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Oldsquaw, at Aquatic Park, Berkeley (Jan. 17, 1971)

—Photo by Dick Johnson

—17—



MARCH WILDLIFE FILM

A last-minute change brings us a different film for the last program in this year's Wildlife Film Series. Burdette E. White, a new and promising addition to the staff of Wildlife Film photographer-lecturers, will present "On the Trail of Feathered Jewels and Other Gems of Nature" on **Thursday, March 4, at 8:15 p.m.** This film should impress upon even the most skeptical the urgent need for bringing human influences into harmony with environmental relationships. Among the many "gems of nature" to be seen are some bizarre and rarely observed predatory insects (perhaps some of those for which man has substituted DDT et al.). Also included is some of the best footage ever filmed of hummingbirds!

After graduating from U.C., Berkeley, Mr. White became a biology instructor and then an educational administrator. In 1967 he abandoned his career to give full time to wildlife filming and to conservation.

The film will be shown in King Junior High School Auditorium-Theater, Rose Street at Grant, Berkeley. Single admission at the door is \$1.50 for adults and \$1.00 for students under 18. Children under 12 are admitted free when accompanied by an adult.

S. F. BAY WILDLIFE SLIDE SHOW — MARCH 11

William Anderson, Conservationist-photographer, will show his beautiful slides of the wildlife of the South San Francisco Bay area at our regular meeting at **7:30 p.m. Thursday, March 11**, in the Rotary Natural Science Center, Lakeside Park, Oakland. Mr. Anderson's outstanding photos are featured in the colored brochure, "A National Wildlife Refuge for South San Francisco Bay," published by the Santa Clara County Planning Department in September 1969. The South San Francisco Bay National Wildlife Refuge bill will have Congressional hearings this spring.

William Anderson was selected as Wildlife Conservationist of 1970 in the National Wildlife Federation Achievement Awards Program. He recently retired from his position as Assistant Wildlife Manager-Biologist with the California Fish and Game Department after 22 years of service.

A no-host dinner will begin at 6:30 in Lovely's Buffet, 336 Grand Avenue at Perkins Street, one block from the Natural Science Center. Bring your friends.

MUSEUM PROGRAMS

The Oakland Museum's March Sunday Film Series includes three Disney films, "Bear Valley" (**Mar. 7**), "Beaver Valley" (**Mar. 14**), and "Islands of the Sea" (**Mar. 21**), plus "The San Juan Islands," a new color film by Clair Calhoun about a family's sailing trip on Puget Sound, with visits to archeological sites, tide pools, Friday Harbor Marine Research Lab, and many other exciting places. Sunday films will be shown twice, at **1:30** and **3:00 p.m.** The Museum's Adventure Club will show Disney's "The Vanishing Prairie" on **Friday, Mar. 26, at 8:00 p.m.** All programs will be in the Museum Theater. Admission is free.

COVEL'S CONSERVATION CORNER

It did happen here. The collision of two oil tankers in heavy fog off the Gate resulted in one of the greatest disasters to San Francisco Bay and contingent offshore waters and beaches that most of us can recall. We have also witnessed a near miracle — the mobilization of the thousands of volunteers of all ages who fought the deadly, floating menace. It is hoped that these volunteers will be remunerated by the responsible oil company for the prodigious amounts of bird-cleaning supplies they purchased. Other costs to the volunteers were disrupted household schedules, hours lost from jobs and school, and the destruction of shoes and clothes.

When I visited Agate Beach and Duxbury Reef on January 21, there were hundreds of young people scraping the gooey pollutant from tide pools and beaches with rakes, shovels, and pitchforks, packing it with bare hands into cartons and buckets, and carrying it over slippery rocks to the trucks and loaders that crawled down the single, muddy access road to the beach. Not a complaint was heard.

The bird-cleaners presented another phenomenon in the flesh! I'll never forget the scene at the Richardson Bay Audubon Center, where Norman McIntosh and his wife Beverly struggled to maintain an efficient center for cleaning and caring for the hundreds of oiled birds they received. At the cavernous, old Ford Plant warehouse in Richmond, now used by the University, heaps of material were stacked everywhere, children were tearing up rags and old cloths for cleaning, drying, and warming birds, and patient bird-cleaners sat or stood by their baths of mineral oil. Others dried birds while still others gently force-fed those that survived rescue and cleaning.

Prominent among the workers, organizers, and supervisors participating in bird rescue and cleaning operations were many officers and other members of the various Bay Area chapters of Audubon. Alex McMillan of Marin and Josh Barkin of GGAS worked tirelessly throughout the entire effort, as did Mary Jefferds, who single-handedly ran an Audubon communications center, coordinating activities by phone and counselling with volunteers who called to ask how and where they could help.

John Smail and other members of the staff of Point Reyes Bird Observatory together with students of the College of Marin performed heroic feats, rigging booms across Bolinas Lagoon and Limantour Estero in addition to rescuing and organizing volunteers. The Department of Fish and Game contributed boats, men, and planes. Ecology Center and Ecology Action groups around the Bay served as communication centers and helped in many other ways to coordinate volunteers, obtain bird-cleaning supplies, and set up bird-care centers. Apologies are extended to any agencies, groups, organizations, or individuals left unmentioned here.

Still, a profound sense of frustration came upon many of us as the first shock waves of this environmental disaster passed, particularly with the sad realization that there existed no plan for the efficient

coordination of volunteers, supplies, and the dissemination of information on methods of rescue and cleaning.

We must applaud the Sierra Club and other organizations and individuals who recommended more stringent controls on movements of oil tankers throughout the country — controls at least as good as those for aircraft! Legislation for this purpose has been presented to Congress in the past but has failed for lack of public concern or support. Imagine what the results would have been if both ships had been supertankers!

President Josh Barkin and I inspected the two largest bird rehabilitation centers on January 27. Handling, feeding, and other care of the survivors had by then been organized into highly efficient operations although the methods of cleaning, feeding, and medication differed at the two facilities.

Waterfowl received at the San Francisco Zoo were cleaned and dried in spacious quarters under the Lion House, and later moved to larger enclosures outdoors in the Elephant House complex, where both heated, covered areas and large pools were available for them. Frozen fish, thawed and cut into small pieces, was used for food. Some were being force-fed, but many were avidly eating on their own. The public was able to view these outdoor areas and thereby gain vivid impressions of the consequences of the oil disaster.

The Richmond facility, however, had more birds and more volunteers, professional biologists, even veterinarians in constant attendance. As at Richardson Bay, the use of live mosquito fish stimulated voluntary feeding by the grebes, murres, and loons. All feedings and medications were scrupulously recorded on "bedside" charts, which means that valuable scientific information should accrue from all this. The playing of "sea sounds" over a sound system soothed workers if not the birds! The survival rate at Richmond was good: as of mid-February 256 scoters, 114 grebes, and 30 other birds were alive and feeding. The GGAS Board of Directors voted to spend a small sum for research, specifically for the correlation of survival rate with methods of cleaning and care at the various receiving centers. —PAUL COVEL, *Conservation Chairman*.

HERON ROOKERY THREATENED

The Morro Coast Audubon Society needs our support in urging the California State Department of Parks and Recreation to acquire five acres of shoreline property as a Nature Preserve. Bordered by tall eucalyptus trees, this piece of land is used as a rookery by more than a hundred Great Blue Herons and Black-crowned Night Herons. Tourists, nature lovers, and school children have for years enjoyed watching the herons and their nests from the observation platform of the adjacent Museum of National History. Now the rookery is threatened by a proposal to develop the property commercially.

Two prior, unsuccessful attempts have been made to persuade Parks

and Recreation to purchase this site — one of the few places in the area where people can enjoy the shoreline. The Department needs to be shown that people support acquisition of the rookery. Write to Director Wm. Penn Mott, Jr., Sacramento 95814, to Governor Reagan, and to Assemblyman Wm. M. Ketchum, 1155 Marsh St., San Luis Obispo 93401.

FIELD TRIPS FOR MARCH

Sat. Mar. 6 — A return trip to Tubbs Island, a project of The Nature Conservancy. Take Highway 101, turn east on Highway 37 (Black Point cut-off). Cross Petaluma River Bridge, and 4 miles further cross Tolay Creek Bridge. Park immediately on the other side near a locked gate. We will caravan through the gate at **9 a.m.**, and the gate will be locked behind us. Bring lunch and interested friends. Leader, S.S. Whitehead (933-3390).

Sun. Mar. 14 — Golden Gate Park. Meet at **9 a.m.** at the boathouse on Stow Lake. The trip will include Stow Lake and the Arboretum. On this trip you should see early nesting birds—e.g., Hutton's Vireo and hummingbirds -- and, in Stow Lake, a close-up view of ducks that did *not* have to be cleaned up after the oil spill. Leader, Val DaCosta (931-5257).

Wed. Mar. 17 — Golden Gate Park, to study ducks, gulls, and Belted Kingfishers. To avoid commuters meet at **9:45 a.m.** at the Chain of Lakes 43rd and Fulton. Bring lunch. Leader, Vi Homem (339-1886).

Sat. Mar. 20 — Bodega Bay, a wonderful spot for ducks and shorebirds. Take Highway 101, turn west in Petaluma at the Bodega Bay sign. Meet at **9:30 a.m.** in the town of Bodega Bay at the Tides Restaurant. Bring lunch and interested friends. Leader, George Peyton, Jr. (531-5588).

Sat. Mar. 27 — Army Presidio. Meet at **9 a.m.** inside the Presidio at the end of the 45 bus line. Transportation can be provided there for those who need it. Both land birds and sea birds will be sought on this trip. Leader, Mary Louise Rosegay (561-2889).

Sun. Mar. 28 — Tilden Park. There will be two trips this day. If you are interested in learning to bird by ear, come at **6:30 a.m.** Val DaCosta (931-5257) will help you to identify the bird songs. The second trip will concentrate on wildflowers. Meet at **9:30 a.m.** Our well-qualified leader will be Dick Leinbach (526-7649). Take Spruce Street in Berkeley to Grizzly Peak Blvd. Just after crossing Grizzly turn left onto Canyon Drive. Meet at the Little Farm near Jewel Lake. Bring lunch and friends.

—Pat Triggs, Field Trips Chairman.

FIELD TRIP REPORTS

Dillon Beach. In spite of morning fog, twenty-five birders racked up about 70 species Jan. 9 at Dillon Beach and on Tomales Bay's eastshore. Highlights were a flock of about 150 White Pelicans, great gatherings of shorebirds, large numbers of loons, grebes, cormorants, ducks, and geese, and one lone swan. The few who braved the cold until almost dark were rewarded by a leisurely study of an Osprey. —Mary Louise Rosegay, Leader.

Conn Dam. The trips on Dec. 5 & 6 were very successful. There were Lark Sparrows on hillsides and, on a barbed wire fence, a Rufous-crowned Sparrow—a life bird for many. —Patricia Triggs, Field Trips Chairman.

FIELD OBSERVATIONS

Yellow-billed Loon (2) — entrance to Bodega Harbor, Jan. 21 — Baron McLean, Bill Pursell et al. The upturned angle of the lower mandible was clearly visible.

Whistling Swan (3) — Pescadero Marsh, San Mateo County coast, Jan. 5 — Diann MacRae.

European Widgeon (2) drakes — near Palo Alto duck pond, Jan. 14 — many observers.

Oldsquaw — still in Aquatic Park, Berkeley, through mid-January.

California Condor — no reports after January 12. Soon after Dave DeSante reported it on January 10, many observers saw it perched in a tall eucalyptus near Alpine Road and Freeway 280 west of Stanford University, Palo Alto. It was in 3rd-year plumage. Pat Dunbar took movies. In January 1904 a Condor was observed on two occasions a few miles west of Stanford University in San Mateo County, according to *The Birds of the South San Francisco Bay Region* by Charles G. Sibley, 1952. Two Condors were reported in Santa Clara County in 1933.

Golden Eagle (immature) — near Marshall, Tomales Bay area, Jan. 2 — sighted by Dave O'Keefe.

Pigeon Hawk — Tilden Park Nature Area, Berkeley, seen between Jan. 3 (count day) and Jan. 13 — many observers.

Clapper Rail (6) — Alameda South Shore, Jan. 26 — Elsie Roemer et al.

Sora (2) — Alameda South Shore, Jan. 26 — Elsie Roemer et al.

Golden Plover — Aquatic Park, Berkeley, Jan. 6 — Todd Smith, Inez Troxell and U.C. Bird Section group observed it standing and in flight.

Rock Sandpiper (3) — with Surfbirds and Wandering Tattlers on rocks off Bodega Head, Jan. 21 — Baron McLean, Bill Pursell et al.

Yellow-shafted Flicker — Pt. Reyes Peninsula, Jan. 19 — Bill Pursell, Gerard Brady; Bodega Head, Jan. 21 — Baron McLean.

Sharp-tailed Sparrow — **photographed** by Bob Rodrigues in salt marsh on east side of Dumbarton Bridge in late December.

Slate-colored Junco — Oakland garden, Jan. 11 — Florence Fisher.

Lincoln's Sparrow — Coyote Hills Regional Park, Jan. 18.

BAY AREA AUDUBON COUNCIL

The Council (BAAC), a body composed of delegates from Santa Clara Valley, Sequoia, Marin, Madrone, Ohlone, Mt. Diablo, and Golden Gate Audubon chapters, enters its second year of life. Member chapters remain united in an effort to establish a South Bay National Wildlife Refuge. At this year's first quarterly meeting delegates heard a report presented by Don Hille (Berkeley Ecology Action) and Pat McLafferty (representative of the Corps of Engineers' Advisory Committee on Conservation of Environment in Navigation and Transportation (ACCENT)),

who revealed plans that oil and steel companies have for industrial development of Stockton and its environs, including the dredging of the deep-water *Baldwin Channel* for passage of supertankers to Stockton. (Resisting stream channelization is priority 7 of National Audubon Goals for 1971.) Plans of this sort remind us that a sound land-use policy must be formulated statewide.

Madrone Audubon, host chapter for the meeting, has been working closely with Dr. Wm. Kortum, who informed delegates of his efforts to create a California Coastal Alliance — a coalition of conservation groups interested in preserving our coastline as open space. Western Regional Representative Paul Howard attended, as did Sylvia McLaughlin, one of our new National Directors from the West. Mr. Howard made a welcome suggestion that BAAC present awards to legislators who demonstrate by their actions that they have a sincere concern for environmental protection.

CROSS - FLORIDA BARGE CANAL — A BATTLE WON?

Congratulatory letters are due President Nixon in support of his decision to halt construction of the Cross-Florida Barge Canal. Our Western Regional Representative, Paul Howard, has made it known that the President is under heavy pressure to reverse his decision. Please write.

AUDUBON CANYON RANCH

An anonymous donor has given Audubon Canyon Ranch \$1,000 to be used for the removal of the unsightly concrete near the milkbarn and its replacement by grass to create an extension of the present picnic area, a very welcome change for the better.

Camilla Paroni of Oakland, a long-time member of Golden Gate Audubon Society and supporter of ACR, made a generous bequest to the ranch in her will. Edward A. Meyers, another Golden Gate member from Oakland, also made a bequest for which the ranch is most grateful.

Bird sculptor Howard Wheatley Allen held the annual sale of his work at the Hall of Flowers in December. He then contributed 20 percent of his profits from the sale to Audubon Canyon Ranch — a most generous gesture and a demonstration of his and Mrs. Allen's dedication to conservation. Wheat Allen's beautiful bird carvings are for sale at *Shorebirds*, a shop on the boardwalk in Belvedere. Some of his work and his wife Rosemary's notes will be on sale at the ranch this spring.

Audubon Canyon Ranch will be open to the public without charge on Saturdays, Sundays, and holidays **from 10 to 4** beginning **Saturday, March 6**. Appointments for visits by groups of all ages may be made for Tuesdays through Fridays by calling 383-1644. The ranch is located on Highway 1, the Shoreline Highway, three miles north of Stinson Beach on Bolinas Lagoon. The most rewarding time to visit the overlook, from which the rookery can be viewed, is between April 15 and June 15. The ranch is closed on Mondays.

CONSERVATIONISTS, TAKE AIM

"Predator Prejudice: Conservationists, Take Aim" appeared on the back of this year's Wildlife Film Schedule. Taxpayers who read and agree with it should ask their legislators to support a bill to be introduced by Assemblyman Dunlap for protection of the Mountain Lion, an endangered species in California. Hearings will be in April. Stop the use of funds for senseless slaughter. Join the *Coalition to Save the California Mountain Lion* (Chmn., Donn Beattie, 1440 Broadway, Rm. 403, Oakland).

MEMORIAL GIFTS

Gifts of remembrance were made to *Audubon Canyon Ranch*:

<i>In Memory of:</i>	<i>Gift of:</i>
Alice Leet	Dr. & Mrs. Albert Boles, Ethel E. Richardson, Rofena Lewis
Mrs. Irene Castel	Mr. & Mrs. C. E. Blake and Miss Frances Blake
L. D. & Ivadelle Bohnett and Mrs. Mae Rudd	Mr. & Mrs. Thomas A. Oczkewecz

Gifts of remembrance were made to *Audubon Nature Training*:

<i>In Memory of</i>	<i>Gift of:</i>
Alice Leet	Paul & Marion Covell, Bertha S. Underhill
Mrs. Coleman W. Hoyt	Mr. & Mrs. Frederick Mee

A special gift was made to *Audubon Canyon Ranch* by Boy Scout Troop 254 as a Christmas present in honor of Dr. Albert Boles.

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

POINT REYES CHRISTMAS COUNT

The Point Reyes Count day, January 2, 1971, was clear cold, and windy; temp. 32° to 53°; wind northerly, 10 to 40 mph. *Compilers:* Jack Guggolz and Jon Winter. *Totals:* 193 species, 130,000 individuals, 148 observers.

Common Loon	152	Snowy Egret	25
Arctic Loon	31	Black-crowned Night Heron	26
Red-throated Loon	89	American Bittern	5
Red-necked Grebe	5	Whistling Swan	90
Horned Grebe	462	Canada Goose	206
Eared Grebe	233	Black Brant	330
Western Grebe	5,248	Snow Goose	2
Pied-billed Grebe	137	Mallard	123
Sooty Shearwater	2	Gadwall	38
White Pelican	395	Pintail	5,147
Brown Pelican	361	Green-winged Teal	27
Double-crested Cormorant	205	Cinnamon Teal	8
Brandt's Cormorant	618	European Widgeon	1
Pelagic Cormorant	298	American Widgeon	518
Great Blue Heron	152	Shoveler	22
Green Heron	2	Wood Duck	2
Common Egret	20	Redhead	1

Ring-necked Duck	31	Ring-billed Gull	1,619
Canvasback	565	Mew Gull	6,493
Greater Scaup	161	Bonaparte's Gull	13
Lesser Scaup	335	Heermann's Gull	1
Common Goldeneye	466	Black-legged Kittiwake	50
Bufflehead	3,727	Common Murre	217
Oldsquaw	1	Pigeon Guillemot	13
Harlequin Duck	1	Cassin's Auklet	15
White-winged Scoter	455	Rhinoceros Auklet	200
Surf Scoter	3,196	Band-tailed Pigeon	2,663
Common Scoter	100	Mourning Dove	125
Ruddy Duck	5,816	Barn Owl	7
Hooded Merganser	3	Screech Owl	8
Common Merganser	7	Great Horned Owl	68
Red-breasted Merganser	133	Burrowing Owl	4
Turkey Vulture	744	Long-eared Owl	2
White-tailed Kite	12	Short-eared Owl	4
Sharp-shinned Hawk	34	Saw-whet Owl	1
Cooper's Hawk	30	White-throated Swift	1
Red-tailed Hawk	406	Anna's Hummingbird	31
Red-shouldered Hawk	14	Belted Kingfisher	60
Rough-legged Hawk	3	Yellow-shafted Flicker	3
Ferruginous Hawk	4	Red-shafted Flicker	803
Golden Eagle	7	Acorn Woodpecker	52
Bald Eagle	2	Yellow-bellied Sapsucker	14
Marsh Hawk	48	Hairy Woodpecker	23
Osprey	4	Downy Woodpecker	33
Peregrine Falcon	2	Nuttall's Woodpecker	4
Pigeon Hawk	3	Kingbird, Yellowbellied species	2
Sparrow Hawk	257	Black Phoebe	278
California Quail	868	Say's Phoebe	99
Ring-necked Pheasant	5	Horned Lark	104
Virginia Rail	14	Violet-green Swallow	33
Sora	2	Tree Swallow	116
American Coot	6,365	Steller's Jay	174
Black Oystercatcher	11	Scrub Jay	367
Semipalmated Plover	92	Common Raven	463
Snowy Plover	152	Common Crow	750
Killdeer	898	Chestnut-backed Chickadee	582
Black-bellied Plover	457	Plain Titmouse	47
Surfbird	7	Common Bushtit	973
Ruddy Turnstone	2	White-breasted Nuthatch	3
Black Turnstone	137	Red-breasted Nuthatch	15
Common Snipe	278	Pygmy Nuthatch	104
Whimbrel	4	Brown Creeper	26
Spotted Sandpiper	14	Wrentit	475
Wandering Tattler	2	House Wren	3
Willet	1,930	Winter Wren	104
Greater Yellowlegs	11	Bewick's Wren	201
Least Sandpiper	1,291	Long-billed Marsh Wren	141
Dunlin	6,622	Rock Wren	4
Long-billed Dowitcher	116	Mockingbird	2
Western Sandpiper	4,821	California Thrasher	1
Marbled Godwit	1,010	Robin	18,901
Sanderling	1,174	Varied Thrush	359
Jaeger, Sp.	1	Hermit Thrush	554
Glaucous-winged Gull	594	Western Bluebird	481
Western Gull	408	Mountain Bluebird	4
Herring Gull	235	Blue-gray Gnatcatcher	1
California Gull	292	Golden-crowned Kinglet	352

Ruby-crowned Kinglet	1,154	House Finch	470
Water Pipit	618	Pine Siskin	348
Cedar Waxwing	1	American Goldfinch	29
Loggerhead Shrike	74	Lesser Goldfinch	102
Starling	12,166	Green-tailed Towhee	1
Hutton's Vireo	53	Rufous-sided Towhee	162
Orange-crowned Warbler	12	Brown Towhee	439
Myrtle Warbler	327	Savannah Sparrow	371
Audubon's Warbler	1,503	Lark Sparrow	1
Black-throated Gray Warbler	1	Rufous-crowned Sparrow	3
Townsend's Warbler	42	Slate-colored Junco	3
Yellowthroat	16	Oregon Junco	1,064
House Sparrow	233	White-crowned Sparrow	3,185
Western Meadowlark	3,060	Golden-crowned Sparrow	1,576
Red-winged Blackbird	936	White-throated Sparrow	1
Tricolored Blackbird	35	Fox Sparrow	391
Brewer's Blackbird	2,987	Lincoln's Sparrow	6
Brown-headed Cowbird	7	Swamp Sparrow	2
Purple Finch	253	Song Sparrow	758
Cassin's Finch	1		

The following species were observed in the area during the count period but not on count day: Yellow-billed Loon, Northern Shrike, Solitary Vireo.

OAKLAND CHRISTMAS COUNT

The Oakland Count day, January 3, 1971, was clear, cold, and windy; temp. 25° to 52°; wind NE to NW, 10 to 35 mph. High winds discouraged one boat party. *Compiler:* Eugene Hunn. *Totals:* 170 species, 187,973 individuals, 102 observers.

Common Loon	18	Greater Scaup	844
Arctic Loon	2	Lesser Scaup	1,710
Red-throated Loon	39	(Scaup sp. 135)	
(Loon sp. 13)		Common Goldeneye	470
<i>Red-necked Grebe</i>	1	<i>Barrow's Goldeneye</i>	18
Horned Grebe	225	Bufflehead	344
Eared Grebe	59	<i>Oldsquaw</i>	1
Western Grebe	906	White-winged Scoter	462
Pied-billed Grebe	145	<i>Common Scoter</i>	5
Double-crested Cormorant	694	Surf Scoter	1,454
Brandt's Cormorant	15	Ruddy Duck	1,903
Pelagic Cormorant	6	<i>Hooded Merganser</i>	2
Great Blue Heron	39	Common Merganser	157
Common Egret	28	Red-breasted Merganser	135
Snowy Egret	68	Turkey Vulture	59
Black-crowned Night Heron	80	<i>White-tailed Kite</i>	1
American Bittern	1	Sharp-shinned Hawk	6
<i>Whistling Swan</i>	26	Cooper's Hawk	6
Canada Goose	3,429	Red-tailed Hawk	70
<i>Snow Goose</i>	2	<i>Golden Eagle</i>	2
Mallard	880	Marsh Hawk	4
Gadwall	1	<i>Pigeon Hawk</i>	1
Pintail	3,563	Sparrow Hawk	49
(Pintail x Mallard 1)		California Quail	66
Green-winged Teal	83	Ring-necked Pheasant	4
Cinnamon Teal	1	Clapper Rail	5
American Widgeon	704	Virginia Rail	1
Shoveler	266	Sora	1
Wood Duck	83	American Coot	4,434
Redhead	20	Semipalmated Plover	115
Ring-necked Duck	78	Snowy Plover	30
Canvasback	2,332	Killdeer	336

Black-bellied Plover	494	Common Crow	29
Ruddy Turnstone	4	Chestnut-backed Chickadee	355
Black Turnstone	27	Plain Titmouse	79
Common Snipe	10	Common Bushtit	604
Long-billed Curlew	32	White-breasted Nuthatch	8
Whimbrel	5	Red-breasted Nuthatch	33
Spotted Sandpiper	15	Brown Creeper	24
Willet	689	Wrentit	122
Greater Yellowlegs	14	Winter Wren	26
Knot	102	Bewick's Wren	67
Least Sandpiper	200	Long-billed Marsh Wren	2
Dunlin	2,473	Canyon Wren	1
Short-billed Dowitcher	211	Rock Wren	1
Long-billed Dowitcher	75	Mockingbird	22
(Dowitcher sp. 52)		California Thrasher	14
Western Sandpiper	2,372	Robin	100,000
Marbled Godwit	1,146	Varied Thrush	72
Sanderling	340	Hermit Thrush	171
American Avocet	643	Western Bluebird	32
Glaucous Gull	1	Blue-gray Gnatcatcher	1
Glaucous-winged Gull	5,078	Golden-crowned Kinglet	9
Western Gull	3,044	Ruby-crowned Kinglet	110
Herring Gull	1,880	Water Pipit	199
(Thayer's 5)		Cedar Waxwing	607
California Gull	3,490	Loggerhead Shrike	21
Ring-billed Gull	2,552	Starling	13,634
Mew Gull	1,281	Hutton's Vireo	9
Bonaparte's Gull	56	Orange-crowned Warbler	3
Heermann's Gull	5	Myrtle Warbler	24
Black-legged Kittiwake	1	Audubon's Warbler	160
(Gull sp. 1,245)		Townsend's Warbler	3
Forster's Tern	94	Yellowthroat	2
Band-tailed Pigeon	333	House Sparrow	213
Mourning Dove	842	Western Meadowlark	419
Barn Owl	2	Red-winged Blackbird	1,749
Screech Owl	4	Tri-colored Blackbird	18
Great Horned Owl	16	Brewer's Blackbird	3,076
Short-eared Owl	15	Brown-headed Cowbird	106
Saw-whet Owl	3	Purple Finch	14
White-throated Swift	3	House Finch	4,818
Anna's Hummingbird	108	Pine Siskin	113
Belted Kingfisher	4	American Goldfinch	53
Red-shafted Flicker	277	Lesser Goldfinch	81
(Yellow x Red-shafted Flicker 2)		Red Crossbill	3
Acorn Woodpecker	6	Rufous-sided Towhee	139
Yellow-bellied Sapsucker	13	Brown Towhee	519
Hairy Woodpecker	2	Savannah Sparrow	55
Downy Woodpecker	10	Rufous-crowned Sparrow	4
Nuttall's Woodpecker	11	Slate-colored Junco	6
Black Phoebe	14	Oregon Junco	1,240
Say's Phoebe	3	White-crowned Sparrow	1,303
Western Flycatcher	1	Golden-crowned Sparrow	767
Horned Lark	101	White-throated Sparrow	1
Tree Swallow	1	Fox Sparrow	133
Steller's Jay	179	Lincoln's Sparrow	7
Scrub Jay	248	Song Sparrow	224
Common Raven	1		

The following species were observed in the area during the count period but not on count day: White Pelican, Brown Pelican, Green Heron, *White-fronted Goose*, *Lesser Yellowlegs*, Burrowing Owl, *Long-eared Owl*, *Evening Grosbeak*.



GOLDEN GATE AUDUBON SOCIETY, INC.

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1971

THE GULL

March

GOLDEN GATE AUDUBON SOCIETY, INC.

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

President	_____ Joshua Barkin _____	Tilden Park Nature Area, Berkeley 94708	524-2495
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Canyon Ranch Film Chmn.	_____ Mrs. Bonnie Smith _____	555 Dewey Blvd., San Francisco 94116	681-7635

Bay Area Audubon Council (BAAC)

Delegates: Joshua Barkin, George Peyton, Jr., Mrs. Richard F. Johnson (addresses above)

Send address changes to Membership Secretary promptly; Post Office does not forward THE GULL Monthly meetings second Thursday 7:30 p.m. Joint membership, Local & National \$10 per year, includes AUDUBON MAGAZINE and THE GULL. Subscription to THE GULL separately \$2 per year.

High school & college student membership \$6 per year.

The *Gull* deadline is the first of the month for the following month.