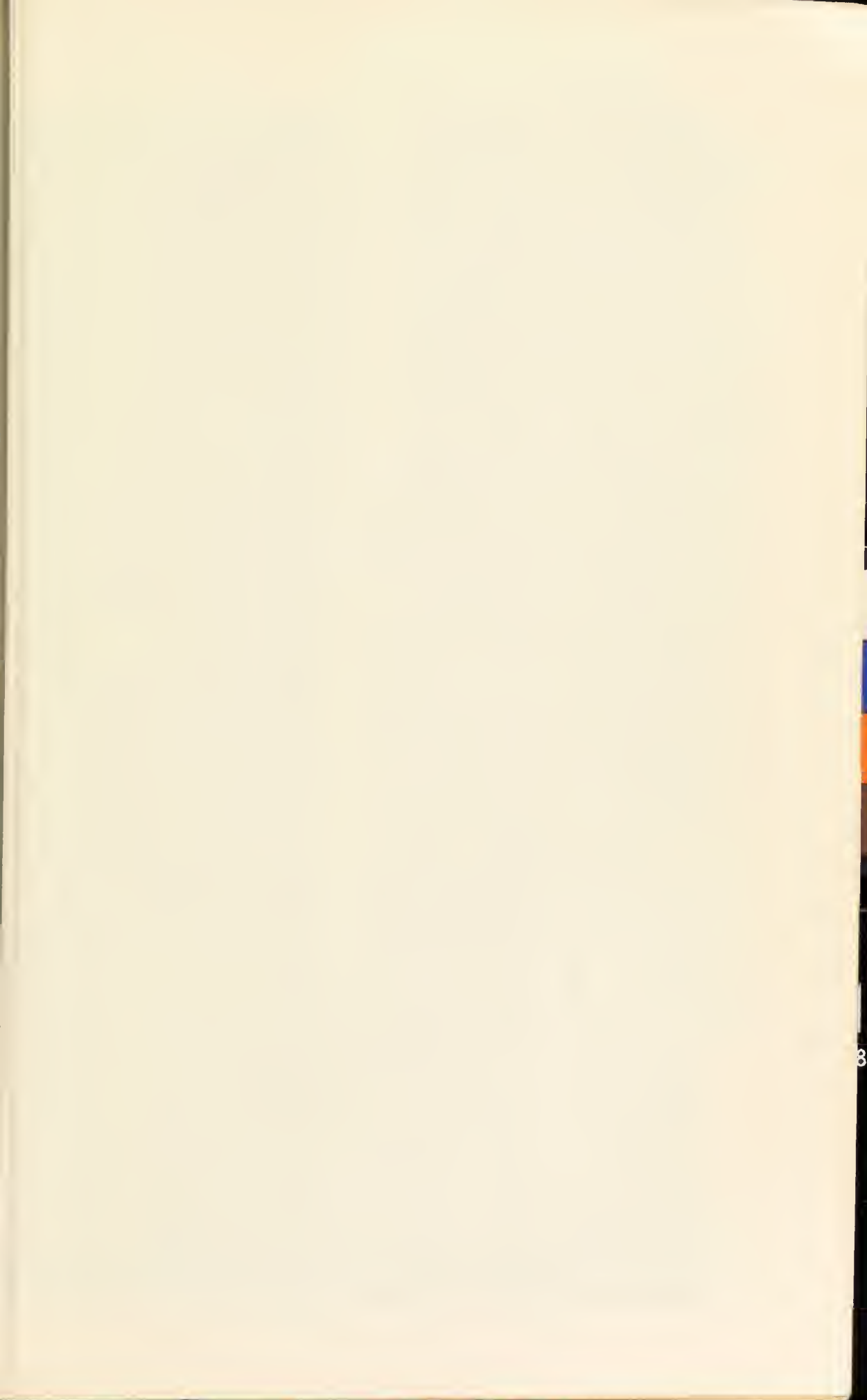
*Species of special interest

**Numbers of special interest

Seen in count period but not on day of count: red-necked grebe and white pelican. (Last year's Oakland Christmas Count listed 152 species.)

Compiler: Harold G. Peterson

LOON, Common	1	**Oldsquaw	9
Arctic	1	SCOTER, Sp?	500
Red-throated	2	White-winged	779
GREBE, Horned	62	Surf	4,557
Eared	158	DUCK, Ruddy	8,353
Western	49	MERGANSER, Hooded	6
Pied-billed	42	Common	1
PELICAN, Brown	3	Red-breasted	60
CORMORANT, Double-cr.....	31	VULTURE, Turkey	10
Pelagic	6	*KITE, White-tailed	1
HERON, Great Blue	18	HAWK, Sharp-shinned	5
Green	1	Cooper's	3
EGRET, Common	23	Red-tailed	32
Snowy	60	HAWK, Marsh	1
HERON, Bl.-cr. Night	2	Sparrow	32
BITTERN, American	1	QUAIL, California	414
GOOSE, Canada	317	PHEASANT, Ring-necked	3
White-fronted	1	RAIL, Clapper	17
DUCK, Sp?	2,016	Virginia	4
Mallard	505	Sora	3
Gadwall	4	COOT, American	3,126
Pintail	622	PLOVER, Semipalmated	38
TEAL, Green-winged	106	Snowy	82
Cinnamon	5	Killdeer	262
*WIDGEON, European	1	PLOVER, Black-bellied	2,521
American	622	TURNSTONE, Ruddy	5
Shoveler	273	Black	4
DUCK, Wood	15	SNIPE, Common	10
Redhead	2	CURLEW, Long-billed	66
DUCK, Ring-necked	283	Whimbrel	22
**Canvasback	3,697	SANDPIPER, Spotted	4
SCAUP, Sp.-	9,605	Willet	1,761
Greater	327	YELLOWLEGS, Greater	6
Lesser	265	Lesser	1
GOLDENEYE, Common	862	KNOT	76
*Barrow's	2	*SANDPIPER, Baird's	5
Bufflehead	1,220	Least	904



WINGS AND FEATHERS (A leaflet for the children)

Birds and airplanes which fly through the air which surrounds the earth are supported by that air and stay up only so long as they are moving along. While we cannot see the air that holds them up it is a very real substance upon which the wings rest. The larger an object is the greater must be the surface of its wings, though if the speed at which the object is made to move is increased sufficiently the size of the wings may be smaller.

The motion of an airplane is supplied to it by its engines. These may turn propellers or shoot out heated air from jets in the rear. The motion of birds, on the other hand comes from the beat of its wings. However, on most birds the whole wing is seldom used to propel the bird. It is the tip of the wing, moving rapidly which acts as the propelling force while that part of the wing closest to the body of the bird, like the wing of an airplane, holds it up in the air or supports it weight.

In order to understand how a bird flies you should know something of the structure of its wings. The bones which form the framework can be compared to the bones in our own arm. Between the shoulder and the elbow is an upper arm bone, which can only be moved up and down, not in a circular motion like in man. Below the elbow joint is the forearm composed of two bones, the radius and the ulna. The outer of these, the ulna, together with the upper arm bone forms the elbow joint. Upon the ulna are borne the smaller of the flight feathers, the secondaries. Attached at the other end of the forearm at the wrist are the hand bones. These, having only three fingers are quite different from our own. Two of the three fingers are fused or attached to each, other, while the third, the thumb can move freely along the leading edge of the wing. This thumb, called the alula, has a group of feathers growing upon it and is very important to a bird in controlling its flight. On the other two bones of the hand grow the

eight or nine primary flight feathers. These strong leathers serve the bird as propellers, while the secondaries on the forearm support its weight in the air. (Watch a seagull in flight and you will be able to observe how the primaries propel the bird while the almost motionless secondaries support its weight.)

Feathers are wonderful structures, light and very strong. Their shafts are hollow and their barbs, which are attached to the shaft on each side, are joined one to another by tiny hooks. In this way the whole feather presents to the air a firm and well-knit surface. Because each feather overlaps its neighbor the wing is of sufficient firmness to support the bird's weight. All flight feathers, from those of the smallest hummingbird to those of the largest owl, are built on the same plan. Though their plan is the same, they may differ in a number of ways from one bird to another depending upon the needs of that bird.

The owl which hunts by night must, of course, have wings that will give it a quick and silent flight so that it can pounce noiselessly upon its prey. In order to effect this the forward facing edges of the barbs of its wing feathers have soft fringes which serve to muffle sound. The large size of an owl's wings also contributes to its ability to swoop silently, for the larger the wing the slower its beat. Slow motion makes little sound and the quiet slow beat of an owl's large wing will not alarm any animal which the owl is hunting.

The hummingbird's very small wing can move with great speed, as fast as 52 beats a second. This sometimes makes it difficult to see anything of the wing but a blur when the bird is in flight. The wing is also very narrow and since in the hummingbird there is a little or no movement of the wrist and elbow bones, the wing is manipulated for

the most part from the shoulder. It can be raised from here above the bird's body, rotated back and forth, so that the bird can hover like a helicopter and even fly backward.

Another great difference between the owl and the hummingbird is the size and shape of their bills. What a bird eats is determined by the shape of its bill. The owl because of its sharp beak, hooked at the end can eat what no hummingbird would be able to, rodents and small birds. The hummingbird on the other hand, has a long thin probe by means of which it is able to drink nectar from trumpet-shaped flowers and to pick up tiny insects, something no owl could possibly do.

While looking for owls it might be interesting for you to keep a sharp look-out on the ground for owl pellets. These are about the shape of an olive, some smaller and some larger. They are composed of the fur and bones of the animals devoured by an owl, for owls swallow their prey whole. Then in a special stomach the bones and fur are separated from the digestible food parts and are formed into these pellets. Later the pellets are regurgitated, or thrown out. It is by means of these pellets that scientists have been able to determine exactly what owls eat.

Have a good time with Mrs. Long and Mrs. Purmont!

Janet Nickelsburg, Education Chairman

Dunlin	10,054	CREEPER, Brown	3
DOWITCHER, Sp.?	71	Wrentit	480
Short-billed	595	WREN, Winter	10
Long-billed	50	Bewick's	107
SANDPIPER, Sp.?	200	Long-billed Marsh	2
Western	4,682	Mockingbird	22
GODWIT, Marbled	1,220	THRASHER, California	42
* Sanderling	2,420	* ROBIN	2,268
AVOCET, American	3,923	THRUSH, Varied.....	51
GULL, Sp.?	1,334	Hermit	109
Glaucous-winged	1,942	BLUEBIRD, Western	24
Western	615	KINGLET, Golden-crowned..	7
Herring	1,218	Ruby-crowned	54
California	629	PIPIT, Water	193
Ring-billed	1,761	WAXWING, Cedar	530
Mew	345	SHRIKE, Loggerhead	15
Bonaparte's	453	* Starling	628
TERN, Forster's	25	VIREO, Hutton's	16
Caspian	2	* WARBLER, Orange-crowned	1
PIGEON, Band-tailed	17	Myrtle	4
DOVE, Mourning	435	Audubon's	73
* Ringed Turtle	1	Townsend's	2
OWL, Barn	4	Yellowthroat	1
Screech	7	SPARROW, House	518
* * Great Horned	57	MEADOWLARK, Western....	459
Pygmy	1	BLACKBIRD, Redwinged....	215
Burrowing	3	Brewer's	1,573
Short-eared	8	COWBIRD, Brown-headed...	3
Saw-whet	1	GROSBEAK, Evening	2
HUMMINGBIRD, Anna's	74	FINCH, Purple	91
KINGFISHER, Belted	2	House	1,455
FLICKER, Yellow-shafted....	1	SISKIN, Pine	211
Red-shafted	95	GOLDFINCH, American....	194
WOODPECKER, Acorn	26	Lesser	56
SAPSUCKER, Yellow-bellied	8	* CROSSBILL, Red	14
WOODPECKER, Hairy	1	TOWHEE, Rufous-sided	294
Downy	12	Brown	542
Nuttall's	7	SPARROW, Savannah	114
PHOEBE, Black	3	Lark	145
Say's	3	Rufous-crowned	9
LARK, Horned	142	JUNCO, Slate-colored.....	2
JAY, Steller's	134	Oregon	712
Scrub	270	SPARROW, White-crowned..	934
CROW, Common	142	Golden-crowned	569
CHICKADEE, Chestnut-bk..	153	White-throated	2
TITMOUSE, Plain	96	Fox	340
BUSHTIT, Common	759	Lincoln's	1
NUTHATCH, White-breasted	11	Song	287
Red-breasted	65		

CANYON RANCH TO OPEN MARCH 1

Audubon Canyon Ranch will be opened to visitors this year on March 1, and will be closed on June 30. For individuals the ranch will be open on Saturdays and Sundays from 11 a.m. to 4 p.m. Groups may visit the ranch during the week, but permission must first be obtained from Mrs. Thomas Price, P.O. Box 197, Belvedere (phone 435-1121).

During the time the ranch is open to the public, both on week-ends and week days during the group visits, it will be staffed with hosts and hostesses

supplied by the two Audubon societies — Marin and Golden Gate. Marin will take on responsibility for March and May, and our months will be April and June. Procedures set up last year will be followed. In addition, Audubon Canyon Ranch, Inc., will maintain a warden at the ranch on Saturdays and Sundays when the ranch is open to the public.

Would you like to serve as a host or hostess this year? The work is pleasant, and by greeting visitors and helping to make their trip enjoyable and constructive, you will be making a worthwhile contribution. If you can help in this way during April or June, please get in touch with Mrs. Phyllis Zweigart, who will be our coordinator this year. Her address is 1508A Edith St., Berkeley, and her telephone number is 526-7295. (Mrs. Zweigart is on crutches recovering from an accident, and she asks you not to hang up if she does not answer promptly. Sometimes it takes her eight or ten rings to get to the phone.)

**MAY MEMBERSHIP MEETING — SATURDAY, MAY 9 — AT CANYON RANCH
SAVE THE DATE — DETAILS LATER**

BIRD OBSERVATIONS

On a trip to Rodeo Lagoon on January 23, Val and Bob DaCosta found a dead "oiled" ancient murrelet. On February 3, park rangers saw a Clark's nutcracker in Mt. Diablo State Park. The Sacramento *Observer* reports a male vermilion flycatcher south of Thornton on January 13 and 14. *He was photographed.*

NEW MEMBERS

We welcome the following new members to our Society: from Alameda, Mrs. Robert Evans; from Albany, Mr. and Mrs. Zady Kriel; from Berkeley, Mr. Woodbridge Bingham, Mr. Theodore Long Hodges, D. B. Luten, Margaret McCarthy, Mr. and Mrs. Charles Smith; from Concord, Mr. Robert T. Crow; from Daly City, Sing-jok Ju; from Hayward, Olga E. Kennedy; from Oakland, Mrs. A. P. Bigelow, Mr. Richard Erickson, Dr. H. Donald Grant, Dr. Elizabeth A. Murphy, Dr. Charles A. Rowe, Mrs. Gladys Stevens, Miss Rita Whitmore; from San Francisco, Mrs. Ruth Betts, Mrs. Donald A. Dallas, Mrs. Mary B. Davis, Doran L. Ford, Mrs. Ann Hagen, Mr. and Mrs. W. S. Whitaker; from San Leandro, Mr. and Mrs. Mike Alcamo, Jr.; from Santa Cruz, Mr. John S. Myszak; from Walnut Creek, Mr. and Mrs. C. W. Ojala. — VALERIA G. DaCOSTA, *Membership Chairman.*

IN MEMORIAM

The following gifts of remembrance were made to the Audubon Canyon Ranch Fund:

In Memory of :
Grace Nelson

Lillie S. Brunner
Frederick M. Fisk
Cook M. Jones
Dr. Harry G. Ford
Otto Selin
Grace Nelson
Roy Lutzi
Mrs. Minnie Carter
Marijke van Nouhuys
Anna Nicolson

Gift of:

Erlene Hevel
Aileen Pierson
California Alpine Club
Alice Radcliffe
Miriam Jones
Mr. and Mrs. Douglas McCallum
Mr. and Mrs. Douglas McCallum
Bonnie Smith
Bonnie Smith
Clelia A. Paroni
Mary T. Underhill
Edith and Thecla Garvey

— DR. ALBERT BOLES, *Sanctuary & Memorial Fund Chairman*

LLOYD E. GRAYBIEL — SANCTUARY TRUSTEE

We are pleased to announce that Lloyd E. Graybiel, special counsel to the law firm of Long & Levit, will serve as trustee of Golden Gate's Sanctuary and Memorial Fund to fill the vacancy created by the expiration of Howard Cogswell's term. Dr. Albert Boles is trustee chairman, and also serving as trustees are Margaret Milwain, Dr. Eric Reynolds, and Crawford Thomas. — ERLINE HEVEL, *President*

CONTRIBUTIONS TO CONDOR FUND & RICHARDSON BAY SANCTUARY

Golden Gate Audubon Society recently contributed \$300 to the National Audubon Society — to provide \$200 for the Condor Protection Fund and \$100 to help with the planting program at the Richardson Bay Sanctuary. Our contribution of \$200 will be of help to NAS in meeting its obligation to pay one-half of the cost of a full-time forest service patrolman in the Condor Refuge. Our contribution to the Richardson Bay Sanctuary will help in getting an educational program started, the first steps of which involve a clean-up of the grounds and a well-planned planting program.

FROM SAN DIEGO "SKETCHES"

We have received a request to reprint the following statement by Dr. James E. Crouch in *San Diego Sketches* to show another viewpoint on a controversial subject:

"Periodically someone becomes incensed about the collection of birds for scientific purposes. In doing so, they usually claim that wanton killing is indulged in by scientists. As an ornithologist, conservationist, and teacher for over 30 years, I have found no evidence supporting such claims although I do not doubt, people being what they are, that now and then we might have in our ranks such thoughtless individuals. Certainly they are the exception.

"As one who finds in birds, indeed in all nature, a source of intellectual stimulation; of aesthetic appreciation; of relaxation; and usually, of great joy, I too could easily become emotional about killing for any reason. But one needs only to take a casual look to realize that in nature not only does life beget life, but life lives on other life and necessarily so. If you are among those who very recently indulged in Thanksgiving festivities, you know whereof I speak.

"It would seem to me to be more rational to give whole-hearted support to those who have dedicated themselves to learning more about nature — including the study of the birds — their habits, population, densities, their food and cover requirements, their distribution. It is only on the basis of such knowledge that fruitful conservation practices can be established. Collecting of specimens is a necessary procedure in most of these studies, as it is also in the educational programs sponsored by so many of our museums, schools, colleges and universities.

"Why not direct one's energy on the local level to the problems of land use, to try to protect the few remaining breeding areas of marsh birds, for example, from being turned into housing projects, marinas, or golf courses? Why not take some responsible action to keep the neighborhood boys from shooting birds by working either with them or with their parents? Why not do something to help keep the cat population under control, especially where people are feeding birds? More birds are killed in these ways than by the scientists, and to no end. Opportunities for constructive conservation action are numerous at all levels of political organization. The need is for interested and intelligent people to learn the facts and take some action."

GOLDEN GATE AUDUBON SOCIETY, INC.

Established January 25, 1917 A Branch of the National Audubon Society since 1948

President	Miss Erline Hevel	1801 California St., San Francisco	PR 5-6498
Vice President	Miss Bertha Underhill	35 Tamalpais Rd., Berkeley	848-0131
Vice President	Horace H. Jeter	2485 Chestnut, Apt. 205, San Francisco	WA 2-4238
Treasurer	Mrs. Alice D. Radcliffe	2101 Bay St., San Francisco	JO 7-5856
Recording Secretary	Mrs. Shirley G. Walton	450 Irving, Apt. 7, San Francisco	SE 1-2715
Corresponding Secretary	Miss Patricia A. Tiggard	221 Highland Ave., Piedmont 11	OL5-8567
Director	Miss Aileen Pierson	810 Gonzalez Dr., San Francisco	JU7-4163
Director	A. W. Larson	44 Rincon Road, Berkeley 7	LA5-9149
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Program Chairman	Robert C. DaCosta	2340 Francisco St., Apt. 102, San Francisco	23 WE 1-5257
Education Chairman	Mrs. Janet Nickelsburg	2585 Union, San Francisco	23 WA 1-9449
Sanctuary & Memorial Fund Chairman	Dr. Albert Boles	854 Longridge Road, Oakland 10	GL 1-6267
Wildlife Film Chairman	Mrs. Frances Ellen Fallgatter,	406 El Cerrito, Piedmont 11	OL 5-9582
Conservation Chairman	Paul F. Covell	2860 Delaware St., Oakland 2	KE 6-4120
Canyon Ranch Film Distribution Chairman	Mrs. Bonnie Smith	555 Dewey Blvd., San Francisco	OV 1-7635
Canyon Ranch Fund Raising Chairman	Mrs. Myra Browne	482 Broadmoor, San Leandro	568-1921

Claims for missing numbers of THE GULL should be sent to the Editor. Changes of address should be sent to the Membership Chairman.

Monthly meetings second Thursday, 7:30 p.m. Joint Membership, Local and National, \$8.50 per year, includes AUDUBON MAGAZINE and THE GULL. Subscription to THE GULL separately \$2.00 per year.

Visit the Conservation Center of the NATIONAL AUDUBON SOCIETY
2426 Bancroft Way, Berkeley, California 94701 TH 8-4042

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