



TORREYANA

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

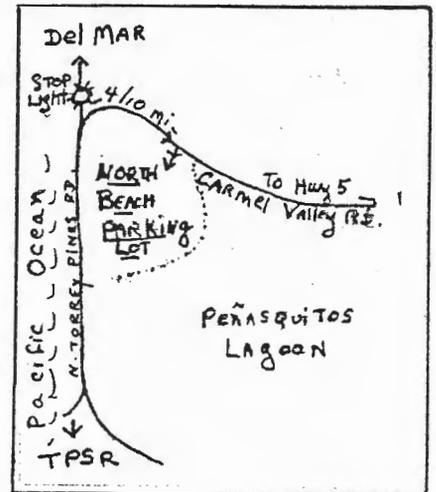
No. 163

March 1989

Next Docent Society Meeting

SATURDAY, MARCH 18, 7:30 A.M. AT NORTH BEACH PARKING LOT

It will be "All Aboard!" Saturday, March 18, when docents take off for Borrego Springs to see the Visitor Center and, if the weather cooperates, the desert in bloom. Docents making the trip are asked to be at the North Beach parking lot (see map on right) at 7:30 A.M. The bus will leave at 8:00 A.M. promptly, stopping en route at the overlook on Montezuma grade for a brief description of area geology. A catered lunch is included in the trip price of \$15, and will be served at a picnic area following a tour of the Center. Return is anticipated to be at 4:00 P.M. at North Beach. The bus loudspeaker system will permit necessary business to be conducted en route. Have a question? Call Michael Fox, 226-4676.

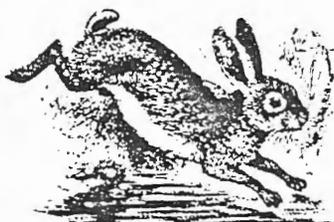
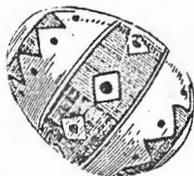


TPA AND TPDS ELECT NEW OFFICERS

At their February meetings, both Torrey Pines Association and Torrey Pines Docent Societies held their annual elections.

The Board of Directors elected for TPA is: President, Jeffery Frautschy; Vice Presidents, Frances Armstrong and John Fleming; Secretary, George Beardsley; Membership Chair, Peter Lucic; Treasurer, John Shelton. (See p. 5 for a short article on Jeffery Frautschy.) John Fleming, who is the son of Guy Fleming, was appropriately chosen to be in charge of the Association's fortieth anniversary next year.

The Docent Society's new Board of Directors is: President, Michael Fox; Vice President, Judy Carlstrom; Treasurer, Glenn Dunham; Secretary, Robert Talbert; *Torreyana* Editor, Marion Dixon. (See p. 4 for brief biographies of new officers.)





Docent Doings

PUBLICATIONS REVIEW COMMITTEE FORMED

At the request of the 1988 Board of Directors, a Publications Review Committee was formed (and reappointed by the newly elected 1989 Board). The committee's first task will be to establish a set of guidelines for TPDS-sponsored publications. After approval of such guidelines by the Board, the committee will then review all new publications for consideration and report its recommendations back to the Board. The committee will also be responsible for reprinting already existing docent-produced literature. Members are Judy Schulman (chair), Parker Foster, Rowdy James, Herb and Jean Swanson, and Chief Ranger Bob Wohl.

SALES AT LODGE SHOW INCREASE

In presenting the annual treasurer's report at the February Docent Society meeting, Elizabeth Nicoloff noted that 135 more annual passes were sold in 1988 than in 1987. Other sales also increased by \$1800, both indications of heightened activity at the Reserve. For those who did not receive a copy of the report at the meeting, it is on file at the Lodge.

Rowdy James, bookstore manager, noted that current stock is low, pending the remodeling of the sales and information area. Some surplus stock is in the Ranger's office. He reminded docents that they are entitled to a 20% discount on all items except those by Mat, for which they must pay full price.

HONORARIA FOR SPEAKERS' ORGANIZATIONS

The Board of Directors passed a motion at its February meeting providing honoraria up to and including \$100 as a donation to non-political charitable funds represented by persons who speak at the Docent Society's monthly meetings. Donations will be decided on an individual basis. A donation of \$100 was approved for the Fund for Animals Wildlife Rehabilitation Center in Ramona following the presentation by Chuck Traisi at the February meeting.

COMMITTEE CHAIRS APPOINTED

Incoming President Michael Fox has appointed the following Docent Society committee heads for this year: Publications Review and Historian, Judy Schulman; Bookstore Manager, Rowdy James; Membership, Millicent Horger; Library, Marc Gittelsohn. Appointments have not yet been made for Hospitality and Publicity.

A new position of Recorder was filled by Elizabeth Nicoloff, who will keep a monthly report of hours spent by docents in various volunteer activities. This is for the use of the society in recognizing the time contribution of its members. This record takes the place of a report to the State on volunteer hours, formerly filed monthly by the Ranger's office, which is no longer required.

NEW FULL DOCENT

Chris Ditar received her badge denoting her achievement of full membership in the Docent Society at the February meeting. Chris was a member of the 1988 class.

DOCENT HEADS SUCCESSFUL NURSING PROGRAM

The *Los Angeles Times* gave headlines Monday, February 20, to the Palomar Nursing Program headed by Docent Irene Stiller, whose photo accompanied the article. Last year the nursing class at Palomar had a 100% pass rate in the national licensing exam required to become a registered nurse. This is better than 90% of similar programs in the country. Congratulations, Irene!

TRAINING SCHEDULE FOR NEW DOCENTS

(Docents are asked to share this information with interested friends. Additional details will be in the April Torreyana.)

Saturday sessions will begin with sign-in from 9:00 to 9:15 A.M. In addition, Michael Fox will again offer his voluntary Sunday walks. Details to be announced.

- APRIL 8 - President's message
 - Chief Ranger's discussion of State park system
 - Introduction to ecology of the Reserve
 - Nature walk
- April 15 - (Regular docent meeting)
 - Botany of the Reserve
 - Nature walk
- APRIL 22 - History of the Reserve
 - Indian life
 - Nature walk
- APRIL 29 - Geology of the Reserve
 - Nature walk
- MAY 6 - Interpretative techniques
 - Take-home exams handed out
 - Nature walk
- MAY 13 - Wrap-up and handouts
 - Return take-home exams
 - Explanation of duty calendar (Georgette Camporini)
 - Nature walk



MARCH DUTY CALENDAR



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
February 1989 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	April 1989 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		1	2 Gittelsohn	3	4 Swanson L Swanson W Cheney L Roberts W
5 L W Lucic L Foster, PV W Dixon	6 B. Talbert J. Talbert	7 Martin	8 Margulies	9	10	11 Kiernan L Taylor W Morrow L Morrow W
12 L Buechler W Horger L Morrow W Morrow	13 B. Amann M. Amann	14	15 Marine	16 Gittelsohn	17 Nicoloff	18 Jollett L W L W
19 L Anderson W Fleming L Dunham W Dunham	20 B. Talbert J. Talbert	21 Martin	22 Margulies	23 Bardwick	24	25 Swanson L Swanson W Cheney L Fleming W
26 EASTER L Schulman W Anderson L Schulman W	27 Roberts	28 Bardwick	29 Bardwick	30 Morrison	31 Nicoloff	Duty Coord. Georgette Camporini 436-7028

BRIEF BITS ABOUT THE TPDS BOARD

Here's a little information about your new officers to help you get to know them a little better:

Michael Fox, president: As last year's successful vice president in charge of docent training, Michael is familiar with the ins and outs of the Society and hopes to enhance the Board's interaction with the general membership. He plans an active role in the training program again this year and has organized last year's suggestions to assist the new group. Michael has plenty of experience in working with programs and people: as a former field superintendent for an underground storage company, he maintained a 57-employee division and specialized in project management and development. Currently, he's an engineering student at Mesa College and an active flight instructor, with membership in the Plus-One and Consair Flying Clubs.



Judy Carlstrom, vice president: This is Judy's third time around in this role. She held the office in 1984 and 1985 and managed the docent training then as she will this year. Those who were in her training class remember her familiarity with Indian lore; others have noted her skill in handling children's groups--she has a basket of goodies such as shells, rocks, and fossils that really wake them up. She's also well known to most docents as the entertainer on the dulcimer at Christmas.

Glenn Dunham, treasurer: Many docents remember Glenn as president when they entered in 1984 or 1985. He aims to keep up the good work of his predecessor, Elizabeth Nicoloff, who held the post for four years. Glenn's qualifications for the job couldn't be better: he has been treasurer for several other organizations, has an MBS in business, and is a Senior Financial Specialist at General Dynamics. His interest in nature groups extends to the San Diego Natural History Museum, where he is canyoneer, and Sierra Club, where he is an outing leader.

Robert J. Talbert, secretary: If Bob Talbert puts the energy into his job as secretary that he did in flying through the docent training program last spring, we can expect to see a new record in recording. Bob has added to his nature lore since coming to this area by attending Barbara Moore's nature classes. He's interested in seeing additional coverage of the Lodge this year.

Georgette Camporini, duty coordinator: Georgette is familiar to any docent who has attended meetings in the past year as the hospitality chairman who provided the welcome refreshments. She can be expected to organize the duty schedule with similar efficiency and responsibility. Outside TPSR, she is a staff member at the UCSD Central Library. Previously, she taught music and yoga. Her concern for the environment has led to a recommendation followed up by the Board that those indestructible styrofoam cups be replaced with paper ones.

Marion Dixon, *Torreya* editor: Continuing (see last year's newsletter). One change this year will be a deadline one day earlier, the 24th instead of the 25th of the month.



JEFFERY FRAUTSCHY, TPA PRESIDENT

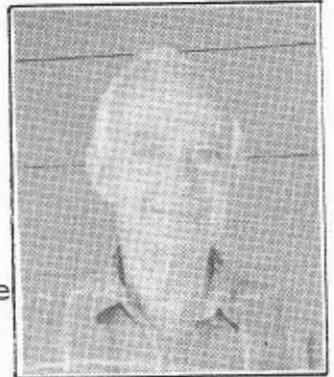
Guy Fleming would no doubt be pleased that his long-time friend and neighbor, Jeffery (Jeff) Frautschy, has been elected as president of Torrey Pines Association this year. Jeff is no newcomer to the area: he's been here since 1942, when he worked with the University of California Division of War Research at Point Loma.

After the war he went as a graduate student to Scripps Institution of Oceanography, having graduated from the University of Minnesota before his arrival here with a major in geology and minors in math and geophysics. His experience includes work with the U. S. Geological Survey on the gulf coast and additional work in marine geology at the University of Southern California. He continued his association with SIO in 1949, becoming assistant director in 1958. When he retired in 1982, he was deputy director.

He has served on the San Diego Regional Water Quality Control Board and also on the San Diego Regional Coastal Commission. From 1973 to 1978 he was San Diego's representative on the State Coastal Commission as well.

Retirement for Jeff isn't exactly the fishing-and-lounging life sometimes pictured. He is presently the San Diego Commissioner to the Southern California Coastal Water Research Project and serves as a panelist on the San Diego Inter-agency Water Quality Panel recently established by the California legislature to monitor and coordinate water quality studies of San Diego Bay. Off and on he is involved in various Scripps Institution and UCSD committees.

Concern for the environment is clearly a high priority with Jeff, and it was natural for TPA to want to take advantage of his experience and concerns. Such matters as the city's proposal to put a sewage treatment plant in Sorrento Valley, for example, currently require attention. This and similar issues constantly add to the group's general goal of protecting Torrey Pines State Reserve and related areas. As a mere two-year member in the 39-year-old organization, Jeff says he has to do some homework before he focuses his plans for this year.



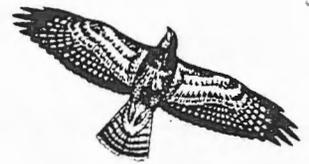
Whatever specific objectives he may come up with, his aim is to keep the park the way it is--as he described it, "one of the few places along the coast that looks pretty much the way it did 50 years ago."



MOONLIGHT

*Moonlight itself need make no sound:
Its silent call the rabbits hear
and form in circles on the grass.
Far down the hill the hounds rejoice.
The dappled woods send back their voice.
The sleeper, turning on his bed,
finds fairy music at his head
(Titania's friends are being wed).
The elfin players gather 'round
as moonlight itself need make no sound.*

--Iolani Ingalls



HELP FOR INJURED ANIMALS

When a hawk is shot through the wing or a coyote is hit by a car, they are sometimes brought to a special place for care in Ramona. This is the Fund for Animals Wildlife Rehabilitation Center, where Chuck Traisi manages five acres donated to the organization and a diverse, ever-changing population of wild creatures. Chuck spoke to the Docent Society at its February meeting and described the Center's operation.

At present the facility is home to 40 dogs, 30 to 40 cats (hard to keep up with their numbers!), some horses, two cows, 15 burros (which are available for adoption), 30 wild goats from San Clemente Island, 200 hawks and owls, a wide variety of small birds, 20 to 30 coyotes, a bobcat, a mountain lion, skunks, and possums. The Center is licensed for care by the California Department of Fish and Game as well as the federal Department of Fish and Wildlife.

Injured or orphaned animals get the treatment most appropriate for their condition, which may sometimes be euthanasia by injection if the injuries have been too extensive for any worthwhile quality of life to be possible. Diet for those who will live is carefully monitored, using a calculator to estimate the volume of food required per gram of body weight. Traisi cautions people not to try to raise birds themselves since it is so difficult to provide adequate nutrition--ground beef, for example, causes metabolic bone disease.

The Center is particularly concerned to avoid imprinting, the process by which animals become attached to the individual, animal or human, who takes care of them. After the initial helpless stage, caretakers avoid cuddling or displays of affection to prevent this relationship from developing. Whenever possible, animals are released into the wild, and if imprinting has taken place, they will probably not recognize other humans as threats and might then risk being killed.

The Center is at 18740 Highland Road in Ramon and is open to visitors Thursday, Friday, Saturday, and Sunday from 10 A.M. to 4:00 P.M.. Groups may call to arrange for tours of the facility at any time (789-2324).



People Ask

How can we know the meaning of bird behavior?

In *Guide to Bird Behavior, Volume II* (Stokes, 1983), the authors say: ". . . although behavior-watching can produce insights into human behavior, applying human motives to birds can be very limiting. When most of us try to supply motives for the behavior of animals, we invariably use motives that we would have in the same situation. 'The bird scolded me.' . . . 'He sang happily from his perch.' All of these statements are anthropomorphic: they are assumptions about the motives of birds based on human values. This tendency to explain the actions of birds in human terms greatly limits our ability to learn new things about the avian world. . . . What a bird does and why it does it are two different things. One is based on observation and is therefore mostly fact; the other is based on assumption and so is mostly speculation. The problem is that we have a strong tendency to mix the two, confusing facts with assumptions."

Report from the Ranger

NEW TPSR PERSONNEL

It's hard to keep up with the new faces appearing in the Ranger's office these days, but as of press time: Cindy Lindsay is a new Park Aide who will be here through September. Currently, she's the only aide on the staff. Eva Prather, a student majoring in recreation at San Diego State University, helps out on weekends. Eva also did her course field work at the Reserve. Kathy Bowman and Mary Gann, both with the newly acquired status of Ranger I, each spent a few days of post-graduate orientation at the Reserve in February. Kathy will return for a month in March and Mary for April as part of their rotation service through the park system.

Editor's Corner

In response to our request for additional help with the *Torreya*, Del Roberts and Bob Margulies have offered to take care of circulation--the job of folding, stapling, labeling, stamping and mailing, without which the newsletter wouldn't get to you. We are grateful to them and also to Grace Martin, who assisted us with this task for the past year. Other docents who make the newsletter possible are Isabel Buechler, former editor, who keeps the address list up to date and types the labels--there isn't a month that everybody stays put; and Georgette Camporini, who manages to squeeze in time among her many activities each month to help with layout and proof-reading. We appreciate this support--and, retrospectively, the immense amount of time and effort put in by Isabel Buechler, who did most of the job herself at one time.

SUPPORT FOR HANK NICOL

Readers wishing to appear as character witnesses for Hank Nicol, former TPSR naturalist, are urged to attend the hearing scheduled for Thursday, March 2, at 1:30 P.M. in the Municipal Court, Department 5, on the second floor of the San Diego County Courthouse, 220 W. Broadway. It is suggested that you arrive a little early and notify the attorney, Barton Noone, of your presence.



*To see the world in a grain of sand
And a heaven in a wild flower;
Hold infinity in the palm of your hand,
And eternity in an hour.*

--William Blake



MINATURE DINOSAURS by Barbara Coffin Moore

I was watching a video of a '60's film, The Lost World, the other night and suddenly realized that the terrifying giant horned dinosaurs scaring everybody in the movie were really mild mannered horned lizards.

One of the best camouflaged and least seen creatures in the San Diego area is the Coast Horned Lizard. Better known as 'horny toads', they are reptiles, not amphibians. Found in sandy areas of the chaparral and also the uplands Los Peñasquitos Lagoon, our San Diego subspecies grows to about 4 inches and sports fringed scales on the sides of its flattened body and long pointed ones on its back. The coloration of horned lizards is dependent on where they live. Those born in sandy areas are sand colored, those born in areas of red or brown soils are mostly those colors.

There are certain locations where horned lizards will consistently turn up. They tend to stay pretty close to where they were born because of their coloration and availability of food. When you do spot one, it is fairly easy to catch, because it usually freezes as it tries to blend in with its surroundings.

Once you have one in hand, it may inflate itself with air to make itself too big to swallow, another defense against predators. If you stroke it between the eyes or on the belly it will become immobile; you've hypnotized it. But don't take it home--it will refuse to eat and die.

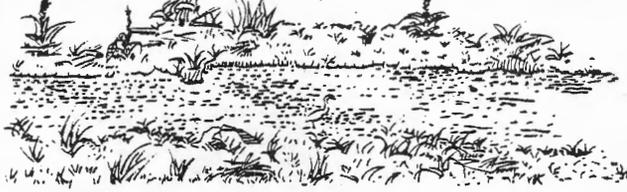
It spends the night buried in loose soil, emerging in the early morning to begin basking in the sun. You may see just the head poking out of the soil. Because it needs to maintain a healthy body temperature, a horned lizard spends much of the day positioning itself and moving in and out of shade. Late in the day, it digs back under the soil, by vibrating its head sideways.

Ants are the primary food, but beetles, flies, spiders, grasshoppers and moth larvae are also eaten. Some have been known to eat bees, unaffected by the stingers left on their lips. Insects are caught with a tongue flick and immediately swallowed. When food is scarce, horned lizards remain inactive underground.

Although the horned lizard has few enemies, the horns and its habit of inflating itself usually keep it from being swallowed. But when it feels truly threatened, it will shoot streams of blood from its eyes as far as four feet. Some unknown property of the blood seems to affect dogs and coyotes, causing them to salivate copiously. They hardly ever spray humans.

The female carries growing embryos in soft-shelled eggs internally for several weeks before she finds the proper site for the continued incubation of the eggs. She digs a six to eight inch long slanted burrow with her front feet. Six to twenty-one eggs are laid, rolled in dirt to coat them, packed in the tunnel and then the burrow is covered with dirt. After the nest is disguised, she will spend the night and then leave, never to return.

In five to nine weeks, depending on the warmth of the soil and other climatic conditions, the young begin to hatch, miniature adults, using an egg tooth to tear out of the shell and dig their way to the surface. About the size of a penny, they begin eating small ants and other insects.



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

LOS PEÑASQUITOS LAGOON FOUNDATION REPORT by Jessie La Grange

The Foundation will assume management for the "Sierra Del Mar" 20-acre link between TPSR Extension and the lagoon. Paper work with the County Recorder's office was recently completed, Steve Zimmer reported at the Foundation's February 8 meeting. This action places the acreage, which includes at least four rare plant species as well as protective cover for ground nesting birds, within the jurisdiction of the State Coastal Conservancy. A public dedication is planned for the near future.

Joan Jackson was authorized to present a statement opposing the Chevron development plan on Torrey Mesa at the Coastal Commission hearing February 10 in San Francisco. Opposition was based on lack of a plan to control sediment from extensive grading and altered land forms. Current sediment controls have not been implemented, adding to the already stressed lagoon system.

John Somerville, Consultant Manager for the San Diego Wastewater Program Management Project, described a plan for putting a wastewater treatment plant in the area of present Pump Plant #65 in Sorrento Valley, as well as at other sites in Los Peñasquitos watershed. Such a facility would not conform to Lagoon Enhancement Plan requirements and could not be approved by the Board. Public input will be considered at meetings to be announced.

A good machine opening of the lagoon was accomplished at the end of January, and the pedestrian ramp from beach to bus stop was also restored. A vigorous tidal exchange followed the opening, and in spite of meager rains lagoon waters are presently healthy and supportive to marine and bird life.

Financing was approved for a project described by Bill Tippetts which will include analysis of bottom sand grain size and possible chemical toxins in samples from western channels scheduled for dredging.

Chris Nordby, Lagoon Monitor, is requesting documentation of previous water quality reports from the Regional State Water Quality Control Board.

Joan Jackson reported on the "Alternate Transportation Plan" meeting with Del Mar city representatives regarding bicycle paths. At her suggestion an effort will be made to coordinate a plan to serve the entire area.

The next Lagoon Foundation meeting will be March 8, 7:00 P.M., location to be announced. For information, call Lynn Robinson, 697-1459.

LAGOON FOUNDATION BEGINS NEWSLETTER

Los Peñasquitos Lagoon Foundation began publication of a quarterly newsletter, *Habitat*, this winter. Complimentary copies are available at TPSR lodge currently. The Foundation is also seeking to enlarge its membership to support its activities, which include biological monitoring of the lagoon's wildlife, development of an interpretive trail, and acquisition of land easements. Individual memberships are \$25; family \$50; student, \$10; sustaining, \$100. Send to address at top of page. (Ed. note: The *Torreyana* will continue to carry brief reports from the Foundation, but readers wishing more detailed information are urged to become members.)

Torrey Pines Docent Society

President: Michael Fox

Deadline for Torreyana copy
is the 24th of each month.
Send contributions to the
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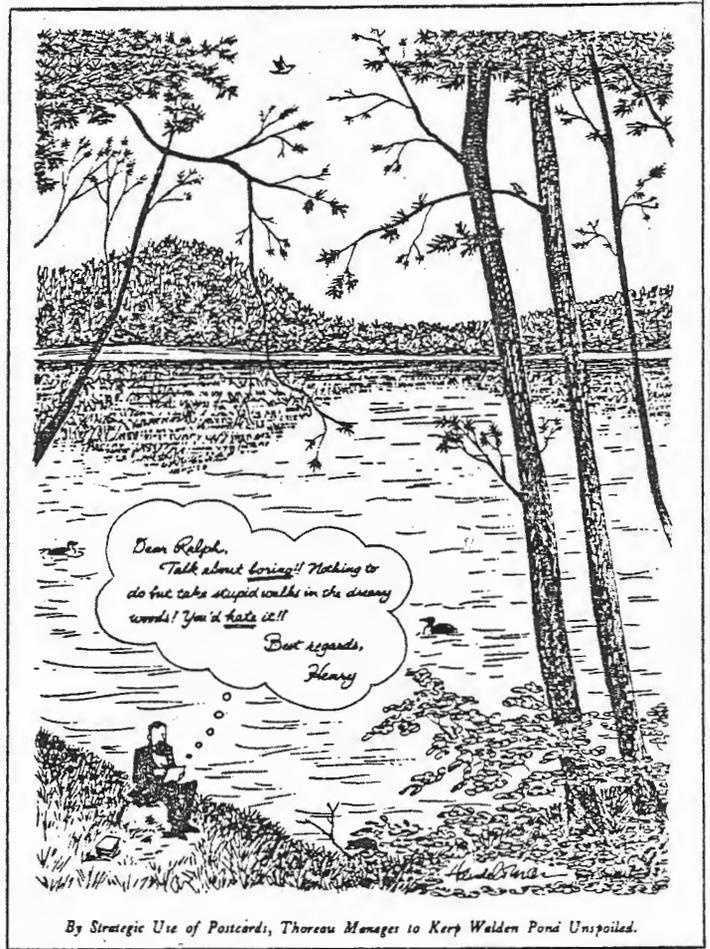
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