

TORREYANA

A newsletter for
TORREY PINES
STATE NATURAL
RESERVE

Volume 12, Issue 5

September 2011

Insect Biodiversity – What is “normal” on Planet Earth?

by Anna-Lena Malm

Jim Berrian, a field entomologist from San Diego Natural History Museum, gave a very interesting and illuminating talk on insect biodiversity at the August 13th docent meeting. Mr. Berrian began at the museum as a volunteer and staff in the Herpetology Department in 1976. He switched departments to Entomology in 1994 to begin work on the museum’s spider collection. He has an interest in the distribution and diversity of spiders in San Diego County and the Baja California peninsula. Since retiring from teaching biology, he has been supervising entomology field projects within the department.

From his presentation we learned that all vertebrates together account for only 0.7% of all species, while arthropods (“an invertebrate animal having an exoskeleton, a segmented body, and jointed appendages”) account for 68.5% (these estimates are from 2005 and have been upwardly adjusted since then). In terms of absolute numbers, it is estimated that there are approximately 150 million insects per person! And insects are just a subset of arthropods.....

Mr. Berrian discussed the various orders of insects and their

distinguishing traits and life cycles and gave us available species counts of each:

Kingdom: Animalia (Animals)

Phylum: Arthropoda (Arthropods)

Class: Insecta (Insects)

Order: Coleoptera - *Beetles*;
24,185 species

Order: Hemiptera - *True Bugs, Cicadas, Hoppers, Aphids and Allies*;
11,300 species

Order: Hymenoptera - *Ants, Bees, Wasps and Sawflies*; 20,372 species

Order: Diptera – *Flies*; 19,782 species

He mentioned that according to a San Diego Natural History Museum project, in which over 30,000 specimens were collected, there are about 500 different bee species, 450 different spider species and 148 different butterfly species in San Diego County.

Mr. Berrian concluded his talk by pointing out the economic value of insects in the US alone. For example, our insects pollinate to the tune of \$217 billion per year and provide pest control for about \$4.5 billion per year – no small feats!

For additional information about insects, and particularly spiders, Mr. Berrian recommends we go to www.truebug.net and www.bajanature.com.

Docent General Meeting Saturday, Sept. 10th 9 am

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

Speaker: Dr. Elsa Cleland, Assistant Professor in the Ecology, Behavior, and Evolution Section of the Biology Department at UC San Diego

Program: Dr. Cleland’s lab focuses on the intersection between plant community and ecosystem ecology, utilizing a combination of experimental, observational and data-synthesis techniques, with a particular focus on global changes such as climate change, altered precipitation, nitrogen deposition, and invasive species. **In her presentation to the Docent Society, she will address how native versus invasive species respond to climate change and shifting rainfall patterns.**

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 Lillian Lachicotte. Both publications include the monthly duty calendar, announcements and information concerning membership meetings. Submissions for either publication are due on or about the 20th day of the preceding month and may be submitted to **Editors@torreypine.org**.

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Web sites:

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TPA www.torreypines.org

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Extra newsletters are available in the Docent Library.

TPSNR Staff:

Supervising Ranger: Dylan Hardenbrook

Rangers: Kyle Knox, Mike Winterton, Lisa Urbach

Sr. Park Aides: Diane Greening (Interpreter),

Laura Lowenstein (Volunteer Coordinator),

Louis Sands

Park Aides: Kirsten Bates, Troy Garcia, Jake

Mumma, Moira Reagan, Vanessa Rivera,

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Many thanks to Editor Anna-Lena Malm and the docents contributing to this newsletter and to Copy Editors Lillian Lachicotte and Walt Desmond. And thanks to Carolyn Butterfield for mailing and distribution.

Roger Isaacson

Publication Coordinator

Message from the President

As you probably remember, there was a Request for Proposals from DPR (Dept. of Parks & Recreation) for parking concessions at the Carlsbad, South Carlsbad, San Elijo, Cardiff, Torrey Pines, and Silver Strand State Beaches (which included the Reserve!). The latest that we have heard is that there are now four bidders. The DPR site no longer has any information on progress, but it's probably safe to say that we will not have a concessionaire for at least the next few months. Supervising Ranger Hardenbrook has been excellent in communicating what he knows, but no word has come down from Sacramento in several weeks. We'll be sure to pass on what we learn in coming months.

A few days ago at the board meeting, one board member expressed concern about proper attire for docents who are meeting the public. We all know that we should wear "appropriate" clothing (something that identifies us as park volunteers and reflects well on our society and the DPR), but I suspect we could have endless (and pointless) debates about what's "appropriate." So let's turn to the "Volunteers in Parks Program Guidelines" published by California State Parks Interpretation and Education Division for guidance. Here, verbatim, is the opening paragraph under Volunteer Uniforms: "As representatives of the Department, volunteers are responsible for presenting a favorable image to visitors and should dress appropriately. The primary consideration regarding uniforms is that volunteers working in public contact situations are easily recognized as official DPR representatives. However, the diversity of duties performed by volunteers and the variety of geographic locations and weather conditions do not allow for a single style of authorized uniform to be worn. Districts are encouraged to develop district-wide dress codes that will guide volunteers in selecting and wearing clothing that is clean, in good repair, and appropriate." There is an official volunteer patch, but DPR does not have a standard uniform vest.

It's my belief that the "dress code" issue is a bit of a tempest in a teapot. If our coordinators (Children's Program and Lodge Hosting, for instance) are aware of a volunteer who needs to be reminded of the desire for appropriate attire, by all means discuss it with them! It can be a little awkward, but it's really a lot better than ignoring it or escalating this to the imposition of a strict uniform requirement, which I'm sure no one wants. So help us avoid that by dressing neatly and always wearing your name tag. And let's show off those good-looking docent shirts!

Finally, have you noticed how busy the Reserve has been this summer? If this gorgeous weather continues, we will need more feet on the trails and hosts in the Lodge. Please consider signing up for an extra shift or two. Hosting with a friend on the weekends is a lot of fun!

See you around the Reserve,

Ken King

President,
Torrey Pines Docent Society

TPDS General Meeting Notes August 2011

Excerpted from notes of TPDS August 13th General Meeting, by Secretary Bill Eckles. Complete minutes in docent library

President **Ken King** called the meeting to order at 10:40 am, after Jim Barrien's very interesting presentation titled *Biodiversity... What's Normal on the Earth?* It is difficult to decide where we fit, as humanoids, when vertebrates make up a mere 0.7% the planet's species!

The parking concession issue is again delayed. While the previous contract winner has refused to accept the project, no replacement has yet been found. It is suggested we continue "status quo" and hope for the best!

The Guy Fleming Trail north overlook remodel has been delayed to the Fall; Parry Grove repairs are likely happening at year's end. The personnel to supervise these projects are limited by State-level cut-backs.

The Lodge Hosting Manual is in need of revision and Ken is working with several other docents to revise it. The goal is to have it "on line" and "searchable."

A new brochure has been printed by the ranger staff and it looks great. Feel free to use these with visitors when hosting in the Lodge.

Treasurer's Report: (Mike Yang) Museum Shop sales dropped to \$6,500 in June and \$5,900 in July. [Ed note: **Nancy Woodworth** points out that the year to date figures for 2011 (Jan – July) exceed 2010 year to date figures for the same period by \$8,781.] Donations were up to \$1,250. Net cash flow, though a negative \$1,600 for the month, is a positive \$16,000 for the year to date.

Torrey Pines Association: (Steve Usher, President) The Historic Site Report will be released shortly and work can begin on renovating both the Lodge and the Guy Fleming House. This \$65,000 study is being led by Ione Stiegler (Mayo's daughter) and will provide

Docent Doings

Sep 9, Childrens Program workshop
Sep 10-13, Channel Islands trip
Sep 15, Childrens Program training
Sep 20, Jim Bedinger lecture
Sep 26, Field trip, SD Bot. Garden
Oct 14, Volunteer Appr. Dinner
Mondays, 8:30-10 am- Weeders
Tuesdays, 8:30-noon- Seabees

Send future event info to
editors@torreypine.org.

good guidance to the Society and TPA in the foreseeable future.

Hidden Treasures at Torrey Pines has been produced by **Barbara Wallach**. View it and other short videos at the TPA web site at TorreyPines.org.

Chuck Anders announced he will discontinue purchasing cups for our meeting's use from Salvation Army or Goodwill. Rather, please bring old cups from your pantry and donate them for use at refreshment time at the meeting. A volunteer to help clean up the cups would be welcomed! Chuck has also received a budget to purchase items for the refreshment time. He could use help in preparing and presenting the refreshments he is now able to purchase. Please volunteer to help him!

Don Grine announced that he is using the "Legacy of Stewardship" DVD/CD as a core for his presentations. He suggests it is valuable and offers its use to our membership.

Nancy Woodworth thanked **Jim Cassell** and **Frank Burham** for a new element to the Museum Shop...no details were mentioned. Be prepared for a good surprise!

Walt Desmond, Jeannie Smith and **Lillian Lachicotte** make up the nominating committee for the Board of Directors. They are currently in need of suggestions for Vice President, Program Director and Treasurer. Volunteers or suggestions will be greatly appreciated.

Simply see a committee member to register your opinions. It is, in fact, a good idea for board members to align with an "understudy" who may gain familiarity with the positions before a replacement becomes necessary.

Diane Greening presented a *Coca Cola* promotion that could generate at least \$10,000 in prize money if Torrey Pines Beach is voted among the top three beaches in Southern California. [Ed note: we apparently won 1st place, i.e. \$25K!]

Trail Patrol: (Jeff Spivak) Thank you to **Bob** and **Sherry Doolittle, Mike Pisor** and **Greg Howard** for design and preparation of the new Trail Patrol Badges, made from iron-on material instead of the previous pins. The badges feature a prominent "ASK ME," which should facilitate a kinder and gentler demeanor to the ammunition pockets of the patrol's vests. If you have Trail Patrol issues, please notify Jeff by email.



Recycling: (Bob Doolittle) Eagle Scouts were the contributors of the new refuse containing boxes in front of the Lodge. Bob will find a more appropriate home for them in the near future. Thanks to the Scouts for their efforts!

Bonnie Hornbeck displayed a draft copy of the, newly completed, cook book which looks really good. Titled "Torrey Treats," it promises to be a hot seller. Some 20 hands were raised displaying purchase interest among the membership. Hopefully interest will expand beyond those (who had apparently contributed)! The cook book contains timely and interesting quotations. It has been generously supported by the printer, who has gone

far to expedite our printing. Special thanks to the contributors and Judy Schulman for her illustrative and historical assistance. **Nancy Woodworth** will determine a selling price to assure a profitable, high volume experience.

The meeting was adjourned at 11:20 am.

Docent of the Month

The Docent of the Month for August was **Stephanie (Steve) Tarkington**. Her abundant support of the Society by leading the ever-busy Whacky Weeders and performing frequent Lodge hosting made her an obvious choice for the award.



Photo by Herb Knufken

Here, in Steve's own words, are her reasons for becoming a docent in the first place and for continuing her service to the Society:

The first people I met when we moved to Del Mar in 1970 were Roger and Jane Isaacson. They were our backyard neighbors and we learned all about the beach, bluffs and tide-pools from Roger and flowers and vegetables from Jane. About 20 years later, I met Frank Burham through a mutual friend of ours, who hikes the Grand Canyon every May. Ask me about the year Frank turned 70 and hiked Rim to Rim for the first time!! Especially about the apples...

With two great friends like Roger and Frank, you can guess why I became so interested in being a docent at Torrey

Pines. Every time I ran or biked up into the Reserve, they were there pruning or digging or pulling weeds. It looked like a great time and I've loved it ever since!

Congratulations Steve!

Upcoming Docent Presentation at the Lodge at TPSNR

by Barbara McCardle

Did you know one of our own TPSNR Docents was captured in Laos by North Vietnamese Communist forces on November 22, 1969? Docent Jim Bedinger was a POW for "three years, four months and 19 days" in Hao Lo Prison, the infamous Hanoi Hilton. Jim has agreed (with arm twisting from Ann Gaarder and Barbara McCardle) to share his experience with us on Tuesday, September 20th at 6:30 pm in the Lodge. Jim's talk will address how time-tested beauty and values helped sustain him and will cover such topics as: How do we normally cope with the valleys in our lives? How do we respond to wrongs and treatment that is so harsh and wrong that it is hard to imagine? What strengths helped our American POW'S survive torture, isolation and long incarcerations with no known end in sight? Jim will share how important the Reserve has been and still is as a source of refuge and strength for both him and his wife. Please email Barbara McCardle to reserve a spot for this special event. (Address in docent Membership List.) Thank you Lili and Jim!!

Upcoming Docent Field Trip

by Barbara McCardle

In the spirit of continuing fun field trips for docents, **Steve** and **Sharon Rose** have arranged a special visit to San Diego Botanical Gardens on September 26th at 9:30 am. Their docents will give TPSNR docents a tour of their magnificent gardens. Please email Barbara McCardle to sign up for this event. (Address in docent Member List.)

Children's Program

by Sue Randerson, Children's Program Director and Laura Lowenstein, Children's Program Coordinator

For our second summer training workshop, Children's Program Docent **Marie Johnson** arranged a wonderful visit to the Agua Hedionda Lagoon Discovery Center in Carlsbad on Friday, August 12th. An excellent presentation by Director Lisa Cannon-Rodman and long term Docent Lin Ball was followed by a picnic on their lovely veranda overlooking the lagoon. Their education program is much different from ours; they use paid teachers, but it was interesting to learn new approaches and see the well-thought-out and interesting displays and hands-on activities for the children.

On Tuesday of that same week, several Children's Program docents participated in a walk led by **Barbara Wallach** for docents from the San Elijo Lagoon Conservancy. This was a reciprocal visit in thanks for our walk with them in February.

There will be two sessions for Children's Program docents before schools begin arriving at the end of September. **On Friday, September 9th we will meet at 9:30 am** in the Library and at the back of the Lodge to get the props ready for the new school year. We'll focus on cleaning and preparing the props used for our five presentation topics and all the trail tools (magnet, magnifying glasses, ID cards, and photo books). For new docents, this will be an opportunity to see what's available for use when the different topics are presented at the benches. If anyone is interested in making their own trail tools, please contact Laura or Sue for further direction. **On Thursday, September 15 at 9:30 am** new and returning docents will meet behind the Lodge for a training session on Getting Ready for the Kids. We'll cover details of our program, safety and emergency regulations and issues, and share practical tips for taking the children out on the trail.



Docent field trip to the Agua Hedionda Discovery Center in Carlsbad: L-R Barbara Wallach, Bob Doolittle, Kaylin Hill (AH student intern), Sue Randerson (partially hidden), Susan Buxbaum, Mary Stovell, Sherry Doolittle, Marie Johnson, Margaret Fillius, Don Grine, Janet Ugalde, Gabrielle Ivany, Laura Lowenstein, Linda Zlotnik, Janie Killermann and Barbara Krueger. Not shown: Ann Williamson

We are always looking for more docents to join us in this fun and rewarding program. If you are interested in becoming involved in the Children's Program, please come to our sessions this month. And be sure to let Laura Lowenstein or me know your email address, so you can be added to our email list.

Eating in the Reserve

by Supervising Ranger Dylan Hardenbrook

No one should have any food in the Reserve. The exceptions to this are Special Events where mitigation has been pre-arranged to remove all the trash from the Reserve to the dumpsters at the beach at the end of the event. The other exception is for staff and volunteers eating their lunch out of public view within the Lodge.

No one should be eating in their vehicle in the Reserve. The staff & volunteers shouldn't because the public will see them and think it's OK. The public shouldn't because it's illegal and they will inevitably throw their trash away in the Reserve trash cans where it will be found by our ravens & ground squirrels.

Anyone with a disability or medical condition that requires accommodation should contact the Reserve before coming.

The reasoning behind the ban on food is to prevent litter, to prevent the animals from becoming accustomed to being fed or foraging in trash cans, and to prevent the introduction of new plant species in the form of seeds from people's food.

Anyone found picnicking should be referred to the picnic tables at the South Beach lot.

Coastal Cleanup Event

by Kristine Schindler

Do you want to be part of the action for the 2011 Coastal Cleanup Day? The cleanup will be held on Saturday, September 17th from 9 am to 12 pm.

Please go to <http://cleanupday.org/> to register online and get more details including an interactive map with locations/sites provided. Torrey Pines and Peñasquitos Lagoon is listed at tinyurl.com/cleanupday0917 and is currently showing a good number of volunteers registered, however there are many other sites needing volunteers. Please consider joining in this effort. □

Cleanup of Torrey Pines Hill/Hwy 101

by Kristine Schindler

Photo by Ken King

Steve Tarkington and **Kristine Schindler** invited volunteers to join them on Friday, August 5th for the road cleanup of Torrey Pines Hill/Hwy 101. The turn-out was very good, and many thanks go to the participants (photo below). A total of 10 bags of trash and 1 bag of recycling were collected as a result of nearly 3 hours of hard work. Kristine and Steve plan to schedule these cleanups on a quarterly basis, so you will have another chance to help. □



L-R Rear: Bob Doolittle, Kristine Schindler, Sherry Doolittle, Lynne Small, Chris Richter; Front: Joellen Barnett and Steve Tarkington; Not shown: Vince Castiglione, Ken King, Lisa Pavlan and Elaine Slack

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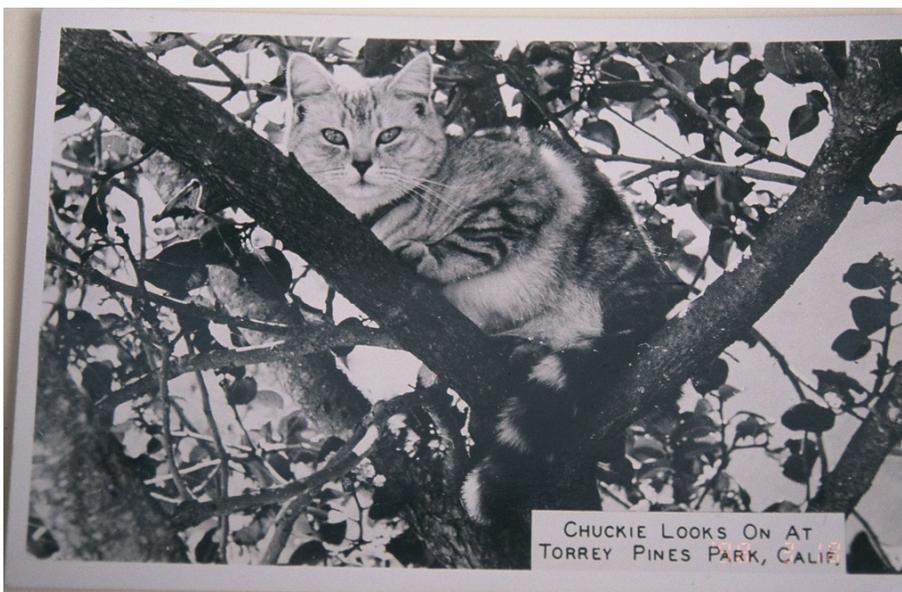
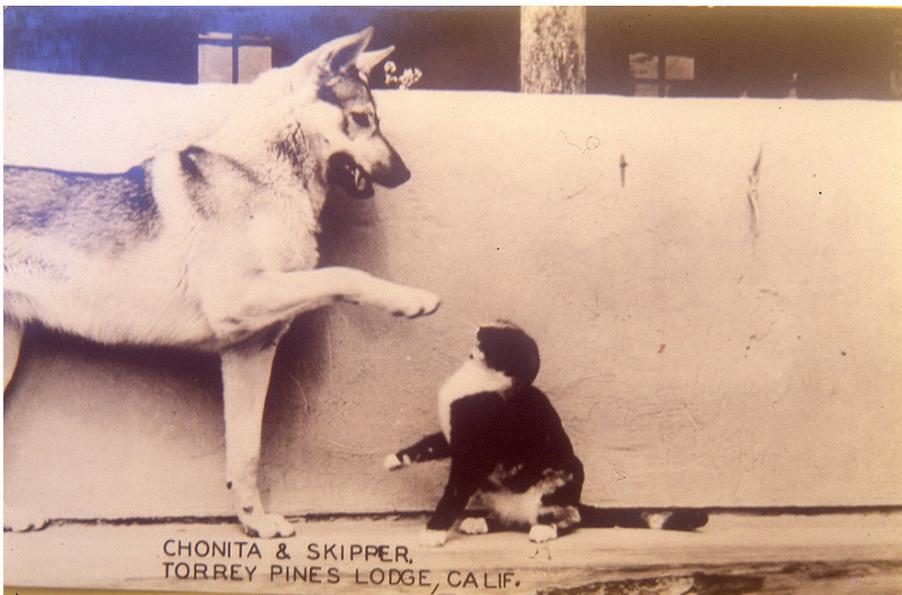
by Judy Schulman

Welcome to my new history column. Each month it will feature a photograph from my collection. Some will be from vintage postcards, others I have taken over the years, and some were donated to me. I hope you like what “develops.”

Who says we can't have pets in the park? These two photographs are from postcards. Neither of them have postmarks on their backsides, so I don't know their exact dates. But based on the type of photographic paper used, the card of Chonita and Skipper was published between 1925 and 1942. That means they could have either been owned by the Burkholders (the first proprietors) or Alex Johnson (the last proprietor).

I have no idea who Chuckie is, but he definitely looks at home in that tree. This postcard was published between 1930 and 1950. So it is likely that Alex Johnson, the last proprietor of the restaurant, owned this cat.

My thanks to Roger Isaacson who suggested that I start with these. □



You may be missing out on some interesting docent discussions

Over half of the active TP docents now receive Google Group mailings. Recent topics and discussions include golden eagle sighting, parahawk sailing (see p. 7), dogs, voting on TP Beach to win \$10K for maintenance, cell phone tours and the need for paper trail guides. To be invited to join please email Roger Isaacson or Lou Adamo. (You probably already received an invite in the past six months but did not respond correctly.) If you need help we can also sign you up at the next general meeting, since we have online access at the Rec. Hall.

groups.google.com/group/tpds

For convenience this link is on the Docent Login page.

Parahawking

from Ken King

Please make sure you view this interesting video, parahawking.org/Home.html, featuring Torrey Pines and Blossom Valley. Note that the hawk in the video is TAME, and the purpose is to support the protection of raptors.

To learn more about these amazing hawks, please visit [parahawking.org/About Harris Hawks.html](http://parahawking.org/About_Harris_Hawks.html).



Save the date for our Annual Volunteer Appreciation Dinner on Thursday, October 14, 2011

Docents and staff will get a chance to mingle and munch as we enjoy a beautiful fall evening at the Reserve.

Join us at 5 pm for appetizers and social time followed by a fabulous dinner (details to come).

Please contact Laura Lowenstein (see docent Member List) if you'd like to help with setup & cleanup.

Torrey Pines Docent Society Bird Survey: August 6, 2011

Number of species: 66

Gadwall 8
Mallard 12
California Quail 16
Pied-billed Grebe 5
Sooty Shearwater 30
Brandt's Cormorant 11
Double-crested Cormorant 6
Brown Pelican 10
Least Bittern 1
Great Blue Heron 5
Great Egret 2
Snowy Egret 21
Green Heron 3
Osprey 2
White-tailed Kite 3
Cooper's Hawk 1
Red-shouldered Hawk 1

Red-tailed Hawk 5
American Kestrel 1
Peregrine Falcon 1
Common Gallinule 1
American Coot 1
Killdeer 3
Greater Yellowlegs 1
Willet 2
Whimbrel 2
Long-billed Curlew 5
Heermann's Gull 30
Ring-billed Gull 4
Western Gull 37
California Gull 8
Caspian Tern 14
Forster's Tern 1
Royal Tern 40
Mourning Dove 24
White-throated Swift 2

Anna's Hummingbird 25
Nuttall's Woodpecker 7
Northern Flicker 1
Black Phoebe 7
Cassin's Kingbird 2
Western Scrub-Jay 11
American Crow 14
Common Raven 10
Northern Rough-winged Swallow 3
Cliff Swallow 5
Bushtit 34
Bewick's Wren 4
House Wren 6
California Gnatcatcher 8
Wrentit 18
Western Bluebird 1
Northern Mockingbird 3
California Thrasher 9

Common Yellowthroat 12
Yellow-breasted Chat 3
Spotted Towhee 5
California Towhee 56
Savannah Sparrow 4
(Belding's)
Song Sparrow 11
Black-headed Grosbeak 1
Red-winged Blackbird 13
Brewer's Blackbird 6
House Finch 82
Lesser Goldfinch 27
House Sparrow 2

Observers: Jack Friery, Gary Grantham, Blair Francis, Kathy Dickey, Herb Knufken and Anonymous

Previous Bird Surveys may be found at torreypine.org/activities/bird-sightings.html



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September 2011 TPDS Lodge Docent Hosting Calendar- Updated 8/30/11

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Lodge hosting hours: L- 9-12 After Sep. 5, weekdays: 10-1 L-12-3 and 1-4 L- 3-6		Walks W Sat/Sun/Hol 9:30 (Start 10:00) W Sat/Sun/Hol 1:30 (Start 2:00)		L-Tarkington 1 L-Phillips L-Humphrey	L-Burke 2 L-Isaacson L-Martineau	L- Zlotnik 3 W-Fillius L- B Doolittle W-Sheehan L-
L-Schindler/Lawley 4 W-G Beardsley L-Simon W- Burham L-	L-Lombardi 5 W-B Doolittle L- W- L-	<i>Maid's</i> 6 L-Ivany L-Donnelly	L-Simon 7 L-Small	L-Barnard 8 L-Stehlik	L-Burke 9 L-Colwell	Meeting 10 L- W-Geist L-Phillips W-Farness L-
L-C&B Harnbeck 11 W-Farness L-Walker/Hroutas W- L-	L-Arnold 12 L-F Doolittle-	L-Blantz 13 L-A&D Paa	L-Fiorentino 14 L-Stehlik	L-Griffiths/Malm 15 L-Donnelly	L-Sheehan 16 L-B&F Eckles	L- Schulman 17 W-Sanseverino L-Schulman W-Sheehan L-
L-B Doolittle 18 W-Schindler L-Phillips W- L-	L-Fiorentino 19 L-Donnelly	<i>Maid's</i> 20 L-Ivany L-Stehlik	L-Tarkington/ MacConnel 21 L-Barnard	L-Fiorentino 22 L-B&F Eckles	L-Schindler/Lawley 23 L-S&S Rose-	L- 24 W-Sanseverino L- W- L-
L-B Doolittle 25 W- L- W-Geist L-	L-Arnold 26 L-F Doolittle	L-Blantz 27 L-	L-Lawley/ MacConnell 28 L-Barnard	L-Fiorentino 29 L-Colwell	L-Sheehan 30 L-Martineau	

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