



TORREYANA

Published for Members of the
Torrey Pines Docent Society
and the Torrey Pines Association

No. 133

July 1986

Next Docent Society Meeting

SATURDAY, JULY 19, 9:00 A.M. AT THE VISITOR CENTER

Our Saturday meeting will be very special. In addition to the potluck brunch (always a winner!), there will be special awards for honorary members and for docents who have completed ten years of duty.

Please bring food, according to your last initial, as follows:

A - F: Casserole, quiche, etc.

(Note: Dishes cannot be heated, so hot dishes need to be in some insulated container.)

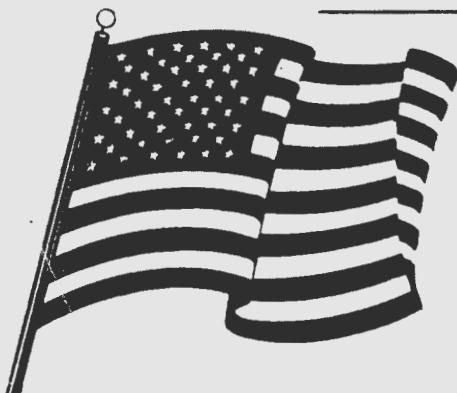
G - N: Salad--fruit or vegetable, relish

P - Z: Muffins, coffee cake, rolls

If you prefer a category other than the one assigned to you, your offering will be gratefully accepted anyway. And if you bring guests, please increase the amount proportionally.

Friends and family are invited. Join us for this happy event.

There will be a Board meeting following the general meeting and brunch.



HAVE A
HAPPY
FOURTH
OF JULY



Secretary's Notes by Betty Andrews
(substituting for Marc Gittelson)

A regular meeting of the Torrey Pines Docent Society was held on June 21 at 9 a.m. in the Lodge with 39 people present.

President Janet Humphreys announced that on June 28 the docents from Old Town State Historical Park will be entertained at Torrey Pines. There will be a slide show, a nature walk led by Glenn Dunham, and refreshments taken care of by Jeanne Dunham.

On July 19 an awards potluck will be held in the Lodge. This will be headed by Marion Dixon, who asked for volunteers for preparation and cleanup committees.

The scheduled Lodge cleaning has been cancelled. This will be taken care of by park staff.

New tablecloths and a new coffee pot have been purchased.

New summer duty hours were announced. (See Duty Coordinator Bill Anderson's explanation of duty hours on page 3.)

Grace Martin informed the group that there will be a beach picnic on July 24 at 5 p.m. Each docent will be responsible for the food for his/her own family and guests.

Grace then introduced the speaker, Bill Tippetts, who is a Regional Resource Ecologist for the State. He spoke and showed slides on the ecology of the upland and lagoon areas of the Reserve. He described the controlled burns and explained that, even though the results were not as expected, good things did come of them, such as many new seedlings where 6 to 8 mature trees were destroyed. Duff was burned off, allowing seeds to reach the soil and germinate.

Bill stated that the lagoon is in poor condition. Some unwelcome plants are becoming established. Because of the road, the lagoon does not flush properly, and there is much sediment from numerous adjacent building sites. There are plans to work on the lagoon to return it to its proper state.

After the presentation Grace announced that it was Janet Humphreys' birthday and that Janet had provided a beautiful birthday cake so members could help her celebrate. She was musically congratulated.

Other refreshments were provided by Georgia Tarwater, Jack and JoAnn Cannon, Luana Wells, Liz Payne, and Ruth Cheney.

Following refreshments, many docents accompanied Bill Tippetts on a walk in the controlled burn area.



DUTY COORDINATOR'S PROGRESS REPORT by Bill Anderso



Calling all docents!

This progress report will alert docents to the new summer schedule now in effect and call attention to an apparent problem in fulfilling our commitment to staff the museum and lead nature walks in the Reserve.

While school was in session, the need for duty sign-ups was at a minimum. Willing docents often found no open times on the duty calendar. But that situation has changed. Now that school vacation has started, our needs have increased and we must have the cooperation of everyone to provide adequate staffing.

The new duty schedule calls for more volunteer hours because (1) an additional guided nature walk will be given at 11:30 a.m. on weekends and holidays, and (2) we will staff the museum on weekdays between 11:00 a.m. and 2:00 p.m. Not counting honorary and supporting members, the current roster lists a total of 62 docents to meet this commitment. This number comprises 33 members qualified to lead nature walks and 29 associate members (trainees). I am informed that the trainees who have had their qualification forms signed off for all lodge-related functions (running the slide projector, selling books, recording the running total of visitors, etc.) are now qualified to staff the information desk and can sign up for lodge duty.

At our general meeting of Saturday, June 21, 39 members attended, including 18 regular members and 18 associate members. The duty calendar was circulated for volunteers among all the members. The number of volunteers fell far short of the number of tasks for which we are committed. A breakdown for the month of July follows, current as of 12:00 noon on June 21:

<u>Lodge</u>	Number of	
	<u>Tasks</u>	<u>Sign-ups</u>
Weekdays	22	9
Weekends and holidays	18	10
<u>Nature Walks</u>		
Weekends and holidays	18	9
Totals	58	28

It should be noted that some of the sign-ups were on the board prior to the June meeting. The total number of sign-ups for July were accomplished by 19 docents. Undoubtedly, some members are on vacation, and some may have other commitments for July. Nevertheless, to maintain the volunteer spirit of our organization, we ask that each docent contribute the required six hours per month so that adequate staffing is provided.

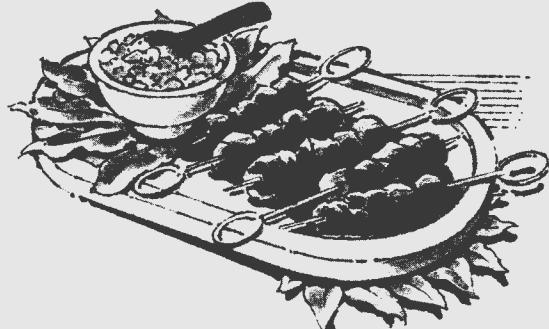
My goal is to get the duty calendar tasks fully assigned for the following month during each general meeting. We can, and must, accomplish this. Any helpful suggestions will be much appreciated.

Have a nice summer, everyone!

Docent Doings

COME TO A BEACH PARTY

It's the season for picnics, so we're having one on Thursday, July 24, starting at 5 p.m. Look for us on the beach near the underpass from North Beach parking lot. Instead of potluck, bring whatever you want to eat for you and your guests, as well as something to sit on (blankets or chairs). Open fires aren't permitted but you can use your portable barbecue or hibachi and charcoal. This will be an evening of fun and relaxation. Y'all come!



OLD TOWN DOCENTS VISIT

Ten docents from Old Town State Historical Park visited the Reserve on Saturday, June 28, when they were hosted by members of TPDS. Jeanne Dunham was responsible for refreshments, and Glenn led a nature walk. Those who brought food and assisted in entertaining were Bill Anderson, Judy Schulman, Janet Humphreys, Jack and JoAnn Cannon, and Isabel Buechler.

INSTRUCTIONS ON USE OF THE SLIDE PROJECTOR

Because from time to time the instructions for operating the slide projector have been updated, some docents may not be aware of the proper procedure. Greg Hackett has generously offered, at the time of the July meeting, to demonstrate the correct use of the projector. All docents, particularly trainees, are urged to take advantage of his offer.

DOCENT LIBRARIAN

Jim Nortman has agreed to take on the task of Docent Librarian. Thanks, Jim.

HELP WANTED

An alternate member is needed to represent Torrey Pines Docent Society on the Council of the Docent League of San Diego County. The Council is made up of representatives of the various museum docent or volunteer groups in the county.

The Council sponsors an annual meeting; the last one, which some of you attended, was held in Old Town in May. The Council also sponsors the yearly Docent Appreciation Days.

Glenn Dunham, our TPDS representative, is looking for an alternate to attend meetings. The Council meets several times a year, generally on weekday mornings, and Glenn has not been able to attend regularly.

Please contact Glenn if you are interested. Call 573-5265 (work) or 298-9128 (home).

Part of the pleasure in being a docent is learning about new plants, so the tour through Torrey Pines Extension Saturday, June 7, was a delight. Several "firsts" were recorded by most of the 25 persons, both trainees and docents, who were capably led by President Janet Humphreys and naturalist Barbara Moore. Barbara teaches at San Dieguito Adult School and Scripps Aquarium (check for her classes beginning in September).

In addition to a great variety of the common seasonal flowers and shrubs, the Extension provided examples of more esoteric plants such as the tall, delicate beeplant, a member of the figwort family, which has small, irregular maroon flowers; golandrina or squaw spurge (*euphorbia melanadenia*, if you're looking it up in Munz), a prostrate plant with tiny flowers; yellow mimulus or monkey-flower; the graceful purple bush mallow; amole or soap-plant with its small, white lily-like flowers; scarlet larkspur, a red-flowering member of the delphinium family; and prickly purple skunk-flower, which lived up to its name.

But what's in a name alone? Not much, unless you're an etymologist. From her extensive background, Barbara added lots of detail, including some less well-known Indian uses of plants--for example, golden yarrow for earaches and toothaches, squaw spurge for snake-bite, broom baccharis for tooth-cleaning, ceanothus wood for various tools, the mojave yucca's red moth grub for food (eaten raw, to be sure), and wild cucumber for baldness. Bald Indians don't appear much in pictures, so perhaps the cucumber is a successful treatment. (For additional information about plant uses, see the pamphlet, Curing Practices of the Diegueños at the Museum of Man.)

The tour was also highlighted by a glimpse of the seldom-seen wrentit (Barbara noted that it loves laurel sumac seeds, so should be sought in those bushes) as well as a two-foot rattlesnake. And those were also "firsts" for some tour members.

Poetry Corner



© 1985 by AMTiso

Our thanks to Allan M. Tiso,
Associate Docent, for his
contribution.

STREAM © by A. Michael Tiso

Your nomad mother sails the earth's breath
and sliding through the blue
weeps the tears of your existence onto the hills.
Through sand grains
around rocks
avoiding greedy roots
future sparkles make their way
to your heart.

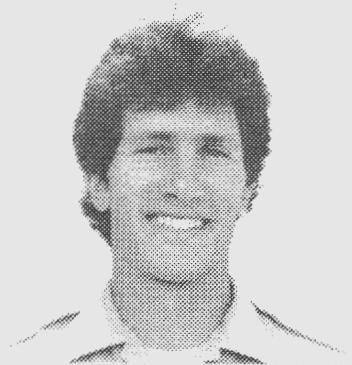
You hollowed this canyon,
cutting earth's flesh
cutting earth's bone
with deceptive softcool blood
that drips downhill,
run,
swirl,
froth,
fall,
pool...
run.

Along your way Emerald Children tap life:
foolish ferns feather close
to your power,
Tiger Lilies push rhizomes
into goo,
muscular oaks
drink your strength.

Yet,
flashing like a fish
your ancient song
remains strong,
goes on

INTRODUCING PATROL RANGER CHRIS PLATIS by Marion Dixon

(This is the third in a series of Torreyana profiles on members of the staff at Torrey Pines State Reserve.)



"I have a guest," said the young Ranger with light-brown curly hair sitting in the Torrey Pines Lodge office. "You might not like him." I went in anyway.

The "guest" was a three-foot-long greenish garter snake sliding with apparent ease and comfort from one big Ranger hand to the other. The Ranger was Chris Platis, one of two Patrol Rangers on the Torrey Pines State Reserve staff, who occasionally brings reptiles to the lodge for a visit--and then returns them to their habitat. Feeling that three was a crowd, I left, and returned another day to

find out more about this youngest staff member, who has just celebrated his thirtieth birthday--and, incidentally, is still a bachelor.

Like the other two Torrey Pines Rangers, Chris is pleasant and athletic-looking, with a big white smile--none of these attributes being requirements for the job, all three assured us. Chris is practically a native Californian, having arrived from his birthplace in Flushing, New York, at the age of two. He and his family, which includes two brothers, have lived in Cardiff since moving to this state.

Chris first set his sights on being a Ranger when he went on a camping trip to Yosemite at the age of 11 and met some of these admirable guardians of our park-lands. After graduating from San Dieguito High School and spending two years at Palomar Junior College, he went to Humboldt State University, where he majored in natural resources and minored in biology. He earned his degree in 1979.

He further honed his skills during five summers supervising the U.S. Youth Conservation Corps, a now defunct program because of lack of funds. At Torrey Pines Chris acted first as crew leader, then work coordinator, then camp director for the 15 to 18 year old boys and girls who worked outdoors eight hours a day, five days a week for eight weeks. Their accomplishments here included extensive revision of the trails as well as construction of the overlooks and the stairway to Red Butte. Chris also spent one spring after college as a Maintenance Park Aide.

Rangers now are required to take a test covering their general knowledge and to have an interview with someone at the State Personnel Board. In addition, they must be U.S. citizens in good health and have at least a two-year college degree, preferably in resource management or recreation. Having passed those requirements with flying colors, Chris went on to take a 16-week course at the San Diego Regional Law Enforcement Academy, where he immersed himself in the appropriate legalities for eight to ten hours a day. After all this preparation, he was entitled to wear the official shiny, star-shaped badge in 1982. (Currently, in place of the Law Academy course, Rangers and Lifeguards must take a 17-week course at Asilomar, "Basic Peace Officer Training.")

One of the first positions open to a qualifying Ranger is that of Permanent-Intermittent Ranger, which means he is a permanent employee but not quite full-time.

CHRIS PLATIS (continued)

Chris started at this rank in San Onofre, then advanced to State Park Ranger Technician in 1983 in the San Diego Coast District, which includes Torrey Pines, San Elijo, Leucadia, Carlsbad and South Carlsbad, and North and South State Beaches at Cardiff. In the past, rotation policies have been in effect for staff in this District and may again become operative in order to provide a variety of experiences and environments.

Chris joined the regular staff at Torrey Pines in December, 1984. His duties here include all general Ranger tasks. In the summer this requires a good bit of travel to the beach parking lots, which are then hives of activity. Chris prefers to do his park patrol on the road on his mountain bike, which he has painted State Park green to match the official transportation vehicles.

This year Chris was also selected to be in charge of the local controlled burn program, and thus is on the track to becoming a burn specialist. That rank requires supervision of 60 days of burns, usually at the rate of 15 burns per year.

Another special project for him this year is supervision of repairs to the railings on the Guy Fleming trail and building a wooden platform on the south overlook like the one at Yucca Point. Jobs which recur include supervising Boy Scout projects, such as building the steps and drainage system at Broken Hill; Sierra Club activities, such as trail maintenance and trimming (the standard width for trails is four feet, often encroached upon by plant growth); and convict crew assignments, such as weeding the plant boxes at the lagoon parking lot.

The construction and exercise in his job dovetail nicely with Chris's woodworking hobby and his workout schedule of running, swimming, and biking. One would think all that might fill a normal 24-hour day seven days a week, but Chris also finds time to officiate at high school wrestling matches, an interest evolving from his participation on wrestling teams during high school and college. He's been doing this for seven years, covering 15 day-long tournaments and 20 matches each year.

And that's not all. Chris also contributes to his Greek family's activities by helping at their ethnic pastry stand each summer at the Del Mar Fair. On the side--he's obviously a man-sided person--he makes a specialty of studying plant inflorescences. You might try bringing him your questions about those blooming things.

NOTES FROM THE MEMBERSHIP CHAIRMAN



We are looking forward to seeing everybody at the special potluck brunch on Saturday, July 19, at 10 A.M.

At this time we will honor our special guests: honorary members and those who have been regular members, doing monthly duties, for ten years or more.

Following are the membership categories:

- 1- Regular members: Those who have completed training and check list and who do required monthly duties. Docent badges are for regular members only.
- 2- Associate members: Those who have applied for active membership but who have not as yet completed all requirements.
- 3- Supporting members: Those who contribute at least \$15 per year, but who do not perform active duties.
- 4- Honorary members

Millicent

Notes from the Naturalist by Hank Nicol

A DIFFERENT KIND OF TREE

Dr. J. R. ("Bob") Haller may know more about the species Pinus torreyana than anyone else on this planet. He's a professor at the University of California at Santa Barbara. More than that, he's Chairman of the Division of Botanical Sciences. He's also one heckuva nice guy. Once a year he passes through here with a caravan of his students. They study various habitats in Southern California and Arizona. UCSB is closer to Santa Rosa Island than to San Diego. The island pines are commonly planted in gardens around Santa Barbara. The world's largest Torrey pine is in Carpinteria. It's an island-type tree planted almost 100 years ago. Santa Rosa trees have become weeds near Lompoc. Dr. Haller has thoroughly studied these as well as our mainland trees.

After years of work Dr. Haller thinks that the Torrey pine should be divided into two subspecies. A lot of distinguished botanists agree. He'll get no argument from me. He makes a very convincing case, some of which I can actually understand. The title of his article is "Taxonomy and Relationships of the Mainland and Island Populations of Pinus torreyana (Pinaceae)." It was published in Systematic Botany for January-March 1986. This is the kind of magazine you can really curl up with.

A few years ago Drs. Ledig and Conkle of the Forest Service made genetic studies of the Torrey pine. They found absolutely no variation among all the trees here, no variation among the trees on Santa Rosa, and only a two percent difference between the two populations. Of course there are many more than the 58 genes that showed up in the tests. The two types of trees are growing together in the gardens of La Jolla Cancer Research Associates. They were planted back when the place was a Department of Agriculture experimental station. It's across old 101 from the Torrey Pines Golf Course.

There are also dissimilarities between the two types of Torrey pine that the average person can't see. Thirteen of the many compounds making up the turpentine are not the same. Some of these "terpenoids" are different by several significant percentage points. One from the mainland trees was entirely absent in the island trees.

So now our mainland trees will be Pinus torreyana torreyana. The trees on Santa Rosa Island will be Pinus torreyana insularis. To my not very well educated eye, the differences between the pines of San Diego and of Santa Rosa are obvious. They don't even seem to cross breed. Why should they not be two separate species? Dr. Haller believes that the two types of Torrey pines are not much more unlike than trees from the extreme ends of the range of Bishop's pine or of Monterey pine. It's just that the Torrey pine's range has no middle.





Los Peñasquitos Lagoon Foundation
P.O. Box 866 Cardiff, CA 92007

LOS PEÑASQUITOS LAGOON FOUNDATION REPORT by Jessie LaGrange

The May 28 dinner meeting in Solana Beach was well attended.

The first item was the Treasurer's report that \$443.91 was on hand on May 28, 1986. The first installment of funds for implementation of the lagoon enhancement plan in the amount of \$26,000 was reported to be "in the mail" by Carol Arnold of Coastal Conservancy.

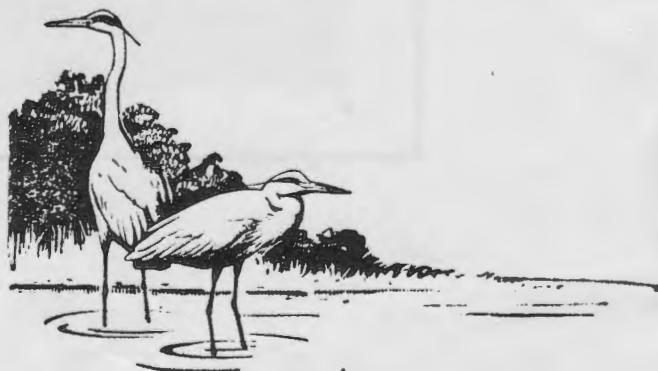
Don Rose of SDG&E and Jim Casey of the City of San Diego Engineering Department presented further information regarding the State and City acquisition of the utility land. The city plans to realign Sorrento Valley Road as part of its use of the 25-acre city acquisition.

Mr. Alex Censor, a wildlife biologist, reported on agricultural grading in the streambed of Carmel Valley without permit, improper non-contour grading, inadequate sediment basin, and application of toxic pesticides. These actions have been attributed to a tenant farmer who has leased the land from developers.

Lee LaGrange reported on lagoon channel clearing work done by Roberts Excavation, and the bill sent to the Department of Fish and Game. Since limited funding was available from that department, it was agreed to proceed with the planned work in June with notice to Roberts' secretary to send future bills to the Lagoon Foundation. After machine work to remove part of the cobble barrier at the highway bridge, the tidal flushing has been vigorous during the spring-tide cycles.

The lagoon monitoring plan has been implemented and the report for the first quarter was presented by Glen Greenwald. He expects to see the marine life increasingly reestablished if the mouth can be maintained open most of the time.

Next Lagoon Foundation meeting: June 25, 7:00 p.m., McDonald's Basement Public Room, Solana Beach.



TORREY PINES DOCENT SOCIETY

President: Janet Humphreys

Deadline for Torreyana copy
is the 25th of each month.
Send contributions to the
editor:

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3702 Oleander Drive
San Diego, CA 92106
Phone: 222-7016

ROSTER UPDATE

New Associate Member:

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8757 Lake Murray Blvd. #7
San Diego, CA 92119

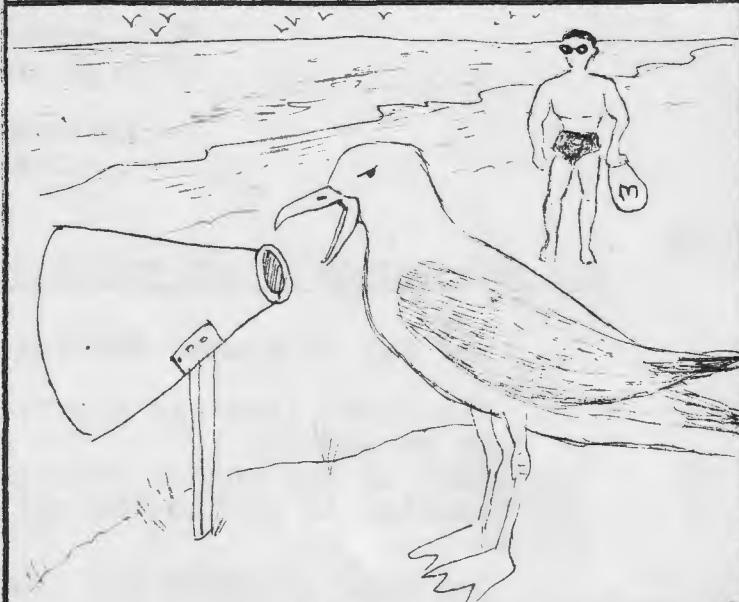
Corrections:

Zip code for Grace Martin
should be 92037.

Address for Janet Taylor
should be 472 S. Anza,
El Cajon, CA 92020.

Torrey Pines Docent Society
c/o Torrey Pines State Reserve
2680 Carlsbad Boulevard
Carlsbad, CA 92008

Torrey Titters



CALLING ALL GULLS!

CALLING ALL GULLS! CALLING ALL GULLS!
Man on beach heading south carrying a
big bag of "McDonalds" !



FOR

*Judy Schulman
4055-148 Porte La Paz
San Diego, CA 92122

