

Do not Remove - For Docent Files!

# torreyana

Published for Members of the Torrey Pines Docent Society, No. 18, June, 1977

Sunny Rankin, Editor

NEXT DOCENT MEETING - Saturday morning, June 18, 9:00 A.M. SHARP.  
SPEAKER - Molly Jean Featheringill, Director of the San Diego Ecology Center

The Ecology Center is primarily interested in the conservation of natural resources especially water, paper, etc. This is a topic of increasing concern to most of us. Ms. Featheringill will be at the lodge promptly at 9:00 A.M., so Docents should plan to be there on time.

## NOTES AND NEWS

### Ranger Kent Hartwell to Supervise Trainees - by Ranger Paul Anderson

Ranger Kent Hartwell, Supervising Ranger, for several years at the Reserve has accepted the position of Training Officer for the San Diego Coast area. He will be working primarily out of the Area Office in Carlsbad supervising, scheduling, and monitoring the training of ranger trainees and technicians.

Ranger Leroy Ross has accepted a promotion to fill the Supervising Ranger position at Torrey Pines. He has worked in all units of the San Diego Coast area for several years.



Hank Nicol, a State Park Naturalist, has recently transferred to the Reserve after working in the department's office in Sacramento. He is happy to be back in the field and is diligently brushing up on his plant identification and other interests of a naturalist. Hank will be available for help in leading nature walks and other interests of a naturalist. Hank will be available for help in leading nature walks and other interpretive activities. In addition, since summer is here, you will be seeing other new faces including seasonal park aids, Youth Conservation Corps workers and staff, ranger trainees, technicians, and maintenance personnel.

Please remember to identify yourself at the Reserve entrance and if there is a line of cars, be patient and wait in line.

### Youth Conservation Corps (YCC)

The Reserve is one of many YCC work sites across the country. Last summer, being our first year hosting a non-residential camp, was very successful. The program not only benefits our nation's youth in providing a meaningful work and learn situation, but benefits our natural resources as well. At the Reserve, for example, the YCC performs trail construction and maintenance, erosion control, management of native plants, and other environmentally oriented tasks which ultimately benefits all of us.

The Docent Lounge also serves as the YCC office. Space is limited and the YCC staff has been instructed to keep the area neat. I hope all Docents will do the same. A telephone will be installed on June 15. A second line is being added with a La Jolla number so that dialing to or from most San Diego areas will be toll free. Please refrain from making personal calls or any toll calls on the phone. The phone may be used for legitimate Docent business providing the line is not tied up for long periods of time.

#### EDITOR'S NOTES

Duty Coordinator, Bob Hopper, is spending 24 hours per day on the phone and \$972 per month in phone bills in an effort to place about 75 Docents in reasonable time slots! If you think this is hyperbole, it's only partly so. Please, from now on assign yourselves through Bob, 453-2422. If you have no assignments, you are not fulfilling your duty obligations as a part of your Docent volunteer work. Under such circumstances you will very quickly find that you are no longer a valued member of T.P.D.S. All good things can abruptly end!

Quail - look for baby quail on the trails at any time now. Coveys are abundant east of the Reserve. S.R. saw the season's first family (13 chicks) on Easter Sunday on her driveway. Who will see the first in the Reserve?? Let me know!

Mule Deer - occasionally deer can be sighted. This spring several have been hit by cars on Highway 1 enroute from the Reserve to the lagoon area. A doe was injured recently but was able to be rescued by Reserve personnel. She has had her broken leg cast and is recuperating at last word. Another deer had a romp in the surf at the north end of Black's Beach before a rescue team could relocate her.

These poor beauties are undoubtedly suffering from our history's worst drought and at the same time are being dispossessed of their lands by development. Recently S.R. was surprised one A.M. to see a doe and her fawn near a roadside between Olivenhain and La Costa in an area adjacent to a newly bulldozed mass of acreage. Despite my alarm at her need to show herself so close to population, she was so spectacular with her little one in tow, that I felt indeed privileged.

#### Speaking of Art

At the San Diego Council Chambers there is a three panel (4'x15") Mat. drawing of Torrey Pines. It is entitled "Then Shall the Trees of the Wood Sign Out." This piece was donated to the City, February 27, 1975.

and . . .

Finally, our beautiful Mullensky photos are hanging. Look about the slide room and see for yourselves. Steve's talents have not been properly appreciated yet, put your thinking cap on--we can do better still!!

PRESIDENT'S DP UP - by Gene Barber

Our dependability percentage (DP) for May was 92 percent. We filled 33 of 36 time slots. A good improvement has been shown in the last two months.

Congratulations and thanks to Millicent Horger, Sue Karcher, and Judy Schulman who have completed their checklists and have been transferred to full membership. Judy is the first member of the Class of '77 to attain this. She did it while preparing for graduation this month from UCSD!

Ralph (Rowdy) James is helping us as Docent sales manager. He is responsible for the operation of our sales counter. Our sales are averaging about \$40 per week. We hope to double this figure through an improved selection of books, plus postcards, posters, etc.

Any member or associate desiring a badge should send me \$1.32 by our meeting on June 18th. These badges will have white engraved letters on a dark green background as before, except with a safety catch. Your name should not exceed 16 letters and/or spaces. You may continue to use the cloth badges if you prefer.

The Docent Handbook preparation is proceeding on schedule through Elsa's efforts. Scheduled release date is July 1.

Docentry is communications. For many of us that includes knowing a bit about the literature. Who would like to give a brief book review at a Docent meeting or in the Torreyana?

Starting June 20th, Docents will be needed every day of the week. A press release is planned for that day to advise the public of the summer schedule.

Who would like to investigate the feasibility of an art show, "The Art of Torrey Pines," perhaps to be sponsored by the Docent Society within the next 12 months?

Associates needing assistance with their checklist will find Bill Brothers, our associate coach, to be an able helper. Call him at 462-7877.

MINUTES - MAY 21st MEETING - Bill Brothers

The meeting was called to order and the first point of business was to announce the summer schedule starting June 20. Weekend hours are from 11:00-5:00 P.M. with two shifts, 11:00-2:00 P.M. and 2:00-5:00 P.M., with walks at 12:00 and 2:00 P.M. The weekday schedule is from 12:00-4:00 P.M. with shifts at 12:00-3:00 and 1:00-4:00. Call Bob Hopper for a chance to express yourself.

Congratulations were given to Piper Lindsey, Sue Karcher and Marc Cimolino for their completion of the associate worksheet. It can be done. Gene stressed our Docent goal of \$100 profit per month on sales which is coordinated by associate member, Rowdy James, our sales manager.

Short topics included sightings of sea lions lying on the beach, rattlesnakes on the trails, the weekday sharing of our office with the YCC, money for the coffee mess and a nature walk kit prepared by Jean Hawthorne. This kit contains spoons, strainers, plaster, magnifying glass and an instruction booklet.

Mary Kelley informed the society on the acquisition of land south of the Torrey Pines Reservoir encompassing a hill with a view of the lagoon's watershed area. The Torrey Pines Association is trying to protect the complete watershed area from improper use, industrial "parks" and condo madness.

Steve Hutchinson from the Natural History Museum gave an informative lecture on general ecology citing examples from our marsh and chaparral environments. An excerpt for nature walks pertains to the nitrogen fixing abilities of ceanothus. This plant has bacterial containing nodules on its roots which convert atmospheric nitrogen gas into nitrate. Nitrogen is necessary for the formation of proteins in living organisms.

#### CALENDAR FOR JUNE-JULY

##### SAN DIEGO NATURAL HISTORY MUSEUM

- 6/17, Friday, 7:30 P.M. Lecture by Dr. Emma Lou Davis, Archaeologist. Early man's relationship with the environment and the extinction of animals in the Lake China region. Limit 290. \$2.00 to non-members; \$1 to members. Tickets at door.
- 6/25, 10:00 A.M. to 3:00 P.M. Insect Field Study. All-day excursion to North San Diego County to collect and identify spiders, butterflies, beetles, etc. Nets provided. Provide your own transportation. Bring lunch. Limit 30.
- 7/7. Four two-hour lectures and two field trips. Edible and non-edible flora. Two sections: (1) Thursday mornings 10:00 to Noon; (2) Thursday evenings 6:30 to 8:30 P.M. Limit 30. Historical ethnic uses of plants. Field trips July 30 and August 6. \$20 for non-members; \$15 for members.

##### SAN DIEGUITO ADULT SCHOOL - SUMMER SESSION

- 6/20-8/5. Nature Studies. Dobrott. 9:30-11:30 A.M. First class meets at Sea Cliff Park, one mile south of Encinitas Blvd; next to Self-Realization Fellowship. Study of plants, geology, tidepools, animal life on location in public parks and other natural settings in the immediate area. Adults not attending day school; free to those 60 and over; \$5 to others.

##### CABRILLO NATIONAL MONUMENT

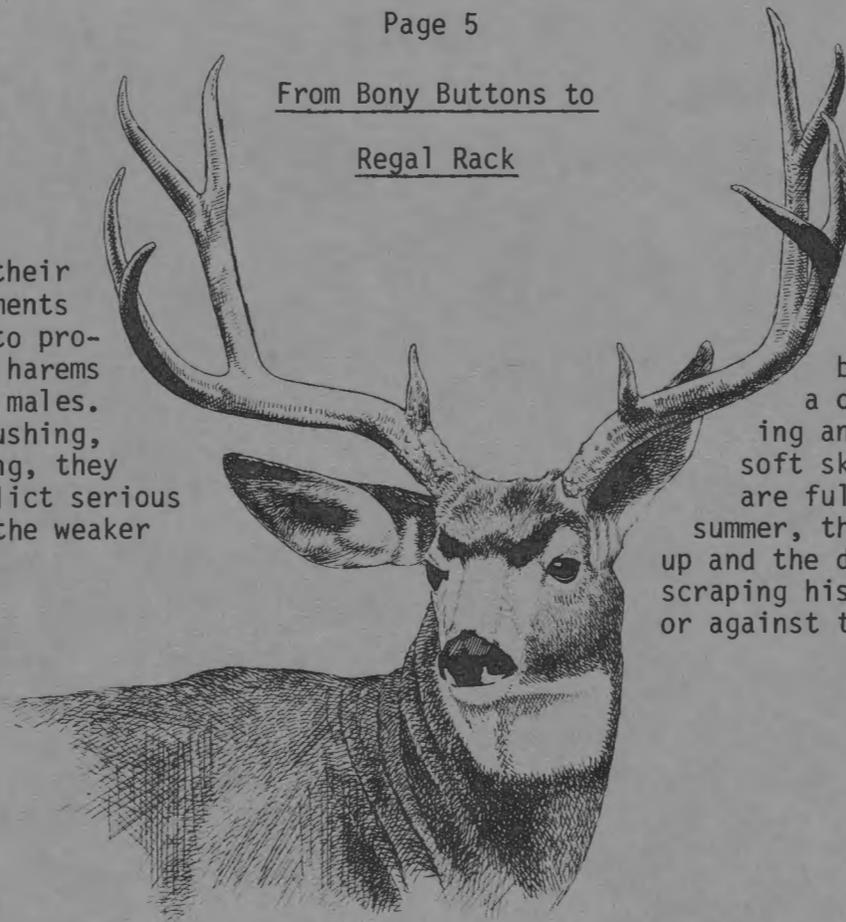
A summer-long series of films on National Parks every Monday thru Labor Day. Different films will be shown daily at 3:15 P.M. in the Visitor Center Auditorium. Included: Grand Tetons, Yellowstone, Gettysburg, Bighorn Canyon. For schedule, call 293-5450 or write P.O. Box 6175, San Diego, CA 92106.

##### BUENA VISTA AUDUBON SOCIETY

- 6/15. Field trip to Guajone Regional Park. 9:00 to Noon. Meet in parking lot off Guajone Lake Road. About one-half mile east of North Santa Fe Avenue (S-14) and 2/10 mile south of State 76. Learner will be a graduate in Biological Sciences. For more info, call Cora Wilson, 724-8223. This group will probably welcome non-members.

From Bony Buttons to  
Regal Rack

Stags use their head adornments in fights to protect their harems from other males. Shoving, pushing, and grunting, they rarely inflict serious injury as the weaker withdraws.



Growing anew each year from knobby bones on the skull, a deer's tender developing antlers are covered with soft skin. When the antlers are fully developed in late summer, the velvety skin dries up and the deer rubs it off, scraping his rack on the ground or against trees and bushes.

Higher and higher they rose each time; gracefully their bodies swayed inward as they described a curve along some bold ridge, or for a long space the white bannerets seemed hanging in the air while these wingless birds were really sailing over a deep gully . . . . When they were gone I went to their trail, where they had appeared to be rising and falling over the same place. Here was one track, where was the next? I looked all around and was surprised to see a blank for 15 feet. I went on--another blank, and again, and again. The blanks increased to 18 feet, then to 20 and then to 25. Each of these playful, effortless bounds covered a space of 18 to 25 feet. Ye gods! They do not run at all, they fly, and once in awhile come down again to tap the hilltops with their danty hoofs.

Mule Deer from Life Histories of Northern Animals, 1909  
by Ernest Thompson Seton

PROJECT WILDLIFE is an organization to help and protect injured animals, birds and other wildlife. A center is maintained at 764 S. Glen Oaks Drive, Alpine, California 92001. They also give training courses on handling techniques, feeding and diets and identifying native wildlife. 445-2398.

HUMMINGBIRD'S SONG (Aztec)

*Here I am*

*In the branches of the flowering tree*

*Colibrí the hummingbird*

*I please my nose it pleases me*

*Sweet juices*

*Are my own lips*

(translated by Peter Everwine)

GENERAL ECOLOGY - A Review by Steven Hutchinson

Reprinted for those who may have missed the May lecture.

1. The ecosystem is the major ecological unit. It has both structure and function.
2. The structure is related to species diversity. The more complex the structure, the greater the species diversity.
3. The function of the ecosystem is related to the flow of energy and the cycling of materials through the structural members of the ecosystem.
4. The relative amount of energy needed to maintain an ecosystem depends upon its structure. The more complex and mature an ecosystem is, the less energy it needs to maintain one unit of structure.
5. Ecosystems generally tend toward maturity. They generally begin with a less complex state and then progress to a more complex state. Such directional change is termed succession.
6. When an ecosystem is exploited and that exploitation is maintained, then the maturity of the ecosystem declines.
7. The major functional unit of the ecosystem is the population. It occupies a certain functional position related to its role in energy flow and cycling of nutrients.
8. Relationships among populations create new functional positions so that the accumulation of species in an ecosystem and the increase in maturity are to some extent self-reinforcing processes.
9. However, a functional position (niche) within an ecosystem cannot be simultaneously and indefinitely occupied by a self-maintaining population of more than one species.
10. The environment and energy fixation in any given ecosystem is limited. When a population reaches the limits imposed by the ecosystem, it must stabilize its numbers or ultimately decline from strife, disease, starvation, low reproduction, etc.
11. Changes and fluctuations in the environment (exploitation and competition among others) represent selective pressures on each population to which it must adjust. Organisms that cannot adjust disappear.
12. The ecosystem has historical aspects. The present is related to the past, and the future is related to the present.