



sequoia needles

February 1986

Vol. 34, No. 6

Bulletin of the

SEQUOIA AUDUBON SOCIETY

San Mateo County, Ca.

SAS GENERAL MEETING

BARRY SAUPPE, freshly recovered from tabulating the Christmas Counts results will be our speaker at the February meeting. Barry will concentrate on the identification of sea birds, using his own movies and slides to show how similar species can be separated by subtleties of flight pattern, feeding behavior and - almost incidentally - by appearance.

Those of us who have had the experience of staring out into apparently empty space while Barry identified random dots as sooty shearwaters or black-legged kittiwakes can truly appreciate the skill of this man and the hours of research and birding that have gone into developing that skill.

So come join us on Thursday, February 13 and let Barry share his skill and some of his secrets with us.

Anyone who is planning on attending the pelagic field trip on the following Sunday should consider this a "must" event.

The program will be preceded by a Social Mixer at 7:30 PM and the General Meeting at 8:00. At the San Mateo Garden Center on the Alameda at Parkside.

NEXT MONTH'S PROGRAM

The actions of a few poachers and rogue falconers have given this ancient and unique sport a "black eye" in the opinion of many Auduboners. Kevin McRae will present the falconer's point of view.

... AND IN APRIL

Skip Schwartz, Executive Director of Audubon Canyon Ranch will be our featured speaker. His appearance coincides with the height of the herons' nesting activities at the Ranch and will provide a fitting accompaniment for any trip you may be planning to the heronry.

CHANGES

CLIFF RICHER

One of the pitfalls of volunteer organizations such as ours are the unforeseen changes that often take place. Last month we were forced to accept the resignations of Ruth Simonson and Emily Freeman, our treasurer and secretary. Having received the now famous "offer you can't refuse" they are moving to Bakersfield in furtherance of their careers.

During their short term as officers and members of the Board of Directors they have performed their too often thankless tasks skillfully and conscientiously. Ruth's clear head and calm voice have served to restore order to some of our occasionally fervid debates while Emily's sense of "fair play" has restored perspective to other discussions. Their good taste was reflected in their selection of our thank-you award to Frank and Jean Allen. It is a cliché and a platitude to say that they will sorely be missed, but that does not make it any less true. We thank them and wish them good luck in their new careers.

Regretfully we have also accepted the resignations "for personal reasons" of Anne Scanlan-Rohrer and Scot Rohrer. Anne has been a dynamic and influential member for the last several years, serving as Secretary, Vice-president and Publicity Chairperson while also being the moving force behind the Sequoia Natural History Series. Her most notable achievement has been *San Francisco Peninsula Birdwatching* which she edited and for which she has also acted as business manager. Scot has been on the Boards of both Sequoia Audubon and Audubon Canyon Ranch where his reasoned counsel and good humor were valued assets. He also did all of the much-acclaimed maps for *San Francisco Peninsula Birdwatching*. Together they have been frequent field trip participants, and were part of the original Wild Goose Chase Team in '84. They have left a very large gap for us to fill.

Also, our office is presently un-staffed. A search committee consisting of Elgin Juri, Nick Coiro and Linda Kypta has been appointed to find a new staff person and they hope to have the office re-staffed by the time you receive this edition of the *NEEDLES*. Temporarily the office is being operated by volunteers who are contributing their time and efforts in order to maintain continuity.

The optimist (whether he believes it or not) says that change should be looked upon as an opportunity. If true, this is one case where opportunity has come knocking with a very heavy hand. Certainly we have lost the talents of an extraordinary number of very talented and resourceful people in a relatively short time.

However, one of the immediate opportunities is to see how some of our members react to such an extraordinary set of events. During these last few weeks Linda Kypta has seemingly been everywhere - organizing, co-ordinating and just plain working to keep things going. Elgin Juri did a remarkable job of redefining some of our objectives and in preparing a new job description for our office staff. Mary Bresler volunteered to act as Secretary for the remainder of

(Continued on Page Four)

CALENDAR

February 1986

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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FEB. 2 FIELD TRIP - STOCKTON, LODI AND THE DELTA - The SUNDAY trip begins at the Stockton Oxidation Ponds, goes on to the Lodi Sewage Plant Ponds and then caravans through the back roads of the Delta. The Stockton ponds are famous for their wintering little and black-headed gulls and the Lodi ponds for their shorebirds while the Delta is noted for its winter populations of waterfowl - swans, geese and sandhill cranes especially - and raptors - notably rough-legged and ferruginous hawks. We will meet at 9:00 A.M. at the entrance to the Stockton Oxidation Ponds. To get there follow I-580 east to I-5 and I-5 north to Stockton. Just before you get to the city itself take the exit for Highway 4 (also known as Charter Way) and proceed a little more than 2 miles to the entrance (also known as John Turk Road.) After one or two hours sifting through the thousands of Bonaparte's gulls looking for the rarities we will proceed north along I-5. Directions will be provided to our second meeting spot at that time. Following this we will caravan along the back roads of the Delta. Trip will go rain or shine. Bring lunch and liquids. Walking will be minimal.

LEADER CLIFF RICHER 355-4058

FEB. 6 SAS BOARD MEETING. 7:30 PM at the Bank of America Bank Building, 400 El Camino Real, Burlingame. ALL MEMBERS ARE WELCOME.

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 /===== WELCOME! \=====\
 : FIELD TRIPS AND THE GENERAL MEETINGS ARE OPEN TO ALL :
 : MEMBERS AND TO THE GENERAL PUBLIC. BEGINNERS ARE WELCOME :
 : ON ALL OF OUR FIELD TRIPS. SOME TRIPS ARE DESIGNATED AS :
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 : MAY BE ENJOYED WITHOUT SPECIAL CLOTHING, EQUIPMENT OR :
 \===== PRIORITY EXPERIENCE. /=====\
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FEB. 8-9 LOS BANOS REFUGES AND PANOCHÉ VALLEY FIELD TRIP.
 SATURDAY One of our highlight field trips of the year
 SUNDAY covering two diverse areas and exposing us to a variety of rare and unusual birds. The four refuges north of Los Banos are noted for white-faced ibis, sandhill cranes, a large variety of waterfowl and shore birds, raptors and owls. Twenty miles south of Los Banos, Little Panoche Road winds its way through the Diablo Range into Panoche Valley where wintering flocks of mountain plovers, vesper sparrows, mountain bluebirds, long billed curlews, and perched raptors vie with the resident roadrunners, phainopeplas and chukars for the birders' attention. Saturday we plan on meeting in the parking lot of the Los Banos Wildlife Area on Henry Miller Road at 9:00 A.M. Sunday we will meet at the parking lot above Little Panoche Detention Reservoir at 8:30 A.M. The trips will go on rain or shine. Reservations are recommended at this time of year. Negotiations are underway for reduced rates at a quality motel but were not complete at press time. Call the office or the trip coordinator for an update. Information packets will be available at the meeting place or at the office.

LOS BANOS LEADER JOHN SILLIMAN 585-3232
 PANOCHÉ VALLEY LEADER GIL WEST 359-0820
 TRIP COORDINATOR CLIFF RICHER 355-4058

(Continued on Page Three)

NEWS FROM THE RANCH

JEANNE PRICE

Audubon Canyon Ranch received two extremely generous gifts of land at the end of 1985. The Board has accepted with great appreciation a 71 acre site of virgin land on Tomales Bay's Tom's Point from Meg Mull. One which "greatly enhances the Ranch's Tomales Bay holdings," said Flora MacLise, ACR Board President.

This land of native grass stands and small ponds will be preserved in its natural state. It will be open for environmental study but only through special permission from the Ranch Headquarters, according to MacLise.

The Board is happy to announce that David Bouverie has chosen to give ACR the entire remaining undivided interest in the 364 upper acres of his property which make up the Bouverie Audubon Preserve.

Mr. Bouverie has gradually been giving this acreage to the Ranch over the past five years. The completion of this generous gift preserves a beautiful example of California valley habitats, including grassland, chaparral, redwood forest and oak woodland.

March first ACR begins its 25th year as a wildlife sanctuary. On April 6, 1961 the Marin Audubon Society Board decided to buy the first acres in what today is Picher Canyon. Special events during the coming year will celebrate this silver anniversary.

It's time to fill your calendar with springtime events at ACR's three properties.

AT CYPRESS GROVE: March 15. Ray Peterson and John Keeley will lead a new trails hike including the recently finished Livermore Marsh trail.

AT BOLINAS:

February 15-16. Connie Calhoun will give another of her mushroom classes. Call Marin Discoveries at 927-0410 for more information.

February 22. The annual Friends Day is again offering a free lunch and the opportunity to work up an appetite for it. Ray Peterson promises jobs for everyone no matter what your age or talent.

March 8. Want to learn about pruning your trees and vines? Paul Vossen, Sonoma County Farm Advisor, will give a one day class.

March 27-29. John Kipping and Ray Peterson will hold a Family Easter Class with hikes, lots of learning and fun too.

(Continued on Page Four)

BIRDATHON '86

CLIFF RICHER

It hardly seems as if the Wild Goose Chase is over and it's time to start planning for this year's Birdathon.

Overall our two year participation has been a success but there have been some disappointments. In our first year, 90% of the fundraising was done by one individual, and in the second year more than 50% by the same person. In both years, birding participation was limited to the "official" teams.

This is contrary to the intention of the Birdathon which is supposed to encourage the widest possible participation by the membership, both as fundraisers and as birders. Most Audubon chapters encourage participation by all of their active birders. Many bring in "guest stars" to assist. Seattle Audubon was represented by the state's governor last year.

This year our top fundraiser has said that he will not do any independent solicitation since he doesn't wish to "burn out" his sources. This leaves a big gap if we are to continue depending on this important source of revenue.

While we will undoubtedly still field an "official" team and try to broaden our telephone solicitation base, we will be extending our efforts in other directions as well. We will have at least one Birdathon Field Trip in which all participants will have to have raised a minimum amount in pledges. We will also be calling individual birders and asking them to participate.

Why become involved at all? The top reason is that it's fun. It's a different kind of birding with all of the fun of the Christmas Count and none of the boredom of counting 1600 coots or 10,000 scaup. You have no restrictions except that all species must be seen in a single 24 hour period. You can go to a favorite area and enjoy it at your own pace or you can race from area to area to pile up the largest number of species possible. The rules are up to you.

Believe it or not, even the fundraising can be fun. The Audubon Society is generally regarded quite highly and there are very few people with a negative attitude. At worst, you'll find that your prospective pledgers regard birders as mild eccentrics. Most commonly you'll find that there is an almost universal fascination with birds and often you'll be asked to identify a bird from a vague description.

This year's Birdathon is scheduled for mid-May so you have plenty of time to plan ahead. Why don't you surprise us and become a 'Thoner? Call the office (593-7368) and leave your name or call Cliff Richer (355-4058). Your help is needed and will be appreciated.

CALENDAR (Continued from Page Two)

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Sun	Mon	Tue	Wed	Thu	Fri	Sat	
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2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28		

FEB. 13 SAS GENERAL MEETING. IDENTIFICATION OF PELAGIC THURSDAY SPECIES with BARRY SAUPPE. Barry all but invented the concept of pelagic birding from shore. Even though he cannot share his eyesight or memory with us, he can share the secrets he uses to identify these species at extreme long range. At the San Mateo Garden Center on the Alameda at Parkside. Social Mixer at 7:30 PM, General Meeting begins at 8:00. See page one for further details.

FEB. 15 MOSS LANDING AND ELKHORN SLOUGH. An informal SATURDAY afternoon field trip leading up to Sunday's pelagic trip. Meet at 12 noon at the intersection of Highway One and Jetty Landing in Moss Beach. Itinerary and emphasis will depend upon current sightings, road and weather conditions.

LEADER PETER METROPULOS

FEB. 16 PELAGIC TRIP FROM MONTEREY. This "reservations SUNDAY only" trip has been filled for some time but it may still be possible to "climb aboard" by contacting the tour operator directly. Call Debbie Love Shearwater, 408-688-1990, for information. Meeting time is 6:30 A.M. in Monterey, so you may wish to make arrangements for accommodations in the area. Since this is President's Day weekend, moderately priced accommodations in Monterey are already booked but - at press time - accommodations are available in Seaside and other neighboring communities.

SAS COORDINATOR LINDA KYPTA 591-9053

FEB 22 CHARLESTON SLOUGH & PALO ALTO FLOOD CONTROL BASIN SATURDAY FIELD TRIP. Geographically isolated from the other areas of the Palo Alto Baylands, this complex area of salt and freshwater ponds, brackish marshes, creeks, sloughs, grasslands and riparian growth offers a wide variety of wildlife in the midst of the highly industrialized and developed western bay-front. As a result it offers much to both the beginning and the skilled birder. Relatively rare birds such as blue-winged teal, redheads, merlins, and short-eared owls are regular winter residents and a wide variety of other species can be observed in a relatively small area with a minimal expenditure of time. Charleston Slough and the nearby Mountain View Forebay and Shoreline Park are reliable for white pelicans, moorhens and burrowing owls and in mid-January were hosting a glaucous gull, a parasitic jaeger, a red-necked grebe and a pair of Eurasian wigeons. To get there, take Hwy. 101 to the Embarcadero exit and proceed east to the first traffic light at Frontage Road. Take a right on Frontage Rd. and look for a small parking lot on the left after approximately a half mile. We will meet there at 9:00 A.M. and bird until noon. Heavy rains will cancel the trip. Regardless of weather expect to encounter some muddy going. Other than that the terrain is flat and the small amount of walking will be easy going. A good trip for beginners and advanced birders alike.

LEADER ELGIN JURI 325-7470

FEB. 25 OWLS -SEQUOIA NATURAL HISTORY SERIES SEMINAR - OWLS TUESDAY Many creatures of the night - such as bats, rattlesnakes and scorpions - are regarded with fear and loathing. Yet the most efficient predators of the night are universally regarded with affection. Owls - with their large eyes, super-sensitive hearing, silent flight and sharp claws are capable of hunting in the daytime and often do, but it

(Continued on Page Four)

CALENDAR (Continued from Page Three)

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2	3	4	5	6	7	8
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is after dark that their special adaptations give them an immense advantage over their prey. Steve Laymon has been studying these fascinating creatures for years and will share his knowledge and experience with us. 7:30 PM at the Sears Saving Bank in the Carlmont Shopping Center at the intersection of Ralston Ave. and the Alameda del la Pulgas in Belmont.

MAR. 1 OWLS - SEQUOIA NATURAL HISTORY SERIES FIELD TRIP SATURDAY The time and place(s) will be announced at the seminar. Owling is far from an exact science and there can be no guarantee of any success. It can be the most frustrating and the most rewarding birding of all. Patience, quiet and a powerful flashlight or lantern are all helpful and an experienced leader is essential but the main requirement is luck. Our previous owl seminar had everything except the last. *This one should have everything.*

SEMINAR LEADER STEVE LAYMON
Enrollment Limited -- Reservations and \$10.00 Fee Required
Send your check made out to Sequoia Audubon to:
Sequoia Audubon Society
720 El Camino Real, Suite 403
Belmont, California 94002

Please make sure that you include your name, address and telephone number and indicate that the check is for the Owl Seminar. The class will be filled in the order that the checks are received.

March 1986						
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30	31					

MAR. 6 SAS BOARD MEETING. 7:30 PM at the Bank of America THURSDAY Bank Building, 400 El Camino Real, Burlingame. ALL MEMBERS ARE WELCOME.

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MAR.8-9 CYPRESS GROVE AND BODEGA BAY FIELD TRIP -- A new SATURDAY area for us and one which is not normally open to the general public. See next month's *NEEDLES* for details.

LEADER RICK BAIRD 574-1067

MAR. 13 SAS GENERAL MEETING. FALCONRY with KEVIN MC RAE. THURSDAY At the San Mateo Garden Center on the Alameda at Parkside. Social Mixer at 7:30 PM, General Meeting begins at 8:00. See page one for further details.

DID YOU KNOW that Clark's grebe is now a separate species? The NG guide has a description of it under western grebe.

CHANGES (Continued from Page One)

the year if an otherwise qualified nominee for the board could be found. And the three of them plus Cliff Richer are staffing the office for this month. Kathy Graves, whose schedule has heretofore kept her from being as active as she would have liked, assisted Rick Baird in performing some necessary but unpleasant tasks and was a whirlwind of efficiency in reorganizing our office. Nick Coiro volunteered to return to the Board as Treasurer for the remainder of the year and his offer was gratefully accepted in a special meeting of the Board held following the January General Meeting. And - typically - who came riding back out of the sunset on their white horses but the Allens! At meeting time, Frank was at his accustomed post by the slide projector and when the addressing machine and one of the slide projectors broke down it was Frank who took them away to be repaired. Meanwhile, behind the scenes, there was Jean, taking the membership records home with her to make sure they didn't get behind.

However we cannot expect these people to go on wearing two, three, four or more hats indefinitely. The gaps must be filled as soon as possible. We must find two Directors (or a Secretary and a Director), a Finance Committee Chair, a Membership Chairperson, a Publicity Chair, a person to coordinate the Sequoia Natural History Series and the Audubon Adventures Program (an Education Committee?), an ACR Board Member, an ACR Host and/or Hostess, and a Nominating Committee for the forthcoming year.

So here is your opportunity. Take advantage of it. Help make your Audubon Society go. If you have the interest and the time to help out in any of these areas, let us know. Call the office (593-7368) or call any of the officers and directors for more information or to volunteer.

NEWS FROM THE RANCH (Continued from Page Two)

Further information on these events is available by calling 383-1644.

AT BOUVERIE PRESERVE: Community Hike Days on February 22, March 29 and April 26 from 9:30 A.M. to 1:30 PM. Reservations are required and must be received by Wednesday prior to each Saturday hike. Please call 707-938-4554.

WILD GOOSE CHASE CONTRIBUTORS

CLIFF RICHER

We want to thank all of the following contributors who helped put the Wild Goose Chase well over the top of its goal of \$2000. Just before we went to press we received three last minute contributions which put us over \$2500! And there are still a very few who have not turned in their pledges!

Thanks again to all of you!

Stephen Aldrich	Kathy Graves
Rachel Barnsley	Len Greenwald*
Lorin Bishop	Bob Hamill*
Ray and Andrea Bottini	Phoebe and Bruce Harlow
Pat Bradley*	Sue and Brian Hart
Elisa Broussard*	Linda Hilton*
Gary Cardani*	Sharon Hom
Dick Carter*	Janet Hopper
Dan Centoni*	Betty Jewell
Nick Coiro	Hank Isaacs*
Bob Cracolice*	Gene Leone*
John and Celeste Cron*	Karen Leong
Barbara Daubert	Michael Macchiaverna
Lucille Davies*	Genevieve Miller
William de Wit	Frank Minnick
George Descalso*	Patricia Neumann
Janet Duerr & Steve Schafer	Jess and Lori Parks
Jim Dynes*	Anne Paulsen*
Fred and Catherine Grafton	Shirley Sampson
Max and Nancy Grandfield	Tom Taber

*indicates non-members

Received from 12/15/85 to 1/15/86	738.80
GRAND TOTAL TO JANUARY 15, 1986	2529.98

San Francisco Peninsula Birdwatching is Sequoia Audubon Society's guide to birding sites in San Francisco and San Mateo County. More than 30 different spots are described and accompanied by maps, directions and helpful notes about each spot. A species index directs you to habitats for the birds you want to see. Order one for yourself and several as gifts! Use this form to order your copy today. Only \$10.78 (Taxes, shipping and handling included).

Also available by mail - including postage and tax

National Geographic Field Guides	\$16.00
Birding at the Bottom of the Bay	8.25
Mono Lake Guidebooks	7.60
Birds of the Sacramento Area	4.50

Send checks to: Sequoia Audubon Society
720 El Camino Real #403
Belmont, Ca. 94002

NAME

ADDRESS

CITY STATE ZIP

ALSO AVAILABLE AT MEETINGS AND SOME FIELD TRIPS



**San Francisco
Peninsula
Birdwatching**

HIGHWAYS OR TRANSIT

GERALD H. MERAL

California is growing by half a million people a year, creating a tremendous need for new transportation systems. But the Legislature and the Governor have yet to agree on the proper mix of public transit and highway funding.

The Planning and Conservation League gives transit funding a high priority. Without additional funding, how will the fastest growing areas of the state meet their transit needs? The rate of population growth is highest in counties which are poorly served by public transportation and where local governments spend the least on this important service. California is sprawling outside the reach of transit service.

But the picture is not entirely bleak. Los Angeles County, where 21% of the new growth is occurring, is spending \$257 million a year from a new one-half cent sales tax for transit purposes and is planning two new rail lines. San Diego, the third fastest growing county, has a successful light rail line and an ambitious program to extend it. Light rail systems are also planned for San Jose and Sacramento.

Katherine Thompson, President of the Sacramento Modern Transit Society, has noted that new road construction usually leads directly to increased urban sprawl and worsened air pollution. "If endless suburbs, around the clock congestion and eternal smog are not to be the fate of California, then much greater emphasis must be given to mass transit. Funding for these programs must be given more than crumbs from the table of the highway lobby."

Unfortunately, the Deukmajian Administration has yet to recognize these basic facts and has cut transit funding year after year. PCL is working to change these priorities, and to pass legislation that will promote, rather than frustrate, public transportation.

(Excerpted from California Today, the newsletter of the Planning and Conservation League.)

CLIFF RICHER

The PCL has reiterated the conventional wisdom regarding mass transit but has omitted the single most important fact - that mass transit systems are not cost-effective and will not be for some time to come.

The costs of construction are far more per mile than the costs of highways that will move a similar number of people. Highways do not require expensive and fragile rolling stock. Maintenance costs are lower for roads. Labor costs for rapid transit systems throughout the nation are ludicrously high due to feather-bedding, politically motivating unions and politically motivated management.

A top-heavy bureaucracy characterized by empty titles and redundant consultants was once typical of state highway departments but is now an accepted fact of life in municipal and regional transit systems.

With a relatively stable fuel cost and the increasing efficiency of today's cars, the average cost of traveling from Daly City to downtown San Francisco by automobile has actually decreased over the last ten years. Only downtown parking costs have kept our highways from becoming even more crowded.

And rapid transit is not without its environmental costs. The travel strip is narrower, but the stations, parking lots, access roads and maintenance facilities eat heavily into that advantage. Total energy consumption is considerably lower but is still high and producing that energy may require the building of new nuclear plants, the damming of a wild river or the burning of acid rain-producing high sulphur coal.

This is not to say that we should not be building rapid transit facilities. We should, however, be prepared to accept that the conventional wisdom is not workable in every situation and that being on the "right" side of an issue does not necessarily mean that there isn't another equally "right" side to that same issue.

WETLANDS AND THE SUPREME COURT

In a 9-0 decision, the US Supreme Court has denied the appeal of Riverside Bayview Homes, Inc., in a victory for proponents of seasonal wetlands preservation. US vs. Riverside Bayview Homes, Inc. brought before the Supreme Court the question of whether seasonally inundated wetlands are covered under the Clean Water Act, and are thus under the jurisdiction of the Corps of Engineers.

By their decision, the court has clarified Congress's intent in the Clean Water Act to protect such wetlands. The impact this will have in the Bay Area is great. Many of our seasonal wetlands are of this type: inundated by rain-water. The Corps has vacillated over the extent

of their jurisdiction on these wetlands, but now has a clear mandate to claim jurisdiction over these wetlands. They should now require mitigation for any seasonal wetlands destruction or should deny permits where such mitigation is not included.

Hope Babcock of National Audubon Society's Washington staff has described the decision by the Court as "going about as far as they can go to protect wetlands".

(Extracted from The Avocet, the newsletter of the Santa Clara Audubon Society - January, 1985)

1985 CHRISTMAS COUNT RESULTS

---CHRISTMAS COUNT---			---CHRISTMAS COUNT---			---CHRISTMAS COUNT---		
SPECIES	CRYSTAL SPRINGS 12/28/85	AMO NUEVO 1/4/86	SPECIES	CRYSTAL SPRINGS 12/28/85	AMO NUEVO 1/4/86	SPECIES	CRYSTAL SPRINGS 12/28/85	AMO NUEVO 1/4/86
LOON, RED-THROATED	77	29	CRANE, SANDHILL	1	0	CROW, AMERICAN	6	8
LOON, ARCTIC	93	47	PLOVER, BLACK-BELLIED	377	38	RAVEN, COMMON	10	5
LOON, COMMON	27	6	GOLDEN-PLOVER, LESSER	0	1*	CHICKADEE, CHESTNUT-BACKED	612	462
GREBE, PIE-BILLED	126	28	PLOVER, SNOWY	30	12	TITMOUSE, PLAIN	34	1
GREBE, HORNED	65	13	PLOVER, SEMI-PALMATED	49	1	BUSHTIT	621	390
GREBE, EARED	21	4	KILLDEER	326	126	NUTHATCH, RED-BREADED	2	0
GREBE, WESTERN	356	37	OYSTERCATCHER, AMERICAN BLACK	5	30	NUTHATCH, WHITE-BREADED	5	0
GREBE, CLARK'S	6	0	STILT, BLACK-NECKED	28	1	NUTHATCH, PYGMY	27	30
FULMAR, NORTHERN	7	12	AVOCET, AMERICAN	817	0	CREEPER, BROWN	27	53
SHEARWATER, BULLER'S	2*	0	YELLOWLEGS, GREATER	21	7	WREN, BEWICK'S	112	27
SHEARWATER, SOOTY	0	2	WILLET	2021	88	WREN, HOUSE	4	0
SHEARWATER, BLACK-VENTED	1	0	TATTLER, WANDERING	1	4	WREN, WINTER	38	24
PELICAN, BROWN	2	2	SANDPIPER, SPOTTED	11	0	WREN, MARSH	29	21
CORMORANT, DOUBLE-CRESTED	968	37	WHIMBREL	44	4	DIPPER, AMERICAN	2	3
CORMORANT, BRANDT'S	87	67	CURLEW, LONG-BILLED	28	0	KINGLET, GOLDEN-CROWNED	42	3
CORMORANT, PELAGIC	62	75	GODWIT, MARBLED	663	40	KINGLET, RUBY-CROWNED	300	159
BITTERN, AMERICAN	0	2	TURNSTONE, RUDDY	18	2	BLUEBIRD, WESTERN	31	25
HERON, GREAT BLUE	39	19	TURNSTONE, BLACK	77	164	THRUSH, HERMIT	46	4
EGRET, GREAT	132	9	SURFBIRD	9	58	ROBIN, AMERICAN	2776	683
EGRET, SNOWY	209	24	KNOT, RED	205	1	THRUSH, VARIED	103	161
EGRET, CATTLE	1	0	SANDERLING	353	350	WRENTIT	234	49
HERON, GREEN-BACKED	1	0	SANDPIPER, WESTERN	3408	0	MOCKINGBIRD, NORTHERN	47	1
NIGHT-HERON, BLACK-CROWNED	9	15	SANDPIPER, LEAST	785	8	THRASHER, CALIFORNIA	10	0
SWAN, TUNDRA	0	3*	SANDPIPER, ROCK	1	1	PIBIT, WATER	293	59
BRANT	1	0	DUNLIN	2535	0	WAXWING, CEDAR	1108	10
GOOSE, CANADA	190	0	DOWITCHER, SHORT-BILLED	104	0	SHRIKE, LOGGERHEAD	14	1
DUCK, WOOD	0	3	DOWITCHER, LONG-BILLED	125	13	STARLING, EUROPEAN	3069	326
TEAL, GREEN-WINGED	94	31	SNIFE, COMMON	74	12	VIREO, HUTTON'S	60	31
MALLARD	707	123	GULL, BONAPARTE'S	23	4	WARBLER, ORANGE-CROWNED	9	0
PINTAIL, NORTHERN	2599	93	GULL, HEERMANN'S	11	91	WARBLER, NASHVILLE	2	0
TEAL, CINNAMON	15	25	GULL, MEW	604	138	WARBLER, YELLOW-RUMPED	128	8
SHOVELER, NORTHERN	167	135	GULL, RING-BILLED	2753	17	WARBLER, YLW-RMPED (Myrtle)	9	14
GADWALL	90	32	GULL, CALIFORNIA	3445	1085	WARBLER, YLW-RMPED (Audubon's)	584	256
WIGEON, EURASIAN	1*	0	GULL, HERRING	299	39	WARBLER, BLACK-THRTD GRAY	1	0
WIGEON, AMERICAN	982	41	GULL, THAYER'S	5	4	WARBLER, TOWNSEND'S	70	208
CANVASBACK	3811	66	GULL, WESTERN	1335	1850	YELLOWTHROAT, COMMON	26	16
REDHEAD	2	0	GULL, GLAUCOUS-WINGED	1100	330	WARBLER, WILSON'S	1	0
DUCK, RING-NECKED	180	95	GULL, GLAUCOUS	0	1*	BUNTING, INDIGO	1*	0
SCAUP, GREATER	10283	2	KITTIWAKE, BLACK-LEGGED	1	3	TOWHEE, RUFOUS-SIDED	56	10
SCAUP, LESSER	14290	3	GULL, species	311	0	TOWHEE, BROWN	260	86
DUCK, HARLEQUIN	0	2*	TERN, FORSTER'S	33	3	SPARROW, SAVANNAH	151	25
SCOTER, BLACK	35	0	MURRE, COMMON	47 (low)	550	SPARROW, FOX	141	20
SCOTER, WHITE-WINGED	99	11	MURRELET, MARBLED	2	1	SPARROW, SONG	165	73
SCOTER, SURF	3037	95	AUKLET, CASSIN'S	0	4	SPARROW, LINCOLN'S	34	6
GOLDENEYE, COMMON	1020	52	AUKLET, RHINOCEROS	1	27	SPARROW, WHITE-THROATED	3	0
GOLDENEYE, BARROW'S	34*	0	DOVE, ROCK	807	62	SPARROW, GOLDEN-CROWNED	571	294
BUFFLEHEAD	761	44	PIGEON, BAND-TAILED	95	45	SPARROW, WHITE-CROWNED	637	469
MERGANSEER, HOODED	57*	0	DOVE, MOURNING	612	141	JUNCO, DARK-EYED	626	327
MERGANSEER, COMMON	2	4	BARN-OWL, COMMON	5	1	BLACKBIRD, RED-WINGED	289	948
MERGANSEER, RED-BREADED	12	27	SCREECH-OWL, WESTERN	2	1	BLACKBIRD, TRI-COLORED	82	381
DUCK, RUDDY	3986	156	OWL, GREAT HORNED	11	3	MEADOWLARK, WESTERN	517	353
VULTURE, TURKEY	6	8	PYGMY-OWL, NORTHERN	1	1	BLACKBIRD, BREWER'S	3051	2307
KITE, BLACK-SHOULDERED	36	10	OWL, BURROWING	1	0	COMBIRD, BROWN-HEADED	39	0
HARRIER, NORTHERN	26	16	OWL, SHORT-EARED	7	2	BLACKBIRD, species	3000	2000
HAWK, SHARP-SHINNED	10	5	OWL, NORTHERN SAW-WHET	6	2	FINCH, PURPLE	158	82
HAWK, COOPER'S	4	3	HUMMINGBIRD, ANNA'S	235	14	FINCH, HOUSE	1366	612
HAWK, RED-SHOULDERED	15*	3	KINGFISHER, BELTED	12	3	CROSSBILL, RED	0	6
HAWK, RED-TAILED	47	34	WOODPECKER, ACORN	49	72	SISKIN, PINE	516	92
HAWK, ROUGH-LEGGED	6	2	SAPSUCKER, RED-BREADED	3	4	GOLDFINCH, LESSER	33	1
KESTREL, AMERICAN	52	37	WOODPECKER, NUTTALL'S	4	0	GOLDFINCH, AMERICAN	52	4
MERLIN	1	1	WOODPECKER, DOWNY	23	11	GROSBEEK, EVENING	0	3
FALCON, PEREGRINE	2	0	WOODPECKER, HAIRY	10	10	SPARROW, HOUSE	569	4
PHEASANT, RING-NECKED	0	1	FLICKER, NORTHERN	78	52			
QUAIL, CALIFORNIA	308	350	PHOEBE, BLACK	69	63	Number of Observers	58	40
RAIL, CLAPPER	3	0	PHOEBE, SAY'S	14	9			
RAIL, VIRGINIA	9	11	LARK, HORNED	11	0	Total Species	185	161
SORA	4	3	SWALLOW, species	2	0			
MOORHEN, COMMON	1	0	JAY, STELLER'S	178	120	Individual Birds	99484	19822
COOT, AMERICAN	2283	567	JAY, SCRUB	394	43			

THE 1985 CHRISTMAS COUNTS

FRANK ALLEN

Just as Christmas Counts birding is always rewarding, our CBC Compilations are a lot of fun. Loyal people return year after year to continue the research, and generous people continue to support the Compilations. Delicious French garlic bread was prepared by Emily Freeman, Hazel Hiler and Clarie and Tamra Hollenbeck. Delectable desserts were made by Ione Blamphied, Janet Duerr, Dorothy Juri and Georgia Perkins. Jean Allen made the chili and salad for both compilation gatherings. Thanks to all of them and to the participants for our successful Christmas Bird Counts this year. And our deepest thanks to Barry Saupe, our SuperBirder Member and Compiler who made it all possible.

(Thanks is especially heartfelt for those who braved the miserable weather of the Ano Nuevo Count, - particularly along the immediate coast - and to those along the ridges who braved it on both counts. A complete listing of all species will be found on Page Seven - Ed.)

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