



# TORREYANA

A newsletter for  
TORREY PINES  
STATE NATURAL  
RESERVE

Volume 14, Issue 2

March 2013

## The Risks of Ocean Acidification

by Joan R. Simon

Dr. Martin Tresguerres, a marine biologist from Scripps Institution of Oceanography, brought his concerns to the February meeting about acidification of the oceans and the potential damage to coral reefs. He walked us through the recent rise in global warming created by the burning of fossil fuels stored in the ground over millennia. He noted that while there has always been a fluctuation in the amount of CO<sub>2</sub> in the atmosphere, “there is no precedent for the sharp rise of carbon dioxide in the air in recent years.”

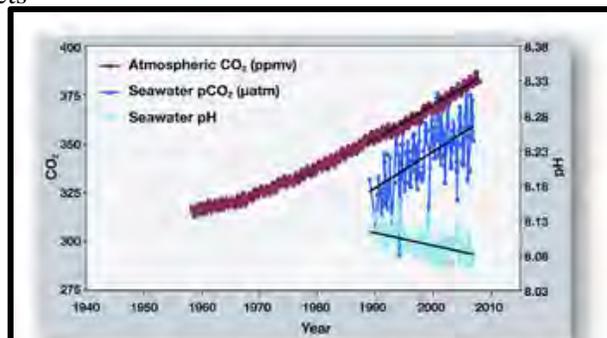
The main point he wanted to make was that CO<sub>2</sub> in the air also affects the ocean waters. “The more carbon dioxide in the air, the more CO<sub>2</sub> is being dissolved in the ocean,” he said. The result is a lowering of the pH value of the water, which equates to an increase in acidity (please see adjacent graph from [tinyurl.com/ocean-acid-noaa](http://tinyurl.com/ocean-acid-noaa)).

The question that Dr. Tresguerres posed was whether the animals in the ocean, and specifically coral reefs, can tolerate this rising acidification. He stressed the importance of this work because “even if we stopped

burning fossil fuels today, the pH level in the oceans will still be dropping for a few hundred years.”

So how does increased acidity affect life in the oceans? First, he explained, the shells of marine animals, as well as coral reefs themselves, are made up of calcium carbonate (CaCO<sub>3</sub>). He likened this material to the hard-water build-up in your shower. The way we get rid of that calcium residue is to use an acid, such as vinegar. So it would be logical to think that a more acidic environment would make it more difficult for marine animals to make their shells.

At the cell level, as well, “even mild acidosis can disturb the physiology of marine organisms,” he said. A drop in pH of as little as 0.1 would be



This graph shows the correlation between rising levels of carbon dioxide (CO<sub>2</sub>) in the atmosphere at Mauna Loa with rising CO<sub>2</sub> levels in the nearby ocean at Station Aloha. As more CO<sub>2</sub> accumulates in the ocean, the pH of the ocean decreases. (Modified after R.A. Feely, Bulletin of the American Meteorological Society, July 2008)

### Inside

President's Message	2
Gen. Mtg. Minutes	3
March Gen. Mtg. Program	3
Jim Cassell 1921-2013	4
Children's Program	4
Docent of the Month	5
Did You Know?	5
Art in the Pines	6
Whackier Than Usual	6
Poem by Rhea Bridy	6
Lodge Gem	6
Joy Inton's Earth-side Artwork	7
Bird List	7
Hosting Calendar	8

significant. Every cell must maintain pH homeostasis. Such things as metabolism, sperm and egg function, and growth and development are controlled by pH levels. As acid levels increase, cells must have a way of getting rid of the excess acid, because “the level of pH affects the protein structure of cells, which affects their function.” He emphasized that “if you change the structure of anything, it won’t work as well.” In humans, kidneys and lungs function to eliminate excess acid; fish can expel extra acid through their gills. But the work involved in coping with acidosis takes energy away from other cell functions.

(cont. on pg. 3)

The **Torrey Pines Docent Society** publishes the *Torreyana* bi-monthly, edited by Anna-Lena Malm. On alternate months, the Society publishes the *Torrey Pinecone*, edited by Joan Simon. Both publications include the monthly hosting calendar, announcements and information concerning membership meetings. Submissions for either publication are due on or about the 20<sup>th</sup> day of the preceding month and may be submitted to [Editors@torreypine.org](mailto:Editors@torreypine.org).

Please send postal/email address changes to: Torrey Pines Docent Society  
P.O. Box 2414, Del Mar, CA 92014  
Attn: Membership or to

[Membership@torreypine.org](mailto:Membership@torreypine.org)

Web sites:

TPDS [www.torreypine.org](http://www.torreypine.org)

TPA [www.torreypines.org](http://www.torreypines.org)

Visitor Center phone **858.755.8219**

#### **TPDS Board Members:**

President: Bill Eckles

Vice-president: Bob Doolittle

Treasurer: Carolyn Butterfield

Secretary: Lynne Truong

Dir. of Communications: Lou Adamo

Dirs. of Children's Program: Barbara Justice  
& Marie Johnson

Dir. of Programs: Hank Beck

Dir. of Training: Janie Killermann

Dirs. of Lodge Hosting: Irene Larrimore  
& Jan Lombardi

Extra newsletters are available in the Docent Library.

#### **TPSNR Staff:**

Supervising Ranger: Dylan Hardenbrook

Rangers: Kyle Knox, Mike Winterton, Lisa Urbach

Sr. Park Aide: Louis Sands

Park Aides: Laura Lowenstein (Volunteer Coordinator), Jake Mumma, Joy Inton

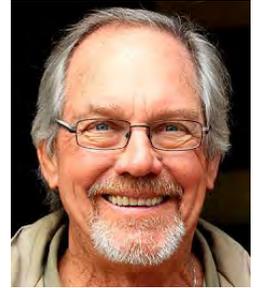
© **Torrey Pines Docent Society**  
Since 1975  
All rights reserved

Many thanks to Editor Ann-Lena Malm and the docents contributing to this newsletter and to faithful Team *Torreyana*. And thanks to Marian Casazza for mailing and distribution.

*Roger Isaacson*  
Publication Coordinator

## Message from the President

Having spent my "growing up" years in the Midwest, I still have "seasonal difficulty" with Southern California and, especially, our Torrey Pines State Natural Reserve. It is only the end of February and *Ceanothuses* are popping white, blue and pink blossoms all over the place. Clouds of flowering pear trees line suburban streets, and my back yard has blossoms on the apple tree, while red



*Leptospermum* blooms are filling their scratchy stems. The whale migration approaches "old hat" status. Now we're just waiting for the sand crabs to come back to spring's warmer water temperatures. Strange seasonal signs for an "inlander"...

But, as usual, the Torrey Pines Docent Society has started the new calendar year with gusto. The Children's Program is bursting with excitement, adding video production to young mind cultivation. Art in the Pines organizers are preparing for this very significant Docent Society event in May. New Trail Patrollers have completed their training and can spend more and more time helping visitors around both the Reserve and its Extension across the lagoon. Docent candidates began their training program late in February and will continue until June. The busyness is percolating. And, we're only entering March.

As was obvious from the General Meeting in February, the fence projects using Boy Scout Eagle candidates to provide materials and energy, while being supervised by our Seabees, are truly improving the entrance to the Reserve. Add to that, building fences at Torrey Pines is becoming the project *du jour* among several local Boy Scout troops. Associating with us both gives and gets pride! Such a great place to be...

It has been chilly, but we continue to have hoards of visitors walking or running on our trails and biking on the hill, while contemplating memories, tomorrows, and meanings among our trees. While we certainly hope for more rainy days before spring officially arrives, we know the temperature will be heading upward and activities will continue to increase. I am personally thrilled to be a part of this organization and the joy it brings to so many. I hope your feelings are similar, and I am confident they are, as I notice the responsible elation exhibited by so many of the docents. Thanks for a great start to the year, and please continue your hale, hearty and healthy actions throughout the Reserve. Enjoy our most beautiful season!

*Bill Eckles*

President,  
Torrey Pines Docent Society

(cont. from pg. 1)

Will the organisms be able to grow and to reproduce if some of their energy is being used to reduce an overly acidic environment?

The health of coral reefs is Dr. Tresguerres's research focus. Reefs are chunks of rock with a top layer of tiny, interconnected polyps, like sea anemones, sitting on the surface. Within these polyps are algae that live symbiotically with the corals. The algae share the energy they receive from photosynthesis with the polyps and the polyps provide them with shelter and some nutrients. Over hundreds of years they build up the coral reef beneath them.



Photo by Dr. Katie Barott

Many questions about ocean acidity and coral reefs are being investigated by Dr. Tresguerres and his colleagues at Scripps. They are taking cells from corals and bringing them into the lab to test how acid affects their functioning. They are trying to find out how external CO<sub>2</sub> affects the pH inside the cells. Can cells compensate? How much energy does it require, and what are the consequences?

Many Scripps researchers are also doing surveys in the field. For example, there is a major project led by Dr. Andreas Andressen in the waters around Bermuda. Reefs in this area are already 20 – 25 years ahead of the rest

## Docent General Meeting Saturday, Mar 9<sup>th</sup> 9 am

Location: St Peter's Episcopal Rec Hall, Del Mar

Speaker: Photographer/filmmaker, Jim Karnik,

Program: Filming the Wilds of San Diego

Jim Karnik, will give a presentation on filming San Diego's incredible natural diversity over the last 25 years.

Jim has been filming nature in San Diego for over 25 years and has filmed most of the habitats and species in the county. He is now excited to recapture the beauty and natural diversity of San Diego using the latest HD SLR (High Definition Single Lens Reflex) cameras, which allow for both high definition video and high resolution still photography.

Accompanied by sample video clips from early projects for cable and broadcast to current high definition mini-docs for web distribution, Jim will talk about exploring San Diego's spectacular natural diversity through his many years of filming the wilds of San Diego. The presentation will also recognize some of the naturalists and specialists who have provided their expertise to make these programs possible, as well as demonstrate how video production technology has changed over the years. This all leads up to the current filming of a new high definition habitat series, "The Wilds of San Diego."

of the world in terms of the effect of acidity, Dr. Tresguerres explained, and thus they serve as "the canary in the coal mine." In addition, the Scripps team is currently designing a display room at the Birch Aquarium illustrating the effects of acidification on the oceans, which Dr. Tresguerres encouraged us to visit.

[Editor's comment: For a related article, please see: *Red Tide Sensitivity to Ocean Acidification* by Matthew Goldklang, Science Fair winner from San Diego Jewish Academy, Grade 11, in the [May 2011 Torreyana](#) ]

## February 2013 Docent Meeting Minutes

*Excerpted from notes of TPDS February 9, 2013 General Meeting, by Secretary Lynne Truong. Complete minutes are in the docent library.*

Meeting called to order at 10:35 am by President **Bill Eckles**.

**Spotlight On:** Boy Scout Colin Wood, a 16 year old sophomore at Canyon Crest Academy spoke. Colin earned his Eagle Scout badge by building a 250-

foot fence on the south corner of the South Parking Lot. He spent a total of 354 hours on the project, with help from his mother, Park Aide Jake Mumma and several docents. His project and his love of hiking in TPSNR were inspired by a 3<sup>rd</sup> grade field trip to the Reserve with Docent **Sherry Doolittle's** class.

**Docent of the Month: Judy Schulman**  
See page 5.

**TPA: (Rick Vogel)**

- Invited all docents to the TPA's Annual Meeting, February 24, 3-5pm at the Martin Johnson House. Guest Speaker was Todd Braje. Topic: Archaeology and Historical Ecological Lessons from California's Channel Islands.

**Treasurer's Report: (Carolyn Butterfield)**

- Net income of \$5,167 comes from the museum shop, special walks and gift donations. Carolyn now has two helpers: **Cecil Hornbeck** is helping with banking and **Gerry Lawrence** is now helping with paying bills.

### Museum Shop: (Nancy Woodworth)

- Nancy announced that she's almost done with the Museum Shop inventory.

### General Announcements:

- **Bill Eckles** let us know that there are no new announcements from our rangers.
- **Chuck Anders** announced that only fresh fruit and drinks are provided for the General Meeting. He is asking for docents to bring baked goods to share.
- **Kristine Schindler** announced the next road cleanup is March 1<sup>st</sup> at 9 am. Please RSVP and let Kristine know that you'll come to help.

Children's Program: **Marie Johnson & Barbara Justice** read some cute thank you letters from the students who came to visit. The program has served 540 children with the help of 55 docents so far this school year. They encouraged docents to tag along on the Children Program walks.

### Art in The Pines: (Judith Zyskind)

- **Cindy Wollager** submitted raffle application. We will officially have an Art in the Pines raffle. Appealed to docents to solicit donations from local businesses. Will continue to have artist donations for the raffle.
- There will be basket-weaving demonstrations during the event.
- **Lillian Lachicotte** will have signup sheets for volunteers for the event.

Science Fair: (**Sally Whitlock**) The Science Fair is March 20<sup>th</sup>. Docent judges are organized and all docents are encouraged to visit the Fair the weekend of March 23-24.

TIK training: (**Sally Whitlock**) There is a signup sheet for TIK training in two-hour slots. If there's not a time slot that works for you, just show up and hang out with someone who's there.

Docent Training: (**Linda Zlotnik**) Training begins February 23<sup>rd</sup>. They need audio/visual help. Anyone who



### Jim Cassell 1921-2013

Monday, February 18, 2013, our friend, mentor, and fellow docent died peacefully in his sleep. We all have wonderful memories of Jim and stories to tell.

His family invites his friends to a Memorial Open House at his home on Sunday, March 3<sup>rd</sup> from 2:30 to 4:00 pm.

Donations in his name may be made to the Torrey Pines Docent Society or Vitas Hospice.

See you on the trails, Jim. B.W.

[Ed. Note: We would like to devote space in the April *Pinecone* to remembrances of Jim from his fellow docents. Please keep your submissions to under 300 words and send them to [editors@torreypine.org](mailto:editors@torreypine.org) by March 18<sup>th</sup>.]

wants to help can get training from **Steve Rose** or **Bob Doolittle**. The Class of 2012 was reminded to select an organizer to coordinate snacks for the trainees.

Trail Patrol: (**Sherry Doolittle**) New trail patrolers were trained by Ranger Kyle Knox.

### Communications: (Lou Adamo)

- Lou acknowledged **Darlene Martineau** for the wonderful speakers she secured for last year's general meetings.
- Tried out two different microphone systems: the lapel clip microphone with our guest speaker and the headset microphone with the scout.

Everyone liked the clear and crisp sound of the headset microphone.

### General Questions:

What are the pink ribbons on trees? To alert the CCC crew that the plants/trees are endangered and to take special care to protect them when working on the ADA trail improvement project.

The meeting was adjourned at 11:30 am

## Children's Program

by Marie Johnson & Barbara Justice, Children's Program, Co-Directors and Louis Sands, Children's Program Coordinator

We are having a fun and busy beginning of 2013 thanks to our Coordinator and all the docents participating in the Children's Program. We had three different topics for February: Ocean, Whales & Dolphins (2), Geology (3) and Kumeyaay Indians (4). A total of 523 children and 55 guides participated in the program. Presenters for February were: **Janet Ugalde, Ann Smith Mercandetti, Joellen Barnett, Ann Williamson and Margaret Fillius.**

We are planning a training session for docents involved in the Children's Program and all other interested docents for March 14<sup>th</sup> at 12:30 pm in the Museum. The title is "Museum Animal Tidbits" and the session will cover facts about our taxidermy animals and how diversity leads to a healthy reserve. The leader of this session is **Barbara Wallach**. Thanks Barbara!

If you want to know more about the Children's Program or want to join us for a hike, please contact us. To sign up, please go to the TPSNR website and sign up on dates highlighted in red. The 2013 trainees are also welcome to come and hike with us.

You meet so many wonderful children and hear a lot of cute and funny comments. One of the kids wrote in her thank you note: "It was nice when you took us to the museum. I liked when we saw all the dead animals. And I liked pulling the iron out of the sand..."

# Docent of the Month

## Congratulations, Judy!

Photo by Herb Knüfken

And, here, in Judy's own words, is why she initially became a docent and has stayed with the Society for 36 years:

*I became a docent in February 1977. For those of you who are counting, that makes 36 years! I was in the third docent training class. Prior to becoming a docent, I had only been to the park once. But that was enough for me to fall in love with its beauty. I was here as part of an accelerated Spanish language class where students were taught fun subjects in Spanish. Mine was a photography class. By the way, neither my Spanish nor photography is that good! I was a senior at UCSD majoring in social psychology. I had come to the sad realization that I was just an effective studying machine, but had no other real life experiences or skills. So when I saw an ad for a docent training class in the UCSD student newspaper, I signed up. I still remember going up to the president and apologizing that I didn't know anything about nature, but asking if I could still join. Well, within three months (after spending more time at Torrey Pines than doing my own research and preparing for teaching psych classes), I was the first trainee in my class to finish.*



*I can truly say that most of the good things that have happened to me have come from my affiliation with the TPDS. I definitely would not have become a basket weaver or an "expert" on Camp Callan and Torrey Pines history. Two of the best pieces of advice I have ever received came from people at Torrey Pines. One of the rangers once told me that it was important for everyone to become an expert in something. He said that this would follow you in a positive way for the rest of your life. Another came from a Native American docent trainee who told me that I would have more credibility with his people, as well as my own, if I just didn't talk about Native Americans from what I learned in books (at that time, my history lecture for training also included a section on the Kumeyaay). He suggested that I should learn some of the things I talked about first hand. That partially led to my interest in basketry. I have now been weaving for over twenty years!*

## Did you know?\*

by Tom Polakiewicz

### Bigger than a Breadbox

Walking around the Reserve today in the early morning you might be thrilled to see a bobcat—or even the tracks of one. At the end of the last Ice Age, only about 11,000 years ago, when humans first entered



the Torrey Pines area, things were a bit different. The first settlers encountered much bigger animals on their morning stroll.

Baby bobcat rescued by Supervising Ranger Dylan Hardenbrook at TPSNR in June 2011

In those days, San Diego County was still the home of lots of very large beasts. Camels, tapirs, horses, bison and guanacos still roamed the grasslands, but even larger animals ranged freely, as well. Dire wolves, *Canis dirus*, 25% larger than today's grey wolves, competed with saber tooth cats, *Smilodon fatalis*, for prey. The biggest feline, however, was the American lion, *Panthera leo atrox*, which weighed in at 500 pounds and measured up to 11 feet nose to tail, much larger than today's African lion.



Three kinds of giant ground sloths were

File: *Panthera leo atrox* Sergiodlarosa.jpg  
From Wikipedia, the free encyclopedia

present, all the size of small hippos, eating a wide variety of plants. But the king of the vegetarians was the Mammoth, *Mammuthus columbi*. These mighty beasts stood 14 feet at the shoulder and weighed an impressive 11 tons.

It is hard to imagine that these enormous animals were present in our area such a short time ago. That their time could end so abruptly should serve as a warning to us that nothing on earth is permanent—and that change can happen very rapidly.

\*This "Did You Know?" tidbit is one of an occasional series of submissions from **Tom Polakiewicz**

# Art IN THE Pines

by Lillian Lachicotte,  
Bobbi Krueger and  
Cindy Wollaeger

Planning for Art in the Pines is in full swing. Bookmarks and flyers designed by our talented and capable Grace Swanson will be at

our March meeting.

Our AITP drawing has become a fun part of the weekend experience. Last year we had many pieces of original art, jewelry, ceramics and gift certificates for the lucky winners. This year we are asking all of you again to help us secure these prices. As you walk your favorite neighborhoods, think how nice it would be to have your dinner bill reduced or a free spa treatment. Getting a donation is as easy as asking and showing our 2013 flyer to encourage the donation. ([artinthepines.org](http://artinthepines.org) has a flyer button so you can print one yourself.) Also, **Cindy Wollaeger** has a donation letter and a form that provide all the necessary information, so please email her for those. (See Docent Roster for email.)

**Volunteers:** Starting March 1, there will be a sign-up sheet in the docent room with a sheet listing the volunteer positions, times and directors. These sheets will be available at the March meeting, and the volunteer information sheet will be put on the [www.torreypine.org](http://www.torreypine.org) site as well. You may also contact **Lillian Lachicotte** to volunteer, if you prefer. Hope to see your name, and remember, you may volunteer for more than one shift.

**Reminder to docent artists!** TPDS docents will again have a docent artist booth at Art in the Pines. It was very successful the last several years. There is no application fee, and the Torrey Pines sales commission of 35% becomes a nice donation to support our beloved Children's Program. Please contact **Bobbi Krueger** for an application.

## \*\*\*\*\*Lodge Gem\*\*\*\*\*

From one of Judy Schulman's Lodge hosting sessions:

"A little girl said something very touching to me on Sunday. She had asked me where we got the animals. I told her about taxidermy. She then asked if we could take her dog when it died. That way she would still be able to visit it."

## Whackier Than Usual

by Roger Isaacson

While pulling out invasive Erharta grass on the SW Guy Fleming Trail recently, I had a surprise wildlife encounter. Reaching out for green sprigs of grass, I grabbed some feathers instead. There was a strange bird lying flat to the ground with wings spread out and breathing heavily. I called over some fellow Whacky Weeders to see what it was. While we watched, its breathing slowed and the only visible eye closed. Thinking it might be injured, we called Park Aide and Docent **Laura Lowenstein**, who then called a bird rescue group. The rescuer arrived after about a ½ hr or so. However, on seeing the "red rescue crate" the bird just flew away. The lady from bird rescue identified it as a night hawk (probably very young) and said that was typical behavior to "play dead."

Night hawks are more common in the Extension, and the Torrey Pines Association has held events there to observe them during their evening feeding.

### After the Rain

by Rhea Bridy

Some say spotted towhee is shy, but I after the rain see him leap to open path under torrey tree sashaying left sage scented sashaying right buckwheat strewn fresh and intoxicating handsome and hungry all dots and feathers--cinnamon orange liquorish black round sugar white, hopping towards hope in the pantry of life and softened seeds.



Night hawk photo taken from a video by Roger Isaacson

Original video (only 7 sec posted) [youtube.com/risaacson128](http://youtube.com/risaacson128)

## Joy Inton's Earth-site Artwork on Torrey Pines State Beach: *History of the Earth*

by Diane Stocklin

**Joy Inton**, a TPSNR Park Aide and docent, was walking on the beach enjoying some free time on January 26<sup>th</sup>, and inspired by the earth-site artist-naturalist, Andy Goldsworthy, she started arranging some stones she found on the beach. In earth-site artworks, the earth is the source and the canvas. It involves the rearranging of the natural materials without damage, and it cherishes the sacredness of the natural environment.

Joy was also inspired by a lecture on fossils by Wes Farmer, who stated that on the beach, "children were playing with the sands of time." While choosing rocks in the sand and starting to arrange them, she felt overwhelmed by the colors. She had never paid much attention to the individual trait of each stone, but with each placement, a special trait of each one stood out.

She said, "At first I couldn't decide what to do, but eventually started with the yellow stones in the middle and worked my way out. After finishing the placement, I poured seawater over the rocks to wash the sand away." Initially, thinking the rocks were colorful, she was surprised to see an enhanced vibrancy created by the seawater. Working with the beach materials gave her much more appreciation of the rocks, sand and ocean. She remarked, "I now see them

differently. They are beautiful in their own way, and I felt as if I were giving a gift back to the ocean."

That afternoon, people walking on the



beach came by and took pictures, and one

Joy's Earth-site Artwork  
Photo by Diane Stocklin

man even added a rock to the middle of the artwork. Joy said, "At first, I was offended, because I felt the rocks belonged to me. However, in the grand scheme of things, it did not matter whether the ocean took it away or if people created something else with it. I began to understand that it would change no matter what I would do. One of the hardest lessons in life is learning to let go, and accept that the earth will always change. Nothing ever really disappears, it just changes form."

Meant to be ephemeral, the evening tides came and washed the artwork away. In collaboration with nature, Joy helped reintroduce some element of ritual and mystery in our highly commoditized society.

## Torrey Pines Docent Society Bird Survey: February 2, 2013

*Number of species: 83*

Gadwall 39	American Wigeon 41	Mallard 6	Blue-winged Teal 3	Cinnamon Teal 30	Northern Shoveler 5	Northern Pintail 41	Green-winged Teal 49	Canvasback 4	Lesser Scaup 16	Bufflehead 25	Red-breasted Merganser 1	Ruddy Duck 4	California Quail 28	Pacific Loon 22	Common Loon 2	Pied-billed Grebe 2	Western Grebe 4	Brandt's Cormorant 8	Double-crested Cormorant 7	Brown Pelican 2	Great Blue Heron 1	Great Egret 3	Snowy Egret 5	Black-crowned Night-Heron 5	White-tailed Kite 2	Northern Harrier 1	Cooper's Hawk 1	Red-shouldered Hawk 2	Red-tailed Hawk 4	American Coot 52	Semipalmated Plover 1	Willet 11	Whimbrel 1	Long-billed Curlew 2	Marbled Godwit 1	Sanderling 3	Heermann's Gull 8	Ring-billed Gull 10	Western Gull 4	California Gull 12	Cassin's Auklet 200	Eurasian Collared-Dove 2	Mourning Dove 4	Great Horned Owl 1	White-throated Swift 4	Anna's Hummingbird 31	Allen's Hummingbird 2	Rufous/Allen's Hummingbird 1	Nuttall's Woodpecker 6	American Kestrel 4	Peregrine Falcon 2	Black Phoebe 6	Say's Phoebe 7	Cassin's Kingbird 4	Hutton's Vireo 2	Western Scrub-Jay 4	American Crow 16	Common Raven 12	Bushtit 52	House Wren 4	Marsh Wren 4	Bewick's Wren 5	California Gnatcatcher 5	Ruby-crowned Kinglet 5	Wrentit 25	Northern Mockingbird 2	California Thrasher 9	European Starling 4	Orange-crowned Warbler 6	Common Yellowthroat 4	Yellow-rumped Warbler 25	Spotted Towhee 10	California Towhee 24	Savannah Sparrow 3	Song Sparrow 16	Lincoln's Sparrow 1	White-crowned Sparrow 3	Red-winged Blackbird 55	Brewer's Blackbird 2	House Finch 35	Lesser Goldfinch 19	House Sparrow 2
------------	--------------------	-----------	--------------------	------------------	---------------------	---------------------	----------------------	--------------	-----------------	---------------	--------------------------	--------------	---------------------	-----------------	---------------	---------------------	-----------------	----------------------	----------------------------	-----------------	--------------------	---------------	---------------	-----------------------------	---------------------	--------------------	-----------------	-----------------------	-------------------	------------------	-----------------------	-----------	------------	----------------------	------------------	--------------	-------------------	---------------------	----------------	--------------------	---------------------	--------------------------	-----------------	--------------------	------------------------	-----------------------	-----------------------	------------------------------	------------------------	--------------------	--------------------	----------------	----------------	---------------------	------------------	---------------------	------------------	-----------------	------------	--------------	--------------	-----------------	--------------------------	------------------------	------------	------------------------	-----------------------	---------------------	--------------------------	-----------------------	--------------------------	-------------------	----------------------	--------------------	-----------------	---------------------	-------------------------	-------------------------	----------------------	----------------	---------------------	-----------------

**Observers:** Blair Francis, Eva Armi, Frank Wong, Kathy Dickey, Jack Friery, Herb Knüfken, Gary Grantham and Anonymous



Torrey Pines Docent Society  
 PO Box 2414  
 Del Mar, CA 92014  
 (858) 755-2063/755-8219  
[www.torreypine.org](http://www.torreypine.org)

### March 2013 TPDS Lodge Docent Hosting Calendar- Updated 2/26/13

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Lodge hosting hours: L- 10-1 After Mar 9: L- 9-12 L- 1-4		Walks: W Sat/Sun/Hol 9:30 (Start 10:00) W Sat/Sun/Hol 1:30 (Start 2:00)			L-Sheehan L-Sogo	L-Humphrey W-Sheehan L-Simon W-Kamen/Yehus
<b>3</b> L-G&E Lawrence W-Farness L-Tozer W-Fillius	<b>4</b> L-Griffiths L-Heinemann	<i>Maids</i> <b>5</b> L-Ivany L-B&F Eckles	<b>6</b> L-Barnard L-Simon	<b>7</b> L-Ivany L-Batarseh/Stehlik	<b>8</b> L-Burke L-B&F Eckles	<b>Meeting 9</b> L-Humphrey W-Sanseverino L-Isaacson W-Sheehan
<b>10</b> L-Rowbottom W- L-Bar/Torres W-Fillius L-	<b>11</b> L-Yehushua L-F Doolittle\ Buckley L-Bogan	<b>12</b> L-Fiorentino L-A Howard L-Simon	<b>13</b> L-B Hornbeck L-Barnard L-Heinemann	<b>14</b> L-Fiorentino L-Small L-A&G Howard	<b>15</b> L-Colwell L-Batarseh/Stehlik L-Martineau	<b>16</b> L-McGee W-Farness L- W-Dickey L-
<b>17</b> L-Schulman W-Schindler L-Schulman/Torres W- L-Heinemann	<b>18</b> L-Hrontas/Walker L-Dickey L-Small	<i>Maids</i> <b>19</b> L-Fiorentino/ B Hornbeck L-Phillips L-Dewhurst	<b>20</b> L-M Lewis L-Barnard L-Bogan	<b>21</b> L-Griffiths L-Dewhurst L-	<b>22</b> L-Burke L-McCardle L-Bogan	<b>23</b> L-McGee W-Sanseverino L-Hartung W-Kamen/Yehush L-Hartung
<b>24</b> L-Rowbottom W- L- W- L-Mussen	<b>25</b> L-Colwell L-F Doolittle\ Buckley L-Heinemann	<b>26</b> L-Hrontas/Walke L-Phillips L-Small	<b>27</b> L-B Hornbeck L-Barnard L-Heinemann	<b>28</b> L-Hrontas/Walke L-Dewhurst L-Alper	<b>29</b> L-Batarseh/Stehlik L-M Lewis L-Martineau	<b>30</b> L- W-Farness L- W-Sheehan L-Hartung
<b>31</b> L-Lawley/Lewis W- L-Mussen W- L-Hartung	To sign up for an opening, call the hosting docent (858-755-8219) to confirm the time and write your name in the Logbook. If you cannot do your session, please try to find your own substitute by switching with another docent or using the short-notice list. Then call the hosting docent to make the change in the Logbook. Coordinators: Irene Larrimore & Jan Lombardi					