



# Torrey Pinecone

A news bulletin for the  
Torrey Pines Docent Society

June 2009

## Docent General Meeting

Saturday, June 13<sup>th</sup>, 9 a.m.

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

Speaker: Richard Halsey from The California Chaparral Institute.

His talk is titled "Give Brush a Chance."

*In view of the recent fires to the north and the ongoing drought, his talk is timely and should be very interesting.*

## Science Fair Presentation Two Minute Introduction

by Theo Tanalski

Thank you, everyone, for attending our education hour, featuring presentations from three 7th and 8th grade TPDS science fair awardees.

Great education involves both teaching and learning. Awardees teach, while learning from their presentation experience, and from presentations of others. Docents may educate by asking questions at the end of the hour, or by offering comments and questions during the snack break.

I want to talk now about our science fair committee volunteers--I could call them "marvelous mentors." They catalyze minor and major miracles, while gaining satisfaction from focused, creative, and caring work.

If you wish, try out "marvelous mentoring." Tell an awardee what in their presentation worked for you, what didn't, and what might be done in the future to give better presentations.

If that experience interests or excites you, unleashes your creative energies, or warms your heart, consider requesting membership in next year's docent science fair committee. This committee is a family of "marvelous mentors and judges"--for nine years a TPDS community outreach program. You could participate in choosing, honoring, and educating deserving students.

Enough about mentors, committee, and TPDS. Back to awardees.

I congratulate each awardee for the diligent thought and work they gave to conceive, create, and communicate their projects. I thank their parents, their advisor Roxanne Hunker, The Rhoades School, and their communities for providing vital support.

Awardees have chosen the presentation order. I turn things over to them.

## Three Young Scientists

by Suzan Potuznik

**T**he TPDS Science and Engineering Fair Award winners,

Rebecca Tsai, Brock Oury, and Annmarie Delfino brought their research projects from the pages of the May *Torreyana* to life with enthusiasm, informative poster displays and excellent presentations.

Rebecca Tsai mastered her role as first speaker with confidence, clarity and an excellent blend of scientific background and data with a personal documentary. Her topic, *Rhus integrifolia* (Lemonadeberry) and its antibacterial properties, invited numerous questions immediately following her talk and left the room buzzing with talk on plant extracts and pH studies. Rebecca's extracts of Lemonade Sumac leaf, berry and bark were tested for their ability to battle *E.coli* and other coliforms of contaminated creek water. Her conclusion: bark and the berries had the greatest effect.

Brock Oury's project stemmed from his curiosity as to why the Torrey pines are able to survive in the dry environment. Is it partly because of their ability to condense fog and water the ground beneath their branches? Brock constructed a clever

fog chamber to compare the ability of a select number of pine needles to condense water. He compared the Torrey pine to non-native pines. Brock's conclusion: the Torrey pine's large needle size and number condensed more water.

Anmarie Delfino arrived from a prior speaking engagement and with a quick "Hi everybody" moved on to a beautifully prepared presentation with ease. Anmarie introduced the society to her work at the San Dieguito Lagoon observing the recovery of the bird species with the restoration of the lagoon. Her focus was on the Least Terns and Western Snowy Plovers. Expect to see Anmarie at the lagoon as she continues her project.

Theo Tanalski, TPDS GSDSEF Committee Chair, welcomed all to participate in this special educational hour. Theo presented the awardees with TPSNR one year vehicle parking passes, courtesy of Interim Supervising Ranger Mark Allen. Thank you, Ranger Allen, for continuing this TPSNR partnership with TPDS!

Their mentors, **Sheldon Krueger, Mike Yang, Bill Key, Sally Whitlock, and Wes Farmer**, can proudly record their contribution to helping these young middle-schoolers complete their publications and bring their presentations to the TPDS. The students walked away with new insights and ideas for continuing their research projects and, all would surely agree, a feeling of "well done."

**Mike Pisor**, our Trail Patrol Coordinator, summarized a feeling shared by us all. The value of the Science Fair Award program is that these kids are the future. They are the individuals who, in the future, will be looking out for Torrey Pines State Natural Reserve and perhaps become docents.

**An Awardee's Thank You**  
from *Theo Tanalski*



Brock, Anmarie and Rebecca Photo by Herb Knufken

This is the kind of good news mentors dream of. To get it from one we have worked with the same month is totally immense!

**Dear Mr. Tanalski, Mr. Yang, and Mr. Krueger**

**Thank you so much for your guidance. Without it, I would not have been able to receive 2nd place from the State Science Fair in Microbiology. I also won \$125.**

**Thank you, Rebecca Tsai**



Chuck Anders Photo by Herb Knufken

## May Docent Meeting Notes

*Excerpted from notes from the TPDS General Meeting, May 9, 2009 by Secretary, Bill Eckles. Complete minutes in docent library.*

Rick Vogel called the meeting to order at 10:40 a.m. in our new meeting room at St. Peter's Episcopal Church.

**Docent of the Month: Chuck Anders** was awarded Docent of the Month for his support in providing refreshments to members at the monthly Docent Society general meetings. Chuck's positive, helpful attitude is especially appreciated.

**Science Fair:** Rick called on **Theo Tanalski** to distribute certificates of recognition and parking passes to each of the presenting Science Fair competition winners.

**Docents Recognized:** Rick presented plaques recognizing at least 20 years of docent volunteer service to both **Georgette Camporini** and **Marc Gittelsohn**

**Ranger Replacement:** Mark Allen, interim Supervisor, attended the monthly TPDS board meeting on Wednesday and reported that no interviews had been conducted on the

replacement for Jody Kummer because of a weaker than desired candidate pool. He is optimistic that the interviews will re-convene in June.

**Funds Transfer:** South Carlsbad and San Elijo State Beaches give their money to TPDS to hold for them until needed. They are now forming their own association and when all the paperwork is done, we will transfer those funds into their account.

**Usher Update:** Rick reported recently speaking directly with **Steve Usher** from Tokyo and that Steve's condition appeared very much improved. He expects to return to the USA on Thursday May, 14. Good news!

Steve conveyed gratitude for an abundance of support in the form of cards and letters during his recovery from a stroke while visiting Tokyo. Thank you members!

**Treasurer's Report:** (Ken King) Bookstore sales are strong, close to budget and last year's sales, as well. Expenses are high due to Lodge lighting improvements, flower brochures and docent parking hangtags. We experienced negative cash flow of about \$2,600, but we hold some \$60,000 in savings.

**Rangers Report:** Razor Point needs decomposed granite to fill erosion holes. Construction crews will need to keep the trail closed for a while longer. No definite timing for trail opening was provided. **Barbara Wallach** expressed concern that the trail was still closed and Rick confirmed that it takes time. **Jan Bowden** and **Sheldon Krueger** elaborated on the difficulty to conduct repairs and gave support and recognition to the repair group.

**TPA:** At the TPA board meeting, the Army Corps of Engineers reportedly is seeking unexploded ordinance. They request access to the Reserve. Current sentiment is to deny them access to prevent damage to the Reserve from their search.

The TPA reports that an anticipated "fly-over" connecting highways 5 and 56 will be unsightly to the Reserve. They suggest a petition drive to prevent this view obstruction. The TPA desires to improve and expand its website.

**Thank You to: Ann Williamson, Eileen Conway and Bobbi Krueger,** who have provided assistance to **Roger Isaacson** over the last few years improving/running our website.

**Lodge Opening:** Regarding opening the Lodge at 8:30 a.m, maintenance staff can open it. A real estate type lock box is another possibility for access. No clear answer was given to the problem of opening up. For the time being, rangers will have someone there by 8:30 a.m.

**Whacky Weeders:** (Steve Tarkington) Reminder that 8:30 a.m. Mondays is the standard meeting time. Carmel Valley Saturday weeding dates are to be made available to overcome the "next" ambiguity in previous announcements. Sprinklers seen running on Carmel Valley Road are to get the new native plants established. They were planted as mitigation for recent extensive road work in the area.

**Plein Air Festival:** (Cindy Wollaeger) This year's event will be October 31st. Plans are fitting together. **Connie Beardsley** is working hard!

**Children's Program:** (Cecily Goode) Docents were invited to attend any of the five remaining dates in May. Cecily announced that there would be summer training, one day each month.

**Seabees:** (Sheldon Krueger) Work is progressing on trails, especially on barriers and tightening peeler poles. Work at High Point is completed and they have made the barriers sturdier.

**Training:** (Jeff Spivak) One class remains. All docents are welcome to attend the class which will involve presentation of "wrap-up" major assignments. Graduation will be held at the June general meeting.

Welcome to 18 new docents. If you need replacements, you may order new name tags and/or shirts to coordinate with class purchases.

**Trail Patrol:** (Mike Pisor) This month saw 30 trail patrol docents, up from last year, and 90 hours were dedicated. Be sure to register results of your trail patrol. Runners are becoming intrusive and have caused an older visitor to fall. Mike requests being more assertive to control trail use for others as well. Please gently request their cooperation.

**Membership:** (Walt Desmond) New member lists were distributed and Walt asked to advise him of mistakes as soon as possible so he could make appropriate changes.

**Geocaching:** The State has expressed a rule that we cannot allow geocaches in a preserve. They are not supported in a Natural Reserve, though geocaches may be allowed at the discretion of the Director or local management. The State has not expressed a clear position on the matter and we remain uncertain of proper action to take if a cache is discovered. Substantial discussion ensued without further refinement of our position. The Board of Directors will hear clear arguments both for and against and attempt to construct a clear recommendation in the near future.

**Announcements:** On Earth Day, **Laura Ohman's** group removed invasive plants from Carmel Valley Road and trash from the beach.

The anniversary of the dedication of the Extension will be held August 22nd. There will be sign-ups for guided tours. Contact **Joan Adamo** for further information.

Thanks were offered to those who helped with the Science Fair and its judging. □

## Children's Program- June 2009

The summer is here and the Children's Program docents successfully ended another school year. June 5<sup>th</sup> is the wrap-up and evaluation followed by a potluck, which is a great way to socialize.

Without the dedicated support of our volunteers this program would not be successful. A big thanks to all!

During the months of July and August a field trip and training session at the Reserve will be scheduled. Watch for the dates.

Congratulations to the graduating trainees of 2009. You are always welcome to join us in the coming months.

### *Cecily Goode*

Children's Program Director

*Laura Lowenstein*

Program Coordinator

### Docent Question of the Month For June 2009

*Courtesy of Jim Larrimore*

**Question:** *Charles Parry named the Torrey pine (*Pinus torreyana*) after John Torrey. Was he always so self-effacing?*

**Answer:** (See p. 6)

### TPDS table at the Johnson & Johnson Corp. Earth Day Event

*by Cecil Hornbeck*

The Torrey Pines Docent Society was invited by Paul Englert of Johnson & Johnson to participate in their Earth Day event by having a table presentation about Torrey Pines State Natural Reserve. The Earth Day Event was held Friday, April 24<sup>th</sup> from 3-5 p.m. at their Pharmaceutical Research & Development plant at



Rick Vogel, Ann Williamson, Ann Heinemann, Cecil Hornbeck

3210 Merryfield Row off Torrey Pines Road. The corporate theme for Earth Day was "Sustainability" in order to provide public awareness of sustainability of natural resources. Paul Englert presented a Johnson & Johnson biodiversity plan that included a native species garden at their building location. In addition, a representative of the San Diego Water Authority explained the current water challenge facing San Diego County. The oral presentations were given in the first hour and the participants presenting at various tables occupied the second hour.

**Rick Vogel, Ann Williamson, and Cecil Hornbeck** presented our table that had examples of many of our books and brochures for sale in the Lodge bookstore along with many of the handouts provided for TPSR visitors. Docent **Ann Heinemann** was also present representing another table at the event. (see photo) Several hundred people attended the event giving us a chance to expose many to TPSNR. Food and drink were available during the second hour of the table presentations. □

**Lodge Duty Request for Month of June:** There are many openings. Please look at the Calendar (p. 8) and sign up for an empty spot if you're able to help, also as an extra docent on weekends. Thanks!

### EXTENSION'S BIRTHDAY PARTY NEEDS HELP FROM VOLUNTEERS

*by Barbara McCabe*

Volunteers are needed to help with the various activities planned for the 35<sup>th</sup> anniversary celebration of the TPSNR Extension to be held at Del Mar Heights Elementary School from 9 a.m. to 12 noon on Saturday, Aug. 22nd.

A scavenger hunt, art activities for children, a photo contest, owl pellet dissections and live animal exhibits are some of the fun activities in the works to celebrate the historic campaign that led to the acquisition of the Extension and its incorporation into Torrey Pines State Reserve 35 years ago.

Help is needed to guide participants through the scavenger hunt; collect, store and judge entries for the photo contest; lead children in art activities and owl pellet dissections; serve coffee, tea, lemonade and birthday cake; staff the TPDS booth; set up and break down.

The event, which is being jointly sponsored by TPDS and TPA, will include live exhibits by Project Wildlife, Sky Hunters and the California Native Plant Society. Representatives from Backyard Habitat will be on hand to demonstrate some of the landscaping techniques used to attract birds, butterflies, beneficial insects and small animals.

By educating members of the surrounding community about the Extension's role in preserving rare and endangered plants and providing a natural home for birds, insects and other animals not found in the Reserve, TPDS and TPA aim to raise awareness of the ongoing importance of protecting the 168 acres of native Torrey pine habitat north of the lagoon.

If you would like to volunteer your time and energy toward making this event successful, please email TPDS President Rick Vogel at [vogelr3@cox.net](mailto:vogelr3@cox.net).

## Pink Mariposa Lily

by Rhea Bridy

You reign resplendent on stately stem,  
A pale-rose princess, a lily-plant gem.  
But where are your slender, tapered leaves?  
Have they withered so soon?  
Weathered at flowering time,  
Amid May's dewy noon?  
Scattered along cobbled, cactused slopes,  
Showy among buckwheated prickly-pear,  
The Pink silkened-hair Mariposa  
A Lily with gown of organdy flair.

## Whacky Weeders

by Steve Tarkington

The last few months have been productive ones for the Whacky Weeders at several locations in the Reserve. *Ehrharta* (veldt grass) has been the focus in the main Reserve, specifically Yucca Point, Razor Point and the Guy Fleming Trail. And, look for **Dave Economou** on the Parry Grove Trail fighting the *ehrharta*. *Carpobrotus* (iceplant) continues to be stacked high by the lagoon off Carmel Valley Road with work by **Wes Farmer** quite often, and volunteer groups every other Saturday led by park aides. Please come join us any Monday between 8:30 a.m. to 10:30 a.m. at the Visitor Center parking lot or at Carmel Valley Road near Roberto's on alternate Saturdays.

Another request is for someone to water new native plants at the Flintkote site through the summer months. Please contact me if you can help with this project or perhaps share the job. My contact information is on the docent list. Thanks for all you do.

## MYSTERY SOLVED, PERHAPS!

by Barbara Wallach

About two weeks ago, the Children's Program lost a huge acorn that was kept in the Kumeyaay willow basket for demonstration

purposes. Was it misplaced, did it fall out of the basket, had someone taken it? We didn't solve the mystery but simply put other acorns into the basket.

Monday, May 18th, after setting up props (including the willow basket) on the bench at Torrey Circle for a school talk, I headed for the parking lot to meet the children. As I led them back to the

benches we were surprised to see a squirrel pop up out of the basket. I thought, "Perhaps that is what happened to our huge demonstration acorn." Has the mystery been solved? The children, of course, enjoyed every minute watching his antics, as he went in and out of the basket stealing the acorns. I couldn't have staged a better opening to my talk. We had a great time watching him go in and out for about 5 minutes.

Thus, a word to the wise to those of you who set up the props then leave them unattended (especially if acorns are involved); someone may be watching just waiting for the chance to get into that acorn basket. The children decided to name this squirrel, "Acorn."



## His torrey A thru Z

by Judy Schulman

Oh say can you "C?" Yes, I can "C" Carpinteria, California. What is so special about this beautiful seaside village, 12 miles south of Santa Barbara? Is it because it has a state beach, salt marshes, tar pits, and a seal rookery? No, it is because the Wardholme Torrey pine tree is located there. It is considered to be the largest Torrey pine tree in existence (126' tall, 20' 5" circumference, 130' branch spread). There is a picture of Guy Fleming taken in 1936 standing in front of the tree. (See below.)



People who moved to Carpinteria in the late 1880s had an interest in agriculture. There was a polite competition among residents to see who could have the most interesting plants. Judge Thomas Ward received the Torrey pine as a seedling from Santa Rosa Island in 1888 and planted it in front of his home.

His friend Townshend Stith Brandegee gave the seedling to him. That name should sound familiar to those of you who managed to stay awake during my history lecture. He was the botanist who originally discovered the Torrey pine tree on Santa Rosa Island. Judge Ward and his family always meticulously cared for the tree.

When Florence Ward Wood inherited the property, she carried on that tradition and saw to it that the tree received professional maintenance. She proposed that official landmark status be granted to protect the tree. As a result, in 1968 the tree became the city's first official landmark. In 1988, there was a special celebration to honor the tree's 100-year anniversary. In 2005, there was a movement to protect it from being torn down in order to build residential/commercial developments.

The Wardholme Torrey pine tree is no longer alone. In November 2007, 460 Torrey pine seedlings were planted by the Santa Barbara Botanic Garden at its Hay Hill Campus in Carpinteria. Former TPDS vice president Tom Polakiewicz attended the tree planting ceremony. Some came from seeds from our park, some from Santa Rosa Island, and some were hybridized. Just think, in another 100 years, there might be a whole grove of giant Torrey pine trees!

◇◇◇◇Lodge Duty Gems◇◇◇◇

## Favorite Things

By Lillian Lachicotte

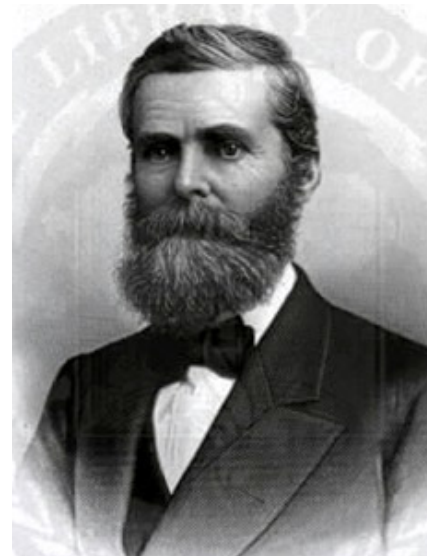
These are a few of my favorite things - while on lodge duty... The wonder and excitement of a child spotting the roadrunner I pointed out, - and the roadrunner obligingly holding his ever-present lizard; a visitor who sat down and regaled me with stories about outstanding people he has known in his life; the 3-year-old girl with shining brown eyes who told me, "I love you" several times; enjoying the company of a squirrel that ran up to the desk and sat erect on its haunches to visit; having a docent show up and help just when a crowd appeared; and, of course, having a friendly ranger come in at closing time to bar the doors for me... These are just a few of my favorite lodge duty things.

## Docent Question of the Month June 2009

Courtesy of Jim Larrimore

**Q.** Charles Parry named the Torrey pine (*Pinus torreyana*) after John Torrey. Was he always so self-effacing?

**A.** No, Charles Christopher Parry was not. While serving as botanist, as well as medical doctor and geologist, on the Mexican-American Boundary Survey in 1849-50, Parry collected a large number of plants (including 6 other pines) that appear in the botany report on the survey, in which his proposals to put the name *parryi* on eleven new plant species were accepted. Only some of those names have lasted to today. Three in Margaret Fillius' book are: Parry's Phacelia (*Phacelia parryi*), Coast Jepsonia (*Jepsonia parryi*) and Blue or Parry's Larkspur (*Delphinium parryi*).



Charles Christopher Parry  
(Photo: National Library of Medicine)

But Charles Parry might qualify as the forefather of Dale Carnegie and *How to Win Friends and Influence People*. Besides naming the Torrey pine for John Torrey, Parry proposed to name a new genus of the family *Scrophulariaceae* (Figwort) after William H. Emory, Major, First Cavalry, under whom Parry served on

the Mexican Boundary Survey. And Parry understood the pecking order in botany. His plant collections along with his notes and proposals for naming new species went to John Torrey, who together with Asa Gray and George Engelmann (for cacti), assessed and reported on all the collections including deciding on new species and their names.

Among plants with the Parry name, the San Diego Plant Atlas of SDNHM lists Parry Manzanita (*Ericaceae Arctostaphylos parryana* ssp. *deserticum*) and Parry's Onion (*Alliaceae Allium parryi*). Others in California include Parry's Agave (*Agave parryi*), Lemon Lily (*Lilium parryi*), Beardtongue (*Penstemon parryi*), Parry's Thistle (*Cirsium parryi*), Parry's false prairie clover (*Marina parryi*) and the Parry pinyon pine (*Pinus x quadrifolia*), a hybrid of the singleleaf and Sierra Juarez pinyon trees found in the Laguna Mountains. When Parry was

collecting in the Rockies as the first resident Colorado botanist, he found a bonanza of one hundred new species, and the total number of Colorado plant species named for Parry is 80!

Charles Parry (1823-1890) became a highly respected doctor, explorer and naturalist in Colorado and neighboring states, where he was a renowned collector for forty-eight years. He was the first botanist of the U.S. Department of Agriculture, and through the distribution of his botanical collections he introduced Colorado flora to the world.

Sources: *Report on the United States and Mexican Boundary Survey*, Vol. II, *Introduction* by C.C. Parry and *Botany of the Boundary* by John Torrey. Website: "*Southwest Colorado Wildflowers, Ferns and Trees*", [www.swcoloradowildflowers.com](http://www.swcoloradowildflowers.com).



Peregrine Falcon fledglings  
Photos by Lou Adamo, May 15, 2009

## Torrey Pines Docent Society Bird Survey: May 2, 2009

Total of 75 species (unusual sightings shown with an asterisk and in *italics*)

Gadwall 10	Osprey 1	Great Horned Owl 1	Cliff Swallow 11	Spotted Towhee 13
Mallard 6	Red-shouldered Hawk	White-throated Swift 4	Barn Swallow 2	California Towhee 13
Blue-winged Teal 3	1	Anna's Hummingbird	Bushtit 15	Savannah Sparrow
Surf Scoter 1	Red-tailed Hawk 5	28	Bewick's Wren 4	(Belding's) 4
California Quail 18	Clapper Rail (Light-footed) 1	Rufous/Allen's Hummingbird 3	House Wren 3	Song Sparrow 36
Pacific Loon 6	Common Moorhen 1	Nuttall's Woodpecker 5	Marsh Wren 3	Golden-crowned Sparrow 2
Common Loon 2	American Coot 8	Black Phoebe 8	California Gnatcatcher 5	Black-headed Grosbeak 1
Pied-billed Grebe 4	Killdeer 1	Say's Phoebe 3	Wrentit 30	Red-winged Blackbird 80
Western Grebe 2	Willet 2	Ash-throated Flycatcher 1	Northern Mockingbird 2	Brown-headed Cowbird 1
Brown Pelican 54	Whimbrel (American) 1	Cassin's Kingbird 1	California Thrasher 6	House Finch 74
Brandt's Cormorant 4	Western Gull 30	Western Kingbird 1	European Starling 1	Lesser Goldfinch 27
Double-crested Cormorant 2	California Gull 2	Western Scrub-Jay 6	Orange-crowned Warbler 2	American Goldfinch 2
Great Blue Heron 3	Caspian Tern 20	American Crow 10	Yellow Warbler 2	House Sparrow 2
Great Egret 10	Elegant Tern 100	Common Raven 15	Common Yellowthroat 10	
Snowy Egret 15	Rock Pigeon 1	Tree Swallow 3	Yellow-breasted Chat 1	
Black-crowned Night-Heron 4	Mourning Dove 10	Northern Rough-winged Swallow 21		
White-faced Ibis 13	Greater Roadrunner 1			

*Observers:* Will Cox, Herb Knufken, Blair Francis, Kathy Dickey, Don Grine, Hank and Jane Baele, and Jack Friery

Previous months are posted on the TPSNR website at [www.torreypinesreserve.org](http://www.torreypinesreserve.org)  
On the menu bar point to "Activities" and then click on "Bird-sightings."



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*The Pinecone*, a calendar of events, notes from business meetings, and other items of specific interest to the docent membership, is published bi-monthly (even months). For odd months we publish the *Torreyana*. Please submit items by the 20<sup>th</sup> of the month to the Editor [Editors@torreypine.org](mailto:Editors@torreypine.org) Items for publication may also be left in the *Torreyana* mailbox in the docent library.

June 2009 TPDS Visitor Center Duty Calendar- Updated 5/28/09						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 L- B Arnold L- F Doolittle L- Heinemann	2 L- L- Ivany L- Tarkington	3 L- M Lewis L- Pfleeger L- Fiorentino	4 L- Blantz L- Stiels L- B&F Eckles	5 L- Hansen L- Nagamine L- Heinemann	6 L- McGee W- Bedinger L- J. Smith/ W- J. Davis L-
7 L- Rowbottom W- Dickey L- W- Stiegler L-	8 L- B Arnold L- L-	9 L- Fiorentino L- Pisor/Castiglioni L-	10 L- C&B Hornbeck L- Pfleeger L- Heinemann	11 L- Lewis L- Oppenheimer L- Killermann	12 L- Hansen L- Nagamine L- Heinemann	13 Meeting
14 L- J Smith W- Bedinger L- W- L-	15 L- Scholfield L- Nagamine L-	16 L- A Marshall L- Ivany L- Bogan	17 L- Neumeister L- Justice L- B&F Eckles	18 L- Tarkington L- Oppenheimer L-	19 L- Burke L- Lundstrom L- T Hill	20 L- Sabella W- L- W- Steve Rose L-
21 L- Schulman W- Rowbottom L- Schulman W- Geist L- Hartung	22 L- M Lewis L- F Doolittle L- S&S Rose	23 L- Marshall L- Nagamine L- Lombardi	24 L- C&B Hornbeck L- Bogan L- Dewhurst	25 L- Blantz L- Oppenheimer L- Killermann	26 L- M. Lewis L- Justice L-	27 L- Sabella W- L- Geist W- Stiegler L-
28 L- Parsick W- Killermann L- W- L- Hartung	29 L- Burke L- Nagamine L-	30 L- Tarkington L- Ivany L- Lombardi		Lodge Duty Hours L- 9-12 L- 12-3 L- 3-6	Walks W Sat/Sun/Hol 9:30 (Start 10:00) W Sat/Sun/Hol 1:30 (Start 2:00)	

To sign up for an opening, call docent on duty (858 755-8219) to confirm the time & write your name in the Logbook. If you cannot do your duty, please try to find your own substitute by switching with another docent or using the short-notice list. Then call the docent on duty to make the change in the Logbook. **Coordinators:** Irene Larrimore & Barbara McCardle