



# TORREYANA

*A monthly newsletter for  
Torrey Pines State Reserve*

Issue No. 237

February 1996

## NEXT DOCENT SOCIETY MEETING

Saturday, February 17, at 9 A.M.

Claire Brey, the Society's new honorary member, will be guest speaker and will talk on her favorite subject: grasses. She will discuss the role of native grasses in the southland environment and the adverse impact of invasive grasses, such as the *Ehrharta longiflora* recently found in the Reserve. For more information on the speaker, see the article on page 4 of this issue.

### Docent Society Election

At the February meeting the Society will have its annual election of officers. The nominating committee of Jim Cassell, Joan Nimick, and Don Grine reports the following nominees (an asterisk indicates an incumbent willing to serve another year):

President -----Don Grine	Secretary ----- Kathy Watson*
Vice President -----Vida Fruebis	Duty Coordinators**-Elaine Sacks* and Ann Campbell
Program and Activity Director - Walt Desmond*	Treasurer ----- June Brickelmaier*
Training Officer -- Joan Nimick	Editor ----- _____

\*\* Note: Beginning last year, two people share preparing the duty calendar.

Additional nominations may be made at the meeting prior to the election providing that the proposed nominees have agreed to be nominated.

### BEST WISHES TO RANGER GREG FOR A SPEEDY RECOVERY

Ranger Greg Hackett had just started a vacation in Wales the latter part of December when he was stricken with the flu, complicated by a recurrence of valley fever, which led to double pneumonia. He was hospitalized in Wales and then moved to a London hospital, where he will probably be until mid February. Friends wanting to send cards and letters to him should use the following address:  
St. Thomas Hospital, Lambeth Palace Rd., London, SE17EH, England, Great Britain  
Att: Patient Greg Hackett, Lane Fox Unit. (Mail takes about a week from here to the hospital.)

## Docent Doings

**Docent of the Month** - Dave Economou received this award for January for his continuing efforts to remove Hottentot fig. See page 5 for his report on the status of this work.

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**Children's Program** - This activity continues to grow, with school visits almost filling up the schedule to June. The program takes place on Wednesday and Friday mornings at 9:30 or 10 A.M. (depending on the school) and lasts until noon. Barbara Wallach encourages interested docents to help with the walks - or join a walk just to see how the regular weekend walks can be made more interesting for those visitors with children. The schedule is on the closet door in the docent room.

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**Parking Passes** - Members who were not at the January meeting may obtain their parking passes as follows: **Full Docents** - Obtain membership card from the docent cash drawer, review the volunteer service agreement with ranger staff, and then obtain the pass from the staff. **Supporting Members** - Passes are in an envelope in the docent box in the docent room. Supporting members who haven't yet paid the dues of \$25 should send checks promptly to TPDS and enclose stamped and return addressed business envelopes to receive their passes.

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**Extension Walk** - Jan Taylor has scheduled the first public walk for 1996 in the Extension for 9 A.M. on Saturday, February 10. Jan welcomes docents to join her and help with the walk. This will be an excellent opportunity to check out all the recent trail work done there (see Report from the Ranger for details).

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**We Can't Hear You!** - Soft-spoken docents should no longer be greeted with this response when talking to large groups outdoors, for the Society now has a small portable PA system with both hand-held and remote microphones. To obtain this unit for Society programs, see the Reserve staff.

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**1996 Training Schedule** - Training for 1996 new members is tentatively set to start on Saturday, March 9. The schedule will be in the March *Torreyana* and will be posted on the docent bulletin board by the beginning of March.

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**Newsletter Delivery Problems** - Some readers report late delivery or no delivery of the *Torreyana* (so far this appears to be random in area). Extra copies will therefore be provided in the docent room.

(continued on next page)

### PERIODICAL INFORMATION

Publication Title: *Torreyana*

Issue Date and Number: See front page

Publication Schedule: Monthly except for August

Organization: Published by Torrey Pines Docent Society, PO Box 2414, Del Mar, CA 92014

**Docent Doings** (continued from p. 2)

**Sandbagging the Reserve** - Most docents on the Beach Trail the past few winters have encountered docent Wes Farmer placing sandbags at strategic locations to reduce erosion from the rain. His work and photographs of the results were presented in a recent issue of *California Coast and Ocean*. A copy of the article is on the docent bulletin board.

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**Judy's Baskets Take a Trip** - Docent Judy Schulman's reputation for making prize-winning pine needle baskets has crossed state lines. She was recently asked to provide several of her baskets for a show in Phoenix. They are on display at an exhibit titled, "A Cultural Bridge - Traditional and Non-traditional Basketry from around the U.S."

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**Docent in Tosca** - Given the wide interests of docents, one never knows where they will appear. Members who attended the recent San Diego Opera performances of Tosca and thought they saw a familiar person on stage were right. Docent Bob Margulies had a supernumerary ("super" to opera fans) role as a priest. His big moment was walking up to the alter near the end of the first act. He had to attend rehearsals along with all the rest of the cast for three weeks before the performances. Being a super is not new for Bob, who did this at the Met while living in the New York City area.

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**Docent Honored** - At its annual tribute dinner, the Ecumenical Council of San Diego County honored five people for their community contributions. One was docent Rev. John Huber, recognized for his decades of ecumenism and his present work as director of the Lutheran Association for Continuing Education Services. Congratulations.

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**20th Anniversary Greetings to the Cannons** - Valentine's Day and Torrey Pines have a special significance for JoAnn and Jack Cannon, for they were married here on February 14, 1976, underneath the pine just outside the north doors of the Lodge. JoAnn was on a Reserve trail in 1975 when she met Loo Ann Barrett, the Society's first president. Her enthusiasm about the docent program persuaded JoAnn to join the fall 75 training group. Later that year she mentioned to Jack Cannon, an acquaintance in her apartment complex, that she was a docent and how much she enjoyed the activities, so he joined in early 76. With such a great common interest, Jack and JoAnn decided to marry, so Torrey Pines will always be very special for them. While they are supporting members now, they still attend most meetings.

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**Docent Volunteer Hours Report for 1995** by Elizabeth Nicoloff

The annual report [ed. note: compiled by Elizabeth] shows that 82 active docents contributed 9,363 hours during 1995. This compares with 8,497 hours the year before, contributed by 79 docents. Much of the increase can be found in the very active program for schoolchildren, which has grown each year since its beginning. Don Grine, in presenting the report at the January docent meeting, commented that probably much more time was actually contributed but not reported simply through neglect. He urged that all time spent in docent activity, whether at the Reserve or at home or at meetings elsewhere, be reported in the log book. The top contributor was *Torreyana* editor John Carson with 458 hours [ed. note: lest this number discourage prospective editors, the total includes considerable time with the reptile survey and other Society activities]. Treasurer June Brickelmaier spent 432 hours. Theo Tanalski spent 410 hours, many of them in computer training and use. Over 300 hours were clocked by Jim Cassell (330), Don Grine (309), and Joan Nimick (305). To those who gave fewer than the 72 hours pledged, Don ordered "Get going!" The report is posted on the docent bulletin board.

## San Diego Fossils by Don Grine



Dr. Tom Demere (photo courtesy of Eva Armi)

Dr. Tom Demere, head of the Paleontology Dept. at the San Diego Natural History Museum, reviewed fossils of San Diego County at our January 20 meeting. He started with a map and cross section showing the igneous (originally molten) and sedimentary rocks in the County. Fossils usually are found only in sedimentary rocks.

The oldest fossil shown in Demere's slides, a Jurassic belemnite from 140 million years ago (mya), was, however, in volcanic rock of the Santiago Peak Formation from Peñasquitos Canyon. The next oldest fossils shown were from the Cretaceous sediments of Pt. Loma, Pt. La Jolla, and Carlsbad. An armored dinosaur from Carlsbad even had its armor plates preserved. The famous boundary (KT boundary) between the Cretaceous and Tertiary hasn't been found in San Diego, but we have lots of tertiary rocks, including the Eocene Delmar Formation and Torrey Sandstone in TPSR. Although the dinosaurs were gone by the Eocene, we have plenty of shells, plant material, and vertebrates. Fossils shown included primates, sloths, camels, and a saber-toothed hypercarnivore.

Further fossils were shown from later periods not represented in the Reserve until the Pleistocene. Our reddish layers are all Pleistocene. Fossils included such large animals as mammoth, sloth, dire wolf, and capybara. Shell types suggest that water temperatures were warmer than they are now.

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## Society Honors Claire Brey



Claire Brey, showing Mojave yucca fibers (photo courtesy of Eva Armi)

At the January meeting the Docent Society awarded honorary membership to Claire Brey in recognition of her past work to remove exotic plants from the Reserve and in appreciation of her present work with docents to control the recent invasion of non-native grasses.

Claire's association with the Reserve goes back a few years, for this San Diego native (she grew up in Coronado) recalls taking bus tours as a young teenager from the Hotel Del Coronado to Torrey Pines Park for picnics. Her interest in plants really started when she joined the first Museum Canyoneer group in 1973. Later she took a botany course at San Diego State, during which she started learning about grasses at the suggestion of the instructor. From then on she has really specialized in grasses and become a local expert and resource.

In 1987 she became concerned about the Hottentot fig in the Reserve, and over the next few years removed about 300 large plastic bags of fig by herself. Last year she started working with Eva Armi and the grass group to try to reduce the effects of invasive grasses. Thanks, Claire, for being such a special friend of Torrey Pines!

## Herbicidal Spraying Update by David Economou

This last October, more herbicidal spraying of the exotic Hottentot fig was done under the auspices of our resource ecologist, Mike Wells. We used a new herbicide called Reward, a brand name for diquat dibromide. This new herbicide is thought to be superior to the previously used Garlon-2.

The areas sprayed were: 1) north of Yucca Point up to Razor Point, 2) the southernmost part of the Reserve by the golf course where the maintenance road ends, 3) both east and west sides of North Torrey Pines Road grade, and 4) limited areas on Guy Fleming Trail slopes.

In spite of recent spraying, all these areas, particularly north of the golf course and North Torrey Pines Road grade, still have large untreated areas of fig. Some areas just east of North Torrey Pines Road grade have enormous areas of the fig on steep hillsides.

To avoid possible water contamination, we will not be spraying in the Lagoon area even though there are large areas of fig there as well. These areas must be pulled by hand. Park Aide Rick Thompson's and Kathy Estey's groups have done much there - witness the large fig piles just east of the Reserve's entrance.

Looking back on two years now of spraying, I see major results. One obvious area is the Guy Fleming Trail's south overlook stairway. Both stairway sides there were covered with old, thick, deep fig. Then we attacked! First, the fig was sprayed and then allowed to die and dry out. Then, over the next year, groups of volunteers, scouts, Dept. of Corrections work crews, and docents removed the fig (leaving the dead fig in place would have retarded natural growth due to exotic chemical contamination and the natural physical barrier of the thick fig). Since then, rejuvenation (both natural and artificially seeded) has been wonderful. Walking by there is a gratifying reminder of the importance of our exotic removal efforts.

For years I felt unsure we would ever be able to control the ubiquitous, fast-growing Hottentot fig. I recall the analogy that came to mind of trying to break up an iceberg with an ice pick. But the herbicidal spraying is the sledge hammer that has finally brought the fig within control. It is much to Ranger Allyn Kaye's credit. She consulted with other state parks and gave the initial suggestion and follow-up enabling eventual go-ahead on the spraying.

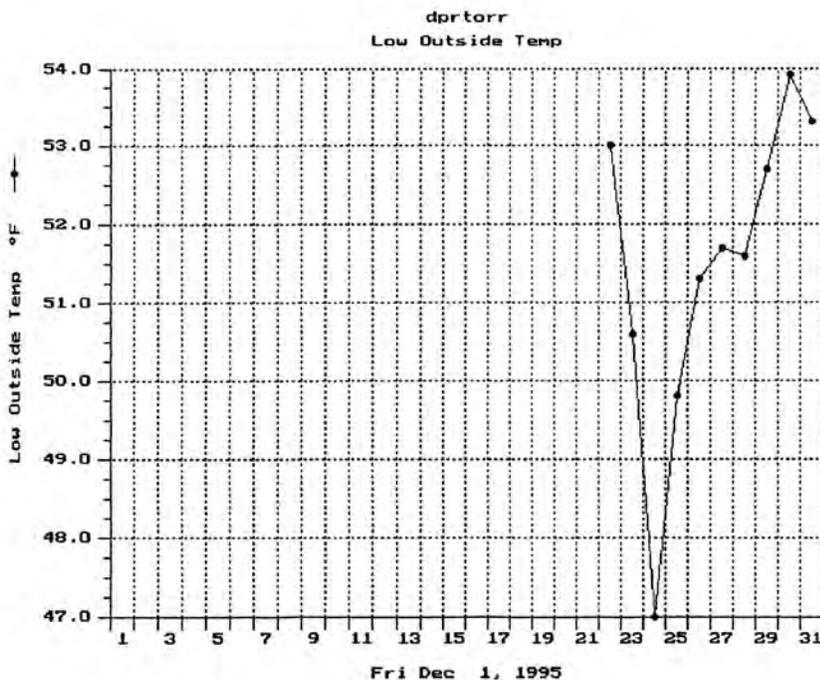
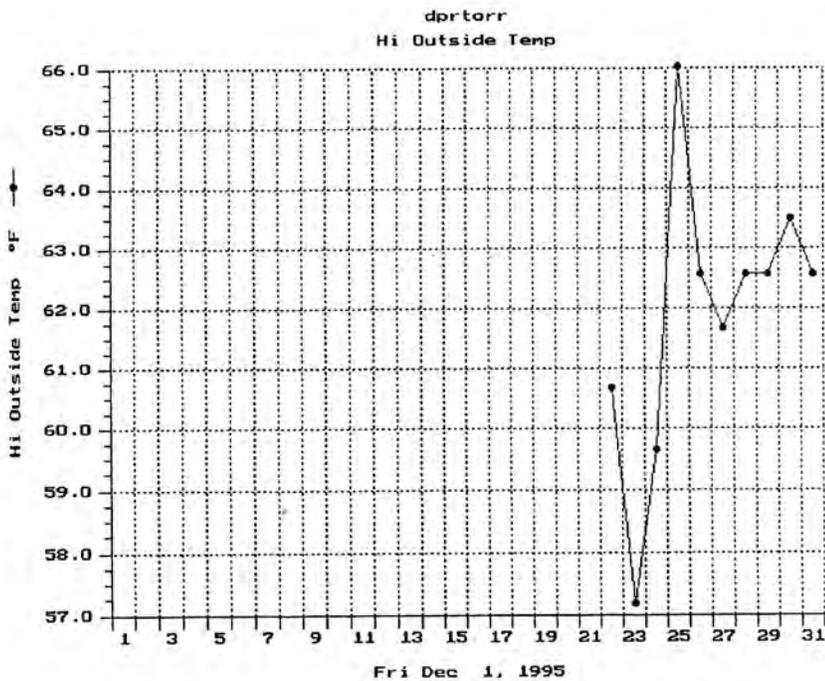
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## Exotic Grass Alert by Eva Armi

The help of all docents, staff, and TPSR research project people is needed to watch for new locations of the rapidly spreading invasive grass, *Ehrharta longiflora*, and to report the sites to Mike Wells, Charlie Kerns, or Eva Armi. So far this grass has not been found south of Parry Grove, except for one spot that Ranger Allyn Kaye found last year in Fat Man's Misery. Controlling the spread of this undesired grass is much easier if the new growths can be eliminated while still small. At present this grass is thick along North Torrey Pines Road grade, on the road up to the Lodge, and along the Guy Fleming Trail.

Please call Eva Armi (481-6288) if you have suggestions on controlling the spread of this exotic or would like to help in removing it. A group of docents is currently working two mornings a week on the Guy Fleming Trail. All interested docents are invited to join this effort. You'll learn how to identify the native and exotic grasses and how to remove the bad ones without spreading their seeds. Come help save the Reserve from the *Ehrharta* attack!

## A Reserve Research Note



### Lodge Weather Station

Last year the Society purchased some equipment to upgrade the Lodge weather station for use with the Reserve staff computer. Problems with the computer were recently solved, and the station is now operating. Data are stored in a station module and transferred to the computer on command. The software analyzes the data and provides full-page charts of just about whatever results are wanted, e.g., hourly, daily, weekly, or monthly plots of rainfall, relative humidity, temperature, wind speed, etc. This is a dramatic contrast with the handwritten records of past years and now makes possible full and accurate recording of the Reserve's weather. The sensors are mounted on the roof above the staff office.

Shown on the left are reduced size plots of the maximum and minimum temperatures per day for the last part of December 95.

My thanks to Ranger Allyn Kaye, current Reserve weatherperson, for demonstrating the system operation and providing sample plots.

## Where Have the Big, Fuzzy Bees Gone?



If you haven't seen any bumble bees the last month or so, there is no reason to be concerned. For unlike honey bees, bumble bees are seasonal, with only the new fertile queens surviving through the winter. Within the next few months, these large bees will again be present in area yards and in the Reserve. Of the twenty-four bumble bee species found in California, five occur in the County, and all five have been recorded in the Reserve. Here is some background information on them for docents to share with visitors who inquire about these bees.

**Life Cycle** - A colony cycle starts early in the year with a queen that has usually hibernated for a month or more during the winter in a protected place. The queen emerges, feeds on nectar and pollen, and locates a suitable nest site, often an abandoned rodent hole. She stores pollen and nectar in the site, lays eggs, and incubates the first group. The larvae feed on the stored food, pupate, and emerge as worker bees (sterile females), which are smaller than the queen. The queen continues laying eggs, and gradually a colony of bees is established, often consisting of a few hundred bees. Later in the season, some unfertilized eggs produce males and fertilized eggs produce queens. After a short time these males and females leave the colony and mate. The males die, while the queens look for food to build up body fat and then find secure places to hibernate. The colony's queen and the remaining bees eventually die before the end of the year.

**Some Characteristics** - Bumble bees visit many plant families, especially the sunflower, legume, and mint. Because of their large size, these bees can pollinate many flowers that short-tongued bees, such as honey bees, can not, one example being red clover. The female bees can sting more than once, while the males can not sting, even though they behave as if they can. Predators include shrikes (they capture the bees and impale them on sharp objects) and skunks (they dig up the nests and eat the bees). Because of the bee stinging defense, some families of flies mimic the bee appearance to enhance their own safety. To confuse the casual observer trying to identify bumble bees by their color pattern, some species living in common areas display color convergence (anything to make life difficult for the amateur entomologist!).

### Reserve Species:

**Bombus sonor** (Sonoran bumble bee) - This is the most common species in our area. It has a black head, a black band in the middle of the thorax, and a black end of the abdomen, with the rest being yellow (see ref. 2, p. 351, for a photo). Peak periods of activity are March to June for the colony queen (among the largest of the bumble bees in Calif.), July to October for the workers, Sept. to Nov. for males, and Sept. - Oct. for the new queens. This species is related to *B. pennsylvanicus*, common elsewhere in the U.S. but not found in California.

**B. vosnesenskii** (Yellow-faced bumble bee) - The most common species in the state. It is black with a yellow face (in contrast to the Sonoran), yellow on the thorax in front of the wings, and a yellow band on rear of abdomen. Unlike some species, this one has a very uniform color pattern. There is some queen activity during winter, so this species may be observed throughout the year.

**Other Species** - The remaining species are *B. californicus*, *B. edwardsii*, and *B. crotchii*. Identification characteristics involve detailed features best left to the experts.

**Origin of the Name** - One meaning of the word "bumble" is to make a humming or buzzing sound, hence bumble bee is a very descriptive name. Curiously, the major dictionaries list this name as one word, while all the entomology references I've consulted split the name into two words.

**Acknowledgment** - I first learned of the local species at a series of recent lectures on insects given by David Faulkner at the Natural History Museum. I am indebted to him for providing the species information and a copy of the key reference (see ref. 1, below).

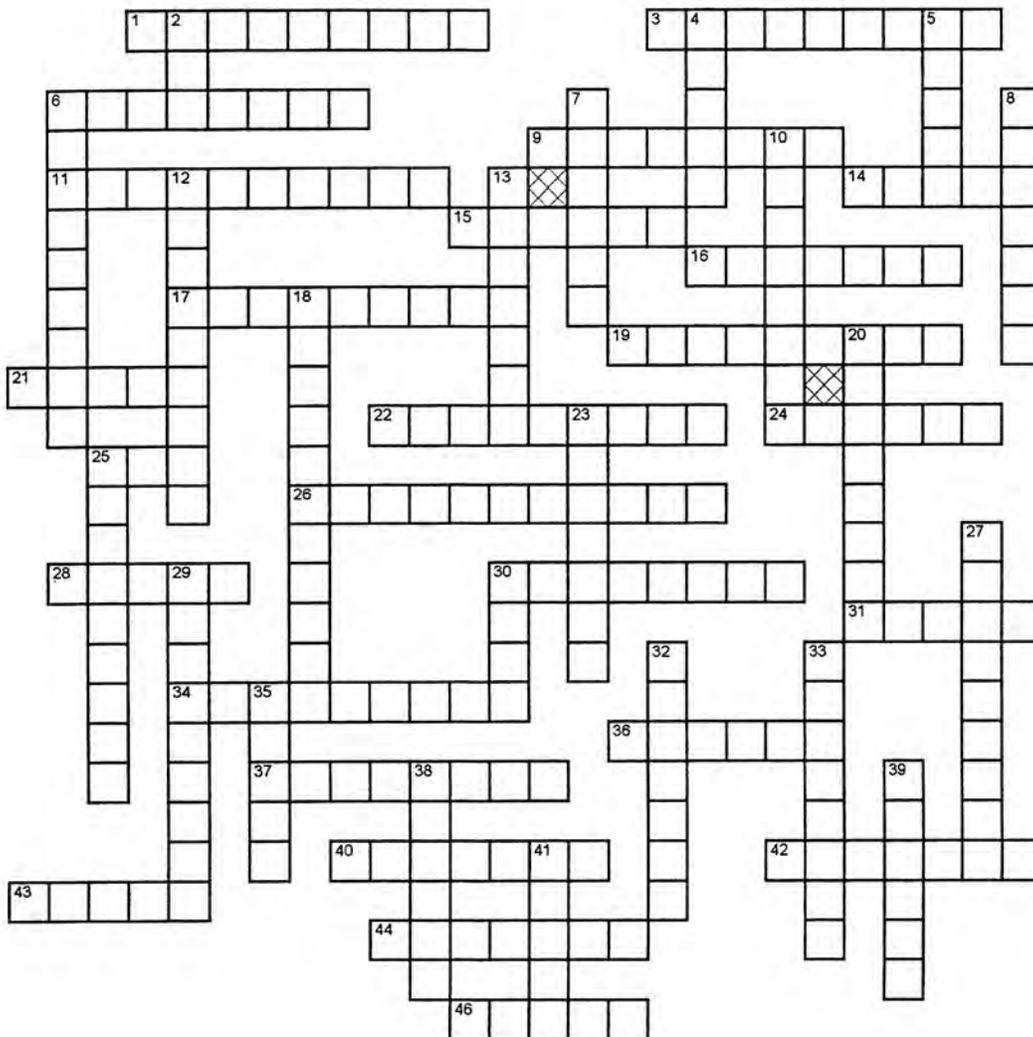
### References:

1. Thorp, R., Homing, Jr., D., and Dunning, L., *Bumble Bees and Cuckoo Bees of California*, U. Cal. Press, 1983.
2. Hogue, C. L., *Insects of the Los Angeles Basin*, Natural History Museum of Los Angeles County, 2nd. ed., 1993.
3. Powell, J., and Hogue, C., *California Insects*, U. Cal. Press, 1979.
4. Milne, L. and M., *The Audubon Society Field Guide to North American Insects and Spiders*, Knopf, 1980.

John Carson

## A TORREY CROSSWORD PUZZLE

People, Places, and the Natural History of the Reserve



### ACROSS

1. characteristic of baccharis
3. aromatic shrub, yellow-red fruit
6. "mattress" plant
9. "many footed" plant
11. makes Red Butte area slippery
14. naturalist and writer
15. colored part of paintbrush
16. landscape architect; helped plan Torrey Pines Park
17. bug; name derived from multicolor costume of 17th century performer
19. Formicidae family; processes seeds
21. likes to soar from Reserve cliffs
22. invasive plant
24. Indian scouring pad
25. formed to help preserve the park
26. geological process; formed TPSR
28. common lizard in Reserve

### ACROSS (continued)

30. prominent feature, beach area
31. part of flower beneath petals
34. chemical produced by insects
36. 30-40 million years old
37. here 5,000 years ago
40. Araneae; likes prickly pear cactus
42. makes up main part of chaparral
43. the State bird
44. builds high-rise residences
46. visiting waxwings like its berries

### DOWN

2. tunneling genus
4. State flower
5. shrub; pronounced two ways
6. ours is not the pancake genus
7. a short-tailed mammal

### DOWN(continued)

8. mammal; "plays" off shore
10. flowers turn red after pollination
12. red color not from its blood
13. sings all year
18. early volunteer in Reserve
20. neat flower
23. woodpecker named for him
25. green lynx likes this weed
27. sometimes called Calif. lilac
29. sclerophyllous plant community
30. prime number assoc. with our pine
32. helped found Torrey Pines Assoc.
33. "misnamed" mimic thrush
35. Miss \_\_\_\_\_
38. a preserve in TPSR
39. Quercus \_\_\_\_\_
41. 19th century botanist

Acknowledgment: My thanks to Canyoneer newsletter editor Paula Knoll for using her crossword puzzle software to design this puzzle.

## Library Grows in 1995 - A Report by Marc Gittelsohn

Our docent library grew from 396 volumes to 433 during the past year. Forty-three items were added and six were withdrawn (most of the latter were long missing). Of the 43 added, 7 were on insects and spiders, 7 on interpretation, 6 on plants and habitat, 6 on reptiles and amphibians, 4 on Indians, 2 on birds, 2 on earth sciences, and one each on environment, fish, natural history, tidepools, and Torrey Pines. Thirty-two of the volumes added were by purchase and the rest by gift.

A major effort was undertaken during the year to make the collection more accessible. The books were rearranged into twenty-three alphabetical sequences (Animals, Birds, Deserts, Earth Sciences, Environment, Fish, Gardens, etc.) and color coded. Most users have found the new system a substantial improvement over the former organization.

Gifts to the docent library this past year have greatly enriched the collection. We express our appreciation to the donors of the following gifts (donors' names are in parentheses):

Behler, John, *National Audubon Society Field Guide to North American Reptiles and Amphibians*, Knopf, 1994. (John Carson)

Emanuel, George, *California Indians; an Illustrated Guide*, Diablo Books, 1992. (Melanie Martinod)

Farnsworth, Kahanah, *A Taste of Nature; Edible Plants of the Southwest and How to Prepare Them*, Christian Services Network, 1994. (the author)

Grater, Russell K., *The Interpreter's Handbook*, Southwest Parks and Monuments Association., Technical Series #8, 1976. (Marc Gittelsohn)

*Windows on the Wild; Docent Naturalist Training Program*, Los Angeles County Department of Parks and Recreation, no date. (Barbara Wallach)

Ortiz, Bev., *It Will Live Forever; Traditional Yosemite Indian Acorn Preparation*, Heyday Books, 1991. (Helen Oswald)

Rhodes, Frank H. T., *Fossils; a Guide to Prehistoric Life*, Golden Press, Golden Nature Guide, 1962. (anonymous)

Sherbrooke, Wade C., *Horned Lizards; Unique Reptiles of Western North America*, Southwest Parks & Monuments Association., Popular Series #31, 1981. (John Carson)

Simpson, Michael G., et al., *Checklist of the Vascular Plants of San Diego County*, San Diego State University Herbarium Press, Special publication #1, 1995. (the authors)

Smith, Hobart M., *Handbook of Lizards; Lizards of the United States and Canada*, Cornell University Press, 1995. (John Carson)

Wertheim, Anne, *The Intertidal Wilderness*, Sierra Club Books, 1985. (Bob and Marge Amann)

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### Looking Back to 1950 in Torrey Pines

Members of the San Diego Audubon Society visited Torrey Pines in March 1950 for a walk with Guy Fleming. An account of the walk appeared in the first issue of the group's newsletter, *Sketches*. From the account: "A millipede hustled out of the way of tramping feet. A wrenit kept a little distance away, followed along, and its call could be clearly heard. A California Jay also put in an appearance. The walk ended by climbing the old road built in 1915 back to the Lodge. About 50 people enjoyed the outing . . . And thanks again, Mr. Fleming!"

## More on Torrey Pines Poems

The poem *Torrey Pines Reserve* by Ursula Le Guin in last month's newsletter prompted TPA Vice President Sally Spiess to provide some information on the poem's dedicatees, Bob and Mary Elliott, who were her neighbors. He was a professor of English literature at UCSD, and his wife was an artist. According to Sally, they really enjoyed walking in the Reserve and probably took Ursula Le Guin with them when she visited La Jolla.

During the Extension campaign, Sally's children helped with the fund raising. Her son Morgan (a 1969 graduate of La Jolla High) wrote the following poem in 1990.

### Torrey Pines Reserve

Between suburbia and the sea,  
There isn't much left that's wild and free.  
Very few places look the same,  
As they did before the developers came.

Between here and Los Angeles, there's hardly a spot  
That hasn't turned into a parking lot.  
Barely a trace is left of the past,  
And what little there is, it's fading quite fast.

Yet there is one place where you still can see,  
Some space that looks like it used to be.  
Not far from the freeway, overlooking the ocean,  
An oasis of sorts, amidst all the commotion.

It's almost an island, apart from the fray,  
Where things seem clearer, from farther away.  
A true sanctuary, both quiet and holy,  
Where time hasn't stopped, but it moves much more slowly.

We went there a lot, when I was a kid,  
And today it still looks pretty much as it did.  
It seemed no big deal, a hill quite like the rest,  
None of us dreamed there'd be North City West.

But today, looking back, it's a good thing they saved,  
Those few acres of trees, before it got paved.  
Because once it's gone, there's no way to borrow,  
A bit of the past, to keep for tomorrow.

## A Note to Members

For the past one and a third years it has been my privilege to be the editor of the *Torreyana*. I've tried to provide the information needed to keep the membership informed and up to date on the Society and the Reserve. And I admit to indulging in my own interests by including occasional articles on local history and plant and animal life, which I hope were useful. One disappointment has been my poor experience with photographs. Many prints that appeared usable in their original form simply did not reproduce well in the newsletter. So I offer the following New Year's resolution for the next editor: use no prints that have dark tones or shadows over any part of the subjects of interest. On a personal note, one benefit from doing the newsletter is that my typing has improved from poor to mediocre.

While there are times when a newsletter editor's job seems to be a solitary one, there are always other people who help. I want to thank the various docents who helped from time to time, and I am especially indebted to the following members: Marion Dixon, for her assistance when I started and for suggestions of topics; Del Roberts, for her docent biographies; Judy Schulman, for her articles and for always being ready to help answer my history questions; and Elizabeth Nicoloff, the ideal proofreader whose unerring sense of correct word usage was invaluable.

*John Carson*

## Report From the Ranger

**North Beach Lot Status** - After an initial delay caused by unanticipated problems in excavating the pavement, rapid progress has been made on renovating the entrance to the lot. All the road paving and sidewalk work is complete, and most of the exterior of the new kiosk is finished. So if the work continues at this rate, the lot may be open sooner than originally projected.

**Extension Trails Rebuilding Status** - The rains of the last two years caused extensive erosion problems in the Extension. This, along with all the plant growth stimulated by the rains, made most of the trails impassable. Beginning last fall, Ranger Chris Platis and Park Aide Rick Thompson spent much time in the Extension working with volunteer groups to restore the trails. At present the West Ridge D.A.R. Trail, the Mar Scenic Trail, and most of the Margaret Fleming Trail have been completely restored and are now accessible for walks. Still to be done is installation of a footbridge over a deep gully. Groups that have helped include employees of Bank of America and Scripps Hospital, Boy Scout Troop 782 and other troops, Girl Scouts, Sheriff work release people, and various private individuals. Thanks to all of them, and special applause to Chris and Rick for all their time and effort.

**Vehicle Security** - There have been some thefts of personal property from cars parked adjacent to the Reserve, including along Carmel Valley Road. Please remind visitors not to leave any valuables or personal items in their cars, including in the trunks.

### **TPDS Board**

President (acting)	Don Grine
Vice President	vacant
Program&Activity Director	Walt Desmond
Training Officer	Jim Cassell
Secretary	Kathy Watson
Treasurer	June Brickelmaier
Duty Coordinators	Ruth Ganeless Elaine Sacks
Torreyana Editor	John Carson

### **Changes in Address**

Torrey Pines Association PO Box 345 La Jolla, CA 92038	
Torrey Pines Docent Society Shirley Musser, Membership Chair PO Box 2414 Del Mar, CA 92014	

**Lodge Telephone:** 755-2063

### **TPA Board**

President	John Fleming
Vice Presidents	George Beardsley Sally Spiess
Secretary	Bob Coats
Treasurer	John Shelton

The *Torreyana* is issued monthly except for August by the Torrey Pines Docent Society, which gratefully acknowledges the assistance of the TPA in its production. Contributions are due 5 weekdays before the end of the month. Please deliver them to the *Torreyana* box at the Lodge. The *Torreyana* is printed on 100% recycled paper.  
 Editor: John Carson  
 Staff: Elizabeth Nicoloff, Glenn Dunham, Del Roberts, Walt Desmond

### **Ranger Staff**

Supervising Ranger	Bob Wohl
Rangers	Greg Hackett Allyn Kaye Chris Platis
Resource Ecologist	Mike Wells
Park Aides: M. Meszaros,	N. Ruhmke, R. Thompson
ESI: Stacie Hathaway,	Charlie Kerns

FEBRUARY DUTY CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Duty Coord: Elaine Sacks 551-0708 Hours: Lodge Daily 10 - 1, 1 - 4 Walks Sat/Sun/Hol 11 and 1 If you cannot do your duty, please arrange your own substitute.				1 L Jacobson L Campbell	2 L R. Miller L Gaarder	3 L Watson W Francis L Murthy W Stein
4 L Heller W Cassell L Myers W Stiegler	5 L R. Miller L Cooper	6 L Margulies L Hansen	7 L D. Miller L Amanns	8 L McDonald L Shaw	9 L Schroeder L Gittelsohn	10 L Ganeless W Francis L Murthy W P. Roberts
11 L Stone W Ferguson L Anasis W Dixon	12 LINCOLN'S BIRTH. L Schroeder L Huber	13 L Talberts L Hansen	14 L Gaarder L E. Sacks	15 L McDonald L	16 L Clay L McNally	17 MEETING L Heller W Brav L Watson W D. Miller
18 L Heller W Ferguson L Myers W Cassell	19 PRESIDENT'S DAY L Campbell L Cooper	20 L Margulies L	21 L Oswalt L E. Sacks	22 WASH. BIRTH L Jacobson L Shaw	23 L Clay L Gittelsohn	24 L Robertson W Brav L P. Roberts W Stiegler
25 L Schulman W D. Miller L Schulman W Dixon	26 L Hauer L Huber	27 L Talberts L Oswalt	28 L L Schroeder	29 L Estey L Altizer		

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