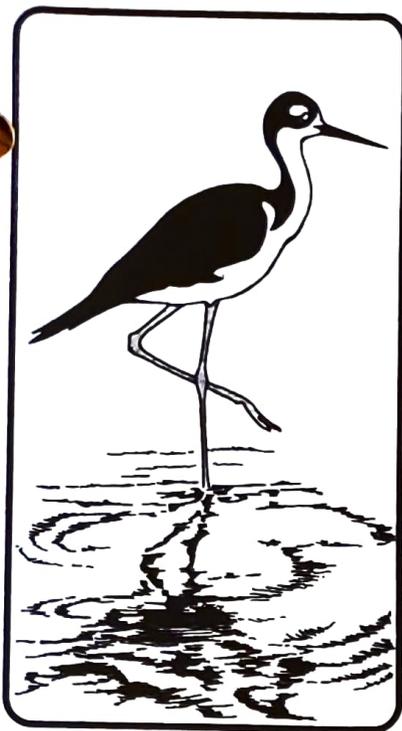


The Stilt

Vol. 14 No. 3

Fall 1995



Vicki R. Jennings

The 1995 Colonial Waterbird Breeding Season

Great Blue Herons Around the Bay.....

And SFBBO's Great Volunteer Observers

*Editor's Note: Every spring brings a new cycle of breeding and a new season of SFBBO's Colonial Waterbird Monitoring Program, which documents the breeding success of the Bay's birds that nest in colonies. SFBBO volunteer field observers lay claim to a "site", that is, a place where one or more colonies of gulls, terns, herons, egrets, cormorants or shorebirds attempt to rear their broods. Some colonies contain mixed species, but a few species prefer to go it alone. A case in point is the Great Blue Heron, which nests on the Bay and also inland, but never far from water. In this issue, we asked some of our Great Blue observers to recount their tales from the field for readers of *The Stilt*.*

Golden Gate Park

A Tale of Two Nests
by Nancy DeStefanis

In February of this year, I got a call from Valerie Layne at SFBBO asking me to observe any great blue herons nesting this season at Stow Lake in San Francisco's Golden Gate Park. Little did I know that I was about to embark on an emotional roller coaster of highs and lows during the next six months and make dozens of new friends.

My love affair with the great blue began in 1994 when a group of us witnessed the birth of three chicks atop a Monterey Cypress tree on an island at Stow Lake. Thirsting for more information I made three separate trips to Audubon Canyon Ranch (ACR), where I was advised of the Heron and Egret Project being cooperatively conducted by ACR and the San Francisco Bay Bird Observatory (SFBBO). I promptly phoned Valerie since the nest was in San Francisco and came under SFBBO's jurisdiction. Valerie informed me that this solitary nest was the only known heron nest in San Francisco! So when on Thanksgiving Day, 1994, I noticed an adult great blue heron back at the only recently vacated nest I was overwhelmed with joy. I promptly started a diary to record the heron's comings and goings.

As the volunteer site coordinator at Stow Lake, it quickly became apparent to me that I would need other volunteers to help study the behavior of the (now) five herons which were congregating on and around the two year old nest. Lorraine Grassano, the park ranger, was so excited about the arrival of the herons, that I quickly

recruited her to help with the study. (When the park was closed during the big storm, she was able to bypass the barriers and check if our birds still remained at the nest.) Scott and Roni had followed the nesting cycle with me the year before and were enthusiastic in wanting to learn more about the herons. Jean had recently moved to San Francisco and had accidentally discovered the birds on her early morning walks around Stow Lake. She had quickly become a regular observer and was thrilled to join the study. I furnished each of them with data forms and we were off!

On January 3, 1995, there appeared five great blue herons in and around the old nest. Two adults were on the nest engaged in the snap and other courtship displays. Just the week before, I observed these two in the circle flight in the sky directly above the nest. Two other adults were perched in the trees at left and right of the nest. A juvenile was perched at the very top of the monterey cypress holding the nest!

For the next month the two paired off herons engaged in major rebuilding of the nest. The other three herons all loafed nearby. On February 18th, a great blue sat down on the nest. In the days that followed, the other two adults started hanging out in a tree about fifty feet behind the original nest. We all began to wonder if this was the beginning of a second nest! On March 5, we clearly observed this new pair engaged in bill dueling and dragging branches around. On March 6, a friend and I

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Bird Observatory**
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*Top row-from left to right:
Mike Hayman, Maureen
Hayman, Perry Whittle,
Kate Ulrich, Carol Henry,
Tom Henry, Sharon Walters
and Harriet March Page.*

*Front row: Jean Palmeter,
Nancy DeStefanis, Lorraine
Grassano, Roni, Scott
Chapek and Yvonne
Littleton.*

The Stow Lake volunteer observation team (Photo by Jean Palmeter)

watched the new pair mate twice on this new perch! In the days that followed, one adult stayed constantly on the new perch, while at the original nest, one adult sat and changed periodically with its mate for nest relief.

On March 10th the big storm struck the Bay Area and the Park was immediately closed to traffic and pedestrians because of falling trees. Luckily, Lorraine the park ranger was able to drive by the Lake and check the original nest. The news was not good. For at least two of the storm days, no adult was visible on the nest. For the next week after that, the adult only stood at the nest. Finally on March 19th, the adult sat down again. Things seemed back to normal as the pair traded places regularly at the nest, rotated the eggs every hour or two, and preened each other. Then red-shouldered hawks began appearing on trees nearby or flying overhead. Two days later double-crested cormorants began ominously sitting on the branch directly above the nest.

Meanwhile, as the storm came to an end, the adults on the back perch were engaged in speedy construction of nest number two! On March 20th, one of the pair was observed sitting for the first time. Phone lines started to burn up with the news of two nests at the Stow Lake Rookery!

Although red-shouldered hawks continued to perch near one or the other of the nests, and the cormorants continued their evening perch above nest number one-the daily routine at both nests seemed to bode well for both pairs. We relaxed quite a bit when we learned from Valerie that cormorants are not generally predators. More likely, they were trying to steal nesting material from the herons or considering starting a nest nearby and checking out the view.

On April 24th, we celebrated the birthday of the first chick at nest number two with ice cream sodas at Just Desserts. On April 26th the second chick was spotted with our Bushnell Spacemaster spotting scope. On May 4th we were certain that a third chick was up there! We were fortunate in that both the nests were out in the open, affording good views of their most intimate and banal activities!

While we celebrated the birds' good fortune at nest number two, our fears increased about the prospects for success at nest number one. Two and one-half months had elapsed since the birds began sitting at nest number one- and still no chicks. (28-30 days is the average incubation time for herons.) It became clear that the storm had destroyed the eggs, but we held out hope that the birds had re-nested, that is, laid new eggs. By now there were hundreds of people

avidly watching both nests. At least ten more people were providing data to the official observers and excitement set in as the three chicks began to branch hop and take their first flights. One day a parent flew in with a live gopher and dropped it into the nest! Never a dull moment!

We named the chicks Sharon, Helen and Ellen. My friend Sharon Walters, a member of my accordion band, "The Gospel Accordion to Women", started writing a song about the birds and I helped her finish it. We called the song "My Blue Herons" -to the tune of "My Blue Heaven"- and performed it on the TV news as well as for the bird observers at a picnic I organized on July 14th. It was a big hit at the Park and the herons loved being serenaded by Sharon on accordion and Scott on base!

As I write this story August 1st, the chicks at nest number two have been gone one month, and the adults at nest number one are still sitting. Hope springs eternal that one day we'll walk by and a chick will appear. (However, according to John Kelly, resident biologist at Cypress Grove Preserve, it's more probable that the herons will realize they're sitting on bad eggs and abandon the nest.) We'll know pretty soon.

But a miracle of a different kind has already occurred at Stow Lake. People who were once strangers have become

friends. A bunch of strange, incredibly charismatic birds have worked their magic on untold numbers of visitors to Golden Gate Park. And as one of these people, I can attest to the fact that we have all become more in tune with the planet, and a lot more in touch with our fellow humans. And that my friends, is a pretty good thing. See you next season!

Morgan Hill

by Robin Dakin,
SFBBO volunteer and 1994 summer
intern

My survey of the Morgan Hill Great Blue Heron nesting site for SFBBO's Colonial Waterbird Monitoring Program began in

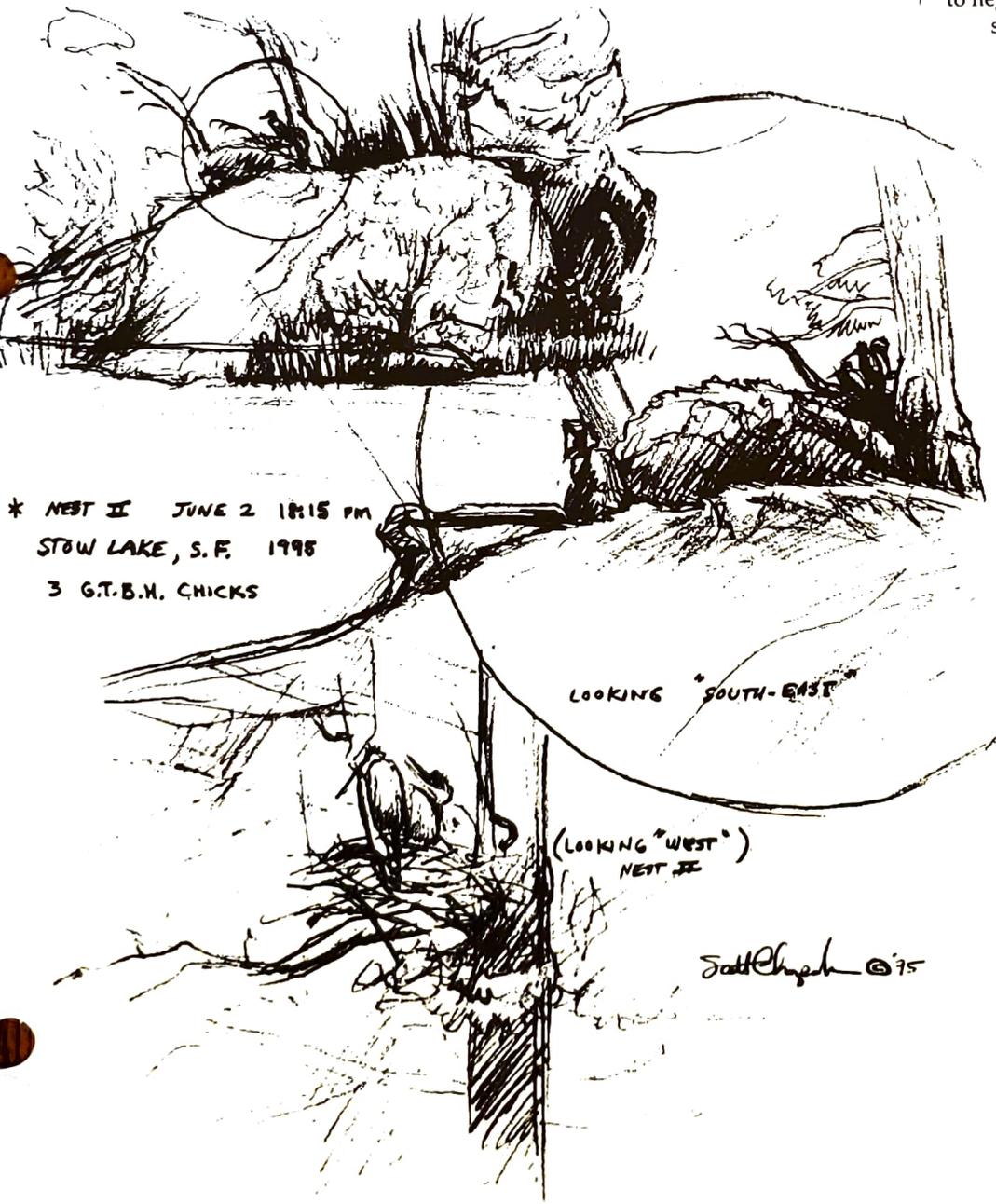
the rainy month of April. On our first visit to the location, Valerie and I were lucky enough to have excellent weather which allowed us to locate the heron nests with relative ease. I say relative ease because nothing about locating (from across a large field) the fifteen or so nests clustered high atop a towering eucalyptus tree was truly easy. To help me relocate the nests after the one month intervals between visits, I sketched a rough outline of the tree and drew in and numbered the nests. The problem was, the birds kept adding nests so that when I located one I could never be quite sure whether it was nest number 8, nest number 15 or perhaps a new nest altogether. With seventeen nests, all told, bunched together amongst the heavy foliage, nest identification was my biggest challenge.

Further adding to the confusion, heavy winds during this winter's many storms blew nests from the tree, forcing the parents to rebuild and try again. One visit to the site would reveal a nest with three young juveniles, while the next visit would find that nest gone and a new one built with a lone adult incubating eggs. Since the owner of the property on which the tree was located requested that we not approach the tree, I was not able to determine how many chicks may have been lost this way.

Despite any difficulties, observing these majestic birds was a true joy. As I pulled up at the nesting site and got out of my car each time, the first sound I would hear was the continuous chatter of the colony. Every few minutes, one of these ponderous creatures would circle the tree to negotiate a landing or would take off in search of food or nesting

materials. With a little patience, I could see a downy head or two poke from a nest as a parent swooped in with dinner. I was able to follow several nests from the earliest stages of their construction to the point where as many as three juveniles could be seen standing on or near the nest. It was with a greater appreciation for these beautiful birds that I completed this study.

Continued on Page 4



Portola Valley

by Leslie Schuman and Janet Tashjian Hanson

This was our second opportunity to participate in the Colonial Waterbird Monitoring Program as observers of the great blue heron nesting site in Portola Valley. Although far from the Bay, this colony utilizes nearby Searsville Lake as a foraging site. The herons have chosen to build their nests atop the trees in a small grove of redwoods. Because the property owner at this site has been kind enough to allow us to approach the trees, we have been able to make our observations from right beneath their nests. This vantage point offers a great view of the birds but, as we have discovered, looking straight up into the trees can become a real "pain in the neck"!

The herons have utilized this location for 12 years, and according to the owner, show up promptly on nearly the same February date every year, regardless of the weather. The first step in studying this colony was to map out the redwoods, using a compass to stay oriented and various characteristics of the trees themselves. This was tricky since the trees are at least 100 feet tall and are very closely spaced. Some trees have up to three nests, although most just have one in the top. We numbered each nest and noted whether it was "active" or not. Often adults would fly in and we would quickly watch to see where they landed. Another indication of activity is broken eggshells under the tree and fresh whitewash, (i.e. droppings). After all the numbering was done, it became much easier to make good observations. One can sit quietly for an hour or two and watch all the comings and goings, listening to the continuous chatter and clacking, catching glimpses of the chicks popping up to grab whatever the parent brings in. We often find dropped prey items: fish, crayfish, frogs, even a gopher, no doubt from Stanford where the adults are often observed foraging. And we have found dead chicks blown from the nests following high winds. The detritus beneath the colony is nutrient rich and full of life; we even found a small tarantula beneath a stone.

In comparing this year's data to last, the number and locations of the nests did not seem to have changed much. There were more than 30 recorded "active" nests.

Although we observed a number of adults sitting in or near the nests, our sightings of chicks were sparse compared to last year. We are not sure if this was the result of bad weather this spring or bad timing on our part.

Despite our disappointing lack of chick data, this survey year was still enjoyable. For Leslie, this season was made special when she observed a pair of Great Blues building their nests: one of the pair broke off a small tree limb, flew up to its mate, took the branch and fitted it into the mass of branches on which the bird was perched. For Janet, it was watching her kids marvel over broken blue eggshells on the ground beneath the nests. It is experiences like these that keep us looking forward to the 1996 survey!

SFBBO Wish List

Species Accounts from, *The Birds of North America*. Edited by A. Poole and F. Gill.

To complete our collection of species accounts relevant to our studies, please call to see which we are missing - only \$7.50 each!

Membership Business

The annual fall membership meeting on September 23 mixes a small amount of business with pleasure. Two agenda items requiring advance notice to the membership will be address:

We have three open seats on the Board of Directors for the 1995-1998 term. The Nominations Committee of the standing Board of Directors presents the following slate of nominees for approval by a majority vote of the membership.

Lance Hull - Incumbent. Lance holds a B.S. in zoology from U.C. Davis and an M.B.A. from the University of Oregon. He is an independent management consultant and has been an active SFBBO volunteer since 1992. An expert on the birds and terrain of Coyote Hills, he has been birding the west coast and wherever his travels take him for many years. He lives in Fremont with wife Claire and 2-year-old Emily.

David McIntyre - A relatively new Bay Area resident, David has degrees in both biology (Cornell) and law (Fordham University), and the distinction of having published in both fields. He has served on several prior boards and is currently on the board of the Santa Clara Valley Audubon Society.

Susan Stout - Incumbent. Susan has been an active SFBBO member since 1988. As a Fremont resident who works as a Stanford University administrator, she puts her commute to good use by checking birds and ponds from the Dumbarton Bridge. Susan surfs the Net with ease and has participated in the National Birding Hotline Cooperative since its inception. She can frequently be found cycling the levees (binoculars at the ready) with husband Dan.

Any change in the bylaws must be approved by a majority vote of the membership (Article 9). Please refer to your copy of the Bylaws (available at the meeting), Article 4, Section 1. The board proposes the addition of the following line to the end of the section:

"Membership fees are subject to change by a majority vote of the Board of Directors."

Please give these two items your careful consideration and give us a call if you have any questions.

Results of the 1995 Great Blue Heron Nesting Season

By Valerie L. Layne

The 1995 breeding season was off to a slow start due to the erratic weather patterns, and despite the February arrival of the Portola Valley Great Blue Herons. This year 31 volunteers braved the elements, including temperatures over 105°, to monitor breeding colonies of Great Blue Herons at 13 sites on the south bay. The number of nests initiated in the study area this year increased 25% over the number of nests initiated last year, but not all of the nests were successful. The colony in Portola Valley was the largest, with 33 active nests reported; however many of the nests probably failed because of severe storms, and little re-nesting was observed. Great blues were the only successful heron species on Bair Island this year; their nests in the transmission towers being completely inaccessible to red foxes and humans. Eleven nests represent a decline of approximately 26% from last year. The colony at Coyote Creek nearly doubled this year, with 11 nests. Colony sizes also increased at the Calaveras Reservoir, Livermore, Morgan Hill and Redwood Shores sites. Watch future issues of *The Still* for more details.

ACKNOWLEDGEMENTS

We thank the following agencies for allowing us access to their property to conduct the Great Blue Heron surveys:

San Francisco Bay National Wildlife Refuge; California Department of Fish and Game; Cargill Salt Division; Redwood Shores Properties; Palo Alto Veterans Administration Medical Center, Livermore Division; Victoria Chulay.

This long-term monitoring study would not be possible without the dedication of our many volunteers. We wish to thank the following individuals:

1995 Great Blue Heron observers: Morna Baird, Anh Bui, Richard Carlson, Roni Chapek, Scott Chapek, Charles Coston, Joan Coston, Robin Dakin, Steve Dakin, Nancy DeStefanis, Don Emery, Margaret Emery, Pat Gordon, Phil Gordon, Lorraine Grassano, Bonnie Harrigan, Eugenia Larson, Marty Lycan, Sue Macias, Jean Palmeter, Byron Richards, Stephanie Schaeffer, Leslie Schuman, Fran Shaw, Steve Shunk, Mike Spence, Karlene Stoker, Terry Stoker,

Susan Stout, Mark Strasburger, Jesse Suckow.

1995 Colonial Waterbird observers (the rest of the gang):

Ron Barklow, Mary Brezner, Howard Cogswell, Chris Crowell, Dave Drake, Steve Glover, Leda Beth Gray, Nancy Grove, Michelle Hannon, Lance Hull, Sue Hunt, Tom Korn, Rich Kuehn, Ron Lindeman, Mike Mammoser, Joan Mancini, Sheila Marron, Mari Matsueda, Frank Metzger, Kitty Pearson, Bob Richmond, Viola Saima-Barklow, Susan Sandstrom, Kappy Sprenger, Dean Schuler, Morgan Suckow Crowell, Jim Thorn, Stacy Thorn, Kathryn Thorn, Jean Young, Lou Young.

SFBBO and the Shorebird Sister Schools Program

by Janet Tashjian Hanson

Can kids appreciate the special beauty of shorebirds? Is it possible to demonstrate the wonders of shorebird migration to them and yet somehow ease them past the initial difficulties all new birders experience when learning shorebird identification?

Hundreds of thousands of shorebirds depend upon San Francisco Bay as one of three major staging areas along the Pacific Flyway. It seems clear (at least to those of us here at the Observatory) that very few of the approximately 8 million people living around the Bay have any idea of the size of the phenomenon occurring, literally, in our midst. Some topics, like wetlands, get nearly daily mention in the press. How could we bring together the importance of wetlands and the species they support in a program designed for kids?

This challenge was admirably met by the Shorebird Sister Schools Program. A product of the Kachemak Bay Shorebird Festival and the Alaska Maritime National Wildlife Refuge, this online program connects schools with shorebird researchers via America On-Line. With a large curriculum to draw from, teachers can familiarize students with a few of the shorebirds most likely to be seen along the Pacific Flyway: Western Sandpiper, Dunlin, Dowitcher and Black-bellied Plovers. Then as spring

migration begins, the kids hook up with local and distant shorebird researchers in electronic classrooms to ask questions and share data.

1995 was the SSSP's second year and SFBBO's first year of participation. We presented a slide show and talk to 6th graders at Nativity School in Menlo Park, and then in early May, we accompanied the class on a field trip to the old yacht harbor at the Palo Alto Baylands. We scoped the mudflats on an out-going tide and the teams counted their designated species. The kids were very well-mannered and enthusiastic, especially when they spotted "their" birds. Later they reported their results to "Shorebird Central" in Homer and participated in "chats" with other researchers.

We now have one way to fill the Bay Area's knowledge gap regarding our wealth of shorebirds. If you know of a classroom (kindergarten through 12th grade) that would like to learn about shorebirds, give us a call. The only requirements are that they have access to a computer with modem and AOL, at least in the spring, and that they can provide transportation for a field trip to the shoreline. And if you would like lead a couple of classes yourself, give us a call. We will put you through a short training session and provide the materials. In return, you will enjoy the great chorus of "WOW!"s and "There's my bird!" as the kids discover spotting scopes and the Bay's splendid shorebirds.

Special thanks to Lydia Wren of the Shorebird Sisters Schools Project in Homer and to teachers Penny Donovan and Judy Muhlenberg and the parents of Nativity School, Menlo Park.

The Board of Directors and Staff of SFBBO extend their deepest sympathies to the families and friends of Bette Wentzel and Jane Becker-Haven.

Program Updates

Avian Botulism Monitoring Program

SFBBO is in its 13th year of monitoring Guadalupe and Mallard Sloughs for signs of avian botulism. We conduct weekly boat surveys from July through November, more often if an outbreak occurs.

Colonial Waterbird Monitoring Program

We conducted our 14th year of monitoring the waterbird colonies in the south bay. This study encompasses gull and tern colonies, and heron and egret rookeries. We continued our cooperative effort with Audubon Canyon Ranch to document all heron and egret colonies in the 8 Bay Area counties.

Bair Island

Recent boat and aerial surveys indicate that the Bair Island egret and Black-crowned Night Heron colonies failed again this year, due to human disturbance and red fox predation. Great Blue Herons, which formerly nested on outer Bair, nested in nearby PGE towers with apparent success. SFBBO works in cooperation with the California Department of Fish and Game and with the U.S. Fish and Wildlife Service.

Black Skimmer Study

Two pairs of Black Skimmers nested successfully again this year on the South Bay. We continued to document the breeding range expansion of this species by banding chicks at both colony sites this summer. (Editor's Note: look for more on Black Skimmers in the next *Stilt*.....)

California Gull

SFBBO field observers counted nests at the main colony on Refuge property in Alviso, in May and made observations on the four satellite colonies scattered around the south bay shoreline. We will also be expecting some effect on gull populations around the bay with the closure of several bayside landfills.

South Bay Shorebird Census

The fall survey of shorebirds was conducted from 10a.m.-12 p.m. on Sunday, August 20. Although it still felt like summer to us, this count was timed to catch the fall migration peak of Western Sandpipers, the most numerous species utilizing the bay.

The winter census is scheduled for 8-11 a.m., Sunday, December 3, 1995. A "high" high tide that day will allow us a longer window of observation. Rains forced us to postpone last year's winter count and may be a factor again this winter.

Avian Botulism Monitoring Program

Avian botulism affects countless waterfowl every year. In cooperation with the cities of San Jose and Sunnyvale, SFBBO monitors 3 south bay locations for the occurrence of avian botulism. On weekly boat surveys we collect sick and/or injured birds and all animal carcasses in order to check the spread of avian disease. Volunteers are needed to help with the boat surveys. **Space is limited;** call Valerie at the office (408) 946-6548 to reserve a seat in the boat. All trips last an average of 2-4 hours. Dress in layers, bring drinking water and a snack. Meeting place is the Cannery building in Alviso, call for directions.

<u>DATE</u>	<u>MEETING TIME</u>	<u>LOCATION</u>
Sun Sep 10	11:15 am	Mallard Slough
Sat Sep 16	3:15 pm	" "
Sun Sep 24	10:15 am	" "
Sat Sep 30	1:45 pm	" "
Sat Oct 07	10:15 am	" "
Sun Oct 08	11:00 am	Guadalupe Slough
Sat Oct 14	1:00 pm	Mallard Slough
Sat Oct 21	8:45 am	" "
Sat Oct 28	1:30 pm	" "
Sat Nov 04	8:00 am	" "
Sat Nov 11	10:45 am	" "
Sun Nov 19	6:30 am	" "
Wed Nov 22	8:30 am	Guadalupe Slough

Calendar of Member Events

August 29, Tuesday 7:00 p.m.	Meeting, Board of Directors. Open to all interested members. Please RSVP if you would like to attend.
September 2, Saturday	Avian Botulism Monitoring.*
September 10, Sunday	Avian Botulism Monitoring.*
September 16, Saturday	Avian Botulism Monitoring.*
September 23, Saturday	4:30 p.m. Annual picnic at SFBBO Headquarters, Bayside Cannery Building, Alviso.
September 24, Sunday	Avian Botulism Monitoring.*
September 30, Saturday	Avian Botulism Monitoring.*
October 7, Saturday	Avian Botulism Monitoring.*
December 3, Sunday	8:00 - 11:00 a.m. Winter Shorebird count of South San Francisco Bay.

*Space is limited. Call Valerie at the office to reserve a space.

Acknowledgements

Thank you to the following new and renewing members for your generosity and support of SFBBO.

Sustaining:

Thomas Korn

Contributing:

Will and Margaret Betchart (r);
Lillian Henningsen (r)

Associate:

Pamela Lewis(r); Don Peer (r)

Family:

Gulf of the Farrallones; Phil & Pat Gordon; Jay & Janet Hanson(r); Grant & Karen Hoyt(r); Ed & Alice Roberts(r); Dean Schuler/Richard Kuehn(r); Al Spears; Crystal Woodin(r)

Regular:

Monika Bjorkman(r); Edith Black(r); Jose Castillo(r); Jennifer Catron; Dr. William Draper; Don & Margaret Emery(r); Ernie Goitein; Hayward Shoreline Interpretative Center; Cheryl Millett; Kitty Pearson; Jean Perata(r); William Scoggins; Dave Shuford(r); Mike Spence

Senior/Student:

Carl & Marge Heintze; Margaret Limberatos; Bill Park; Tibby Simon; Frances Snoke; Jean Sutherland

* (r) Renewal membership



Photo by Philip Loring Greene

Special thanks to the following for their gracious donations to benefit SFBBO:

Susan Brain

Cargill Salt Division for their generous donation

Gail and Doug Cheeseman for a Monterey Bay Pelagic Trip for Two. Since 1980, Gail and Doug have led exciting, ecologically sound naturalist tours to Alaska, Africa, Central and South America, Australia, and other exotic locations in addition to the Monterey pelagic trips they conduct twice a year. Contact them at Cheesemans' Ecology Safaris, 408-741-5330 (Toll Free: 800-527-5330; Fax: 408-741-0358) for information;

Terry Hart Lee for her beautiful work of art, "Burrowing Owl". Terry's wonderful sketches of shorebirds and waterbirds appear often in "The Stilt" and she will have an exhibit at the Annual meeting.

Hobee's Restaurants and Karen Cabello for their generous donation of coupons for free coffeecake at Hobee's, in appreciation to all of our dedicated volunteers. Hobee's Restaurants are located throughout the Bay Area and they recently opened a new restaurant at 680 River Oaks Parkway near Montague, which isn't far from SFBBO's offices. They are known for their healthy, delicious food including their scrumptious coffeecake.

Monterey Peninsula Audubon Society and Don Roberson for a copy of 'Atlas of the Breeding Birds of Monterey County,

And thanks to all participants in the 1995 Wildlife Rescue/SFBBO donation drawing held on August 18th. Winners will be listed in our next newsletter. And if you won....CONGRATULATIONS! Let us know how you enjoyed your prize. And remember, SFBBO's members only drawing will be held at our annual picnic on September 23, so it's not over yet!

Thanks to Ibis Publishing Company for two copies of their beautiful book "CALIFORNIA BIRDS, Their Status & Distribution" -one for our library and one for our members' drawing. Ibis publishes natural history books on birds and has graciously offered a 10% discount, on selected publications, to SFBBO members (offer expires December 31, 1995). Please call the office for a list of these selected publications.

Ibis Publishing Company, 3420 Fredas Hill Road, Vista, CA 92084-7466, Tel. 619-598-7075, Fax 619-598-0066. California residents add 7% tax. When ordering, please include a copy of your SFBBO membership card as proof of membership for a 10% discount (call the office if you need a replacement).

San Francisco Bay Bird Observatory

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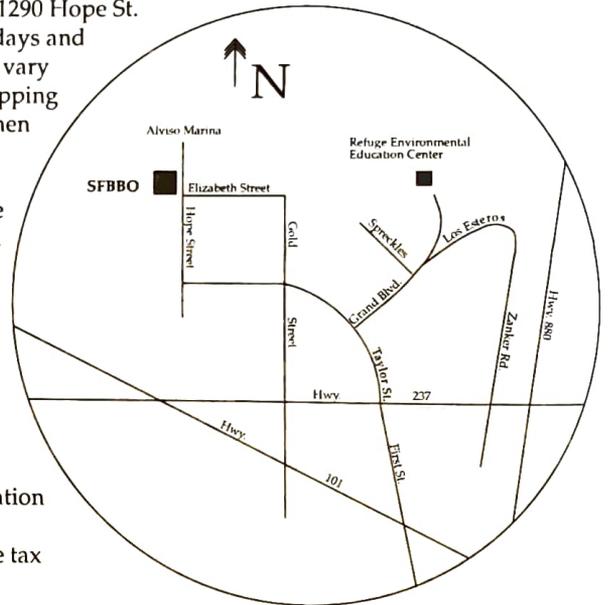
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The Bird Observatory is located at 1290 Hope St. in Alviso. The office is open weekdays and some weekends, but specific hours vary with our field schedule. Before stopping in, call (408) 946-6548 and check when we will be available.

The Board meetings are open to the membership and are held monthly. Call the Observatory office for dates and times. The newsletter is a quarterly publication, Send contributions to the editor: Susie Formenti, P.O. Box 247, Alviso, CA 95002.

The San Francisco Bay Bird Observatory is a non-profit corporation under IRS statute 501(c) 3. All memberships and contributions are tax deductible.



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We invite your membership in the San Francisco Bay Bird Observatory. To join, please complete and mail this form with payment to SFBBO, P.O. Box 247, Alviso, CA 95002. Make checks payable to SFBBO.

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- | | | |
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| <input type="checkbox"/> Regular \$20 | <input type="checkbox"/> Contributing \$100 | <input type="checkbox"/> Life Member \$400 * |
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* Single payment becomes part of an endowment fund.

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