



TORREYANA

THE DOCENT NEWSLETTER FOR
TORREY PINES
STATE NATURAL RESERVE

Issue 400

September 2018

Theodore Payne Foundation and A Look at Torrey Pines in 1922

by Joan R. Simon

Lili Singer, Director of Special Projects at the Theodore Payne Foundation for Native Plants and Wildflowers, gave the Docent Society an illuminating look at the origins and current work of this well-known foundation at our August 11 meeting. The Foundation is dedicated to the understanding, preservation and use of California native plants and wildflowers, with 3000 members and 200 active volunteers. Located on 22 acres in La Tuna Canyon (Sun Valley), about 10 miles from downtown LA, it provides multiple educational and outreach programs. In addition, it operates a retail nursery of native plants, with 900+ taxa and more than 200 different species available as seed. It has an annual garden tour in the spring (both coastal and inland tours) and offers a wild flower hotline from March to May with weekly reports on the best places to see wildflowers in central and southern California.*

It all started with Theodore Payne, who was born in England where he trained as a horticulturist. In 1883, at age 20, he came to the US, settling in Southern California. After working in gardens in LA and Orange Counties, he opened a seed and plant store in downtown LA in the early 1900's. In 1922 he moved his operation to a 10-acre site in the Los Angeles community of Atwater Village, where he was able to propagate native plants for sale, grow crops of wildflowers and collect seeds that could be sold to the public.

During his long life, Payne developed numerous public and private gardens in Southern California and introduced more than 430 native plants into cultivation. He was hailed for his singular effort in preserving native plants and promoting their use. In 1960 the Theodore Payne Foundation was established to carry on his work, and in 1961 Los Angeles County dedicated 320 acres in Antelope Valley as The

Evening in the Pines

Docent Pot Luck Meeting

Date: Saturday, September 22, 6:30 pm

Location: Torrey Circle - Lodge/Visitor Center

Come join us as we enjoy a potluck gathering in place of our regular September meeting. We will celebrate the grand opening of the Torrey Circle Pavilion and show off the 2019 calendar photo winners. We will end with a moonlight walk. Spouses or significant others are welcome.

Refreshments: Docents are asked to bring a main course, appetizer, or dessert to share. Also a plate, utensils, cup, and a drink. Water will be provided. Please bring some extra food as we are inviting the ranger staff, maintenance crew, and TPA counselors to thank them for their support in raising our new Pavilion.

Refreshments for the October meeting: Docents with last names beginning with **P-R-S** will be responsible for providing snacks for the October meeting.

Theodore Payne Wildlife Sanctuary. He died in 1963, just shy of his 91st birthday. In 1919, Payne had formed a 5-year partnership with the prominent horticulturist Ralph D. Cornell, and together they designed landscape projects in the Los Angeles area.

Afterwards they maintained a close friendship for 54 years. One of Cornell's ventures of particular interest to docents was a visit he made to Torrey Pines in 1922. The report he wrote of that trip, which he

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FLASH From Joy Inton: Don't
forget to donate your ZooNooz
magazines to the Museum Shop.

shared with Payne, describes the Reserve in words that will ring as true today as they did almost 100 years ago. His prescient recommendations for preserving the park have been carried out with remarkable precision by both California State Parks and our own docent society. Here are excerpts from his report:

Torrey Pines' Uniqueness:

"There is one impression that stands out eminently above all others – that is the distinctiveness of this one spot and its difference from any other spot ... [It] ranks among the natural phenomena and should hold its small, though proud place among our national monuments" to nature.

A Description of Torrey Pines in 1922:

"Torrey Pines is not a place of typical scenery ... It is itself, alone, un-imitated -- with precipitous cliffs carved and sculpted by the erosions of time; it is picturesque, unique, colorful and beautiful, with a combination of nearby sea and distant mountains that delights the eye and soothes the soul; it bears as adornment botanical species of plants that occur nowhere else as indigenous species. I think all agree that it should be so kept, true to itself ..."

Use Restraint:

"If Torrey Pines is to be preserved and held in trust for the generations which will follow ours, and if the tract is to escape ... the exploitations and encroachments that become of so many public lands, it must be very zealously guarded. As a watchword to guide in its development, I feel that one cannot too loudly state nor too often repeat the slogan of 'RESTRAINT'."

Keep Torrey Pines Pristine:

"Do not permit the love of plants and the zeal of the collector to make this into a botanical garden or plant museum which will leave no semblance to the original landscape. Do not introduce features nor plants foreign to the spirit and feeling of this area as it now exists. Do not permit acts of forestation to clothe the slopes densely with pines to the exclusion and concealment of the open spaces of yellow earth against which the gray-green pines now show so beautifully. Remember that open spaces are necessary for the proper sight and enjoyment of the vegetation which shows in relief against the ground forms. Remember that Torrey Pines' fame was won without man's creative aid, and that preservation rather than change should be sought."

Develop Walking Trails:

"As the human use of the park increases in intensity it will become essential to open adequate trails along the routes of travel on which it is desired to confine pedestrian traffic."

Conclusion:

"Let Torrey Pines Park be a monument to all that is characteristically beautiful, let its present feeling be preserved, and leave the extraneous, outside things to other uses."

To access the complete 1922 report by Ralph D. Cornell, [click here](#).

For more information on the Theodore Payne Foundation, go to:
theodorepayne.org

*Between March and May, call the wildflower hotline for a new report each Friday at 818-768-1802, ext. 7

Meeting Minutes – August 11, 2018

Meeting called to order at 9:02 am by President **Ingo Renner**.

Speaker: Lili Singer, Director of Special Projects and Education at the Theodore Payne Foundation, presented her very informative lecture: *Theodore Payne and Ralph Cornell: their contributions to TPSNR* (see the article on front page).

Scripps College Library: **Judy Schulman** (TPDS historian) recently visited the Ella Strong Denison Library at Scripps College in Claremont, CA with TPA President **Peter Jensen**, and former TPSNR Supervising Ranger **Bob Wohl**. Their “road trip” was inspired by the upcoming 2020 TPSNR Exhibition that will be presented by the La Jolla Historical Society in partnership with TPA. Judy was awed that she got to hold and read some of Ellen Browning Scripps’s diaries and travel journals. She presented several pages from the diaries where Torrey Pines was mentioned, and noted that entries from 1923 & 1924 showed how much Miss Scripps loved to picnic in the park as well as have dinner at the Lodge with friends. (See article on pg. 6.)

CEED: **Joe Meyer** reminded the docent group that the August CEED event will be an ebb tide/tide pool discovery event led by **Wes Farmer** on August 14.

President’s Report: **Ingo Renner** reminded the docents that the September general meeting will be an “Evening in the Pines” with a potluck dinner served at 6:30pm on Saturday, September 22 at the Lodge. During the dinner, awards will be given to the photo contest winners, and the dinner will be followed with an evening moonlight walk. Spouses or significant others are invited. (See front page for details.)

Please RSVP to Ingo, let him know what food category you will be bring, and if you are able to volunteer for setup or takedown.

Ingo next presented a preliminary 2018 count of Torrey pine trees in the Reserve conducted by Tierra Data Inc. and funded by TPA. The count of mature and subadult live trees totaled 3728 in 2018 as compared to a count of 4252 live trees in 2006 (a loss of 12.3%). The tree locations are mapped, and it will aid USFS biologists to experimentally place disaggregation pheromone traps. Ingo emphasized that this is just an initial report and more information will follow.

Vice President’s Report: **Ray Barger** presented a 3D TPSNR map that was modeled by students he mentored at High Tech High School in San Marcos. This student-fabricated map shows topographic elevation contours of plywood painted to represent the geological strata of the Reserve. Ray then painstakingly painted the lagoon and added all the trails, roads, railway, labels, signage, and other details. The TPDS board, museum committee and

Supervising Ranger **Dylan Hardenbrook** will evaluate proposals on whether and where to display the map.

Ray next gave a presentation on where to find existing geology resources for TPSNR that can be used to help interpret the Reserve’s geological features for our visitors (see Geology Resources article for details and link on pg. 6). Ray will lead a “geology refresher” walk on Saturday, August 25.

Docent of the Month: **Dan Hammer** for his superb job as co-editor of the *Torreyana* (with **Joan Simon**) and all his efforts as Lodge host, manning the TIK, and as a Roving Interpreter.

Refreshments: The September General Meeting will be an evening potluck, as described above under President’s Report. Docents with last names starting with letters **P-R-S** will be asked to provide refreshments at the October meeting.

Meeting ended at 11:16 am.

Children’s Program

by *Louis Sands, Program Coordinator*

Calling all docents: summer breaks have ended, and the start of the 2018-19 docent-led children’s program is just around the corner.

If you have ever been curious about this program, then please join us for our annual kickoff meeting, **September 11, 2018, 9:00 a.m. at the Lodge**. We have always welcomed new and returning docents to our kickoff meetings!

Come and interact with the fantastic docents who make this program what it is today. Let us address your questions and provide you some tools to help get you started. These kids deserve your talents!

No CEED Event in September

Did you notice the issue number for this *Torreyana*?

This is the 400th *Torreyana* produced since the first issue in December 1975. Essentially all issues have been scanned and made available on torreypine.org and most are searchable. A few of the early issues are only the quality you might expect for mimeograph copying.

Docent of the Month:

Dan Hammer

Photo by Herb Knüfken

Growing up in the Bay Area, I thought the world ended at the Tehachapis. That all changed in 1984, when I moved to Carlsbad with my wife, Shelley, and our daughter Sara. I discovered warm ocean water and my first "soul spot": Swami's Beach. Then came the mountains, desert, Baja California, and a second "soul spot": Torrey Pines. It had me at hello (the Guy Fleming Trail).

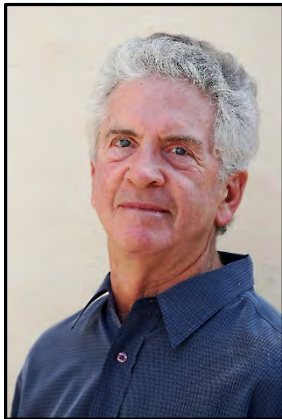
In 2013, Shelley became a docent. I wanted to join her, but my job as constituent communications director for U.S. Senator Barbara Boxer and volunteer work with the Coast Guard Auxiliary kept me too busy. However, a week after I retired from the Senate, a place opened up in the 2015 docent training class. **Jeannie Smith** and her team were a fountain of information and enthusiasm.

Before I knew it, I was battling *Ehrharta* with the Whacky Weeders. Until you've dug in the dirt with Ph.D.'s at your side, you don't know what you're missing. Though I later had to cut back on weeding (so to speak), I'm forever grateful to **Lynne Small** and the whackers for our mornings together.

Lodge hosting opened up another side of the Reserve: the wonderful visitors. Until you've welcomed an ecstatic Minnesotan on a warm day in January, you don't know what you're missing. Thanks to **Ken King** and **Shelley Hammer** for getting me started.

As a longtime writer and editor, I was recruited to join the Torreyana staff when *Pat Finn* decided to retire. Working with **Joan Simon**, **Roger Isaacson**, and all the brilliant docent contributors is pure joy.

I'm deeply honored to be named Docent of the Month and to be a part of the TPDS.



The 2018 Nominating Committee

by Annette Ring

The TPDS Nominating Committee (NomCom) prepares the slate for the Board of Directors. We are thankful to the previous NomCom members for their years of contribution to the TPDS in this capacity. They are **Barbara Wallach**, **Lillian Lachicotte**, **Jeannie Smith**, **Walt Desmond**, and **Don McGuire**.

The current NomCom consists of **Ken King**, **Joe Meyer**, **Don McGuire**, **Peter Domaille**, and **Annette Ring**.

The TPDS NomCom is now beginning to prepare the slate for the 2019 Board of Directors. Any docent who would like to be considered for a position on the board will need to fill out the short application [you can download here](#) and send it to Nom-Com@torreypine.org.

The slate will be presented at the November General Meeting and will appear in the November issue of the *Torreyana*. It will be voted on by the membership at the November meeting. If you have any questions, please feel free to email them to: Nom-Com@torreypine.org

Kudos for the Museum

by Lillian Lachicotte

Jeannie Smith shared with the Museum Committee a recent experience she had with visitors. It's good to know our museum is appreciated for its rustic charm and well-presented information. Here is what she told us:

"I just wanted to report to you that today I had a long exchange with a Mom/son duo who were really complimentary about our museum. They kept raving about the animals, the interactive stuff, the info presented. And they loved the drawers. They had such strong opinions because they, too, are involved in a State Park Visitor Center, and they said they were going to take ideas from ours back to theirs in central Florida, and indeed they were taking photos!"

I'm always amazed at how much visitors appreciate our museum, even though some of it seems dated to many of the docents, and there are clearly things that need fixing. But I wanted you all to share in these kudos."

Members of Museum Committee continue fine-tuning the geology exhibit and display drawers and are also working on creating a timeline showing the history of the Torrey Pines area.

Kumeyaay Cultural Exchange Event

by Ray Barger, Jane Barger and Stu Rosenwasser

At times Special Nature Walks don't go as planned, and as docents we are always flexible and try to deliver a great visitor experience. Sometimes the result is better than the original plan. This was the case on August 14, when 28 high school students from the San Pasqual Band of Mission Indians, local high schools, and touring students from Taiwan visited the Reserve for a daylong cultural exchange.

Special Walks leader **Stu Rosenwasser** was originally requested by Lorraine Orosco, the Executive Director of the Education Department at San Pasqual, to support a group visit including a brief welcome introduction by San Pasqual personnel, a guided Museum tour and a 1 ½ hour guided hike on our trails before an afternoon cultural celebration at the beach.

As it turned out, the introductory speaker arrived late, and while we were waiting for her, the docents led a detailed tour in and around the Visitor Center. The 10-minute Kumeyaay presentation turned out to be an incredibly informative one-hour talk and demonstration of Kumeyaay culture and ethnobotany by San Pasqual Ethnobotony and Native Plant Environmentalist Kristie Orasco (Lorraine's sister). When it was time for the hike (about noon), it was noticed that about half the high-schoolers wore flip-flops (which impacted trail options), and they were getting hungry. The students wanted to get to lunch at the beach, but also wanted photo opportunities in the Reserve.

Stu, along with Docents **Ray & Jane Barger**, had to adapt, and led a short walk out to Red Butte and back, after which the students were bussed down to the beach. Lunch, Kumeyaay cultural celebrations and a surprise were waiting for them there – two authentic Kumeyaay tule reed boats built by Kristie's son, Kristopher.

Although, different than envisioned, the result was better than planned, and the high-schoolers finished the memorable day at the beach with a swim in balmy waters.



A Fly at the Council: A Kumeyaay/Diegueno Myth

related by Kathy Dickey

Docents have often asked me for a mythology story from the Kumeyaay. Here is a short one:

Another time, Tu-chai-pai (the Creator) thought to himself, "If all my sons do not have enough food and drink, what will become of them?" He thought about this for a long, long time and said, "Then they will surely die." He then thought, "What do my men want to do? I will give them three choices: to die now forever, or to live for a long time and then return to the heavens, or to live forever."

When the Maker had finished his thinking, he called all the men together, but none of the women. He said to the men, "I have been thinking, since there is not much food and water now, I want to know what you wish to do. Here are your three choices: to die forever, to live for a long time on Earth, or to live forever."

Some Indians replied, "We want to die forever"; some said, "We want to live for a time and then die"; others said, "We

want to live forever." So they talked and talked in a Council meeting, for they did not know how to decide for everyone.

Then the fly arrived and said, "Oh, you men, what are you talking so much about? Tell the Maker you want to die forever." So the people talked and talked a long time and decided upon their choice: to die and be done with life forever.

This is the reason the fly rubs his hands together constantly, because he is begging forgiveness of the Indians for these fateful words of his.

Source: "The Mythology of the Diegueños" by Constance Goddard Du Bois, *Journal of American Folk-Lore* Vol. XIV, No 54. pp. 181-5

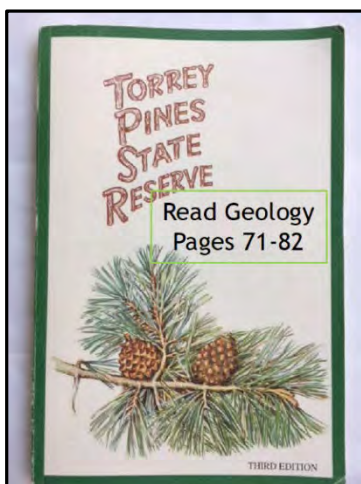
Geology Resources Available to Support Docent Interpretation

by Ray Barger

At the August Docent General Meeting, a Spotlight On presentation summarized the TPDS & TPA multimedia resources available to support docent interpretation of Torrey Pines geology. As stated in the presentation, "We're not experts, but we can learn about and interpret our geology for our visitors if we know where to look!"

The photo-oriented presentation highlighted where geology media can be located on our torreypine.org website, including TPDS library books, along with videos, maps and brochures. Further, the Spotlight On reviewed geology-related exhibits within the Reserve useful to supplement education and interpretation. Finally, the presentation cited website links of other local organizations with relevant geology content.

Clicking below will take you to the Geology Resources Spotlight On presentation, where you can learn how to access resources to enhance your geology knowledge. [Click here to access the presentation.](#)



TPSNR Exhibition at the LJ Historical Society, 2020

by Peter Jensen

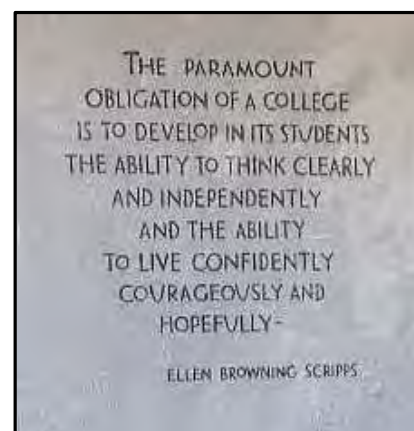
Torrey Pines Association, in consort with the TPDS and California State Parks, will mount a "Saving Torrey Pines State Natural Reserve: Because San Diegans Cared" (working title) exhibition at the La Jolla Historical Society in June-July-August of 2020. Research is underway, and already some interesting materials have been discovered.

Recently **Judy Schulman** and Torrey Pines Association Counselors Peter Jensen (TPA president) and Bob Wohl (former Torrey Pines Supervising Ranger) journeyed to Scripps College's Ella Strong Denison Library in Claremont, California, to view the Ellen Browning Scripps archives. Voila! A treasure trove of original



(no facsimiles!) exists detailing the construction of the Lodge, Miss Scripps's purchase of various "pueblo lots," and the public outcry (expressed in letters to Miss Scripps) regarding a proposed new road that would carve down the cliffs above the ocean. Imagine, for example, the trio's delight in finding the original bills of sale from Theodore Payne's native plant nursery for the first plantings around the Lodge (see article about Theodore Payne on pg. 1).

At the August TPDS meeting, Judy shared some of the entries from Miss Scripps's diaries that she found at the Denison Library. They detail her travels as well as her life in La Jolla, including such ventures as picnicking at Torrey Pines and eating dinner with friends at the Lodge.



Inscription by Ellen Browning Scripps on a Scripps College building

Torrey Circle Pavilion/Children's Pavilion

Photos by Herb Knüfken



Construction on the Torrey Circle Pavilion Begins



Some of our Seabees laying out cedar planks: Bill Eckles, Frank Burham, Larry Scott, Mark Embree, and Cliff Colwell





Great Progress as of August 25

We plan to have more information of the TPA-funded Pavilion and its planned future uses in the next *Torreyana*.

Torrey Pines Book Club

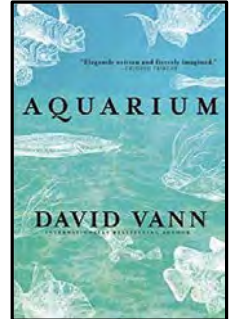
When: Tuesday, September 11, 1:00 pm

Where: Gabrielle Ivany's home in Rancho Bernardo

What: *Aquarium* by David Vann (note change in book selection)

Summary:

Twelve-year-old Caitlin lives alone with her mother in subsidized housing next to an airport in Seattle. Each day, while she waits to be picked up after school, Caitlin visits the local aquarium to study the fish. Gazing at the creatures within the watery depths, Caitlin accesses a shimmering universe beyond her own. When she befriends an old man at the tanks one day, who seems as enamored of the fish as she, Caitlin cracks open a dark family secret and propels her once-blissful relationship with her mother towards a precipice of terrifying consequence. In crystalline and graceful prose, *Aquarium* takes us into the heart of a brave young girl whose longing for love and capacity for forgiveness transform the damaged people around her. Relentless and heartbreaking, primal and redemptive, *Aquarium* is a transporting story from one of the best writers working today.



All TPDS docents are welcome. Meetings usually last a couple of hours. RSVP to Gabrielle if you plan to attend. (Check Member List for email or phone number.)

October 9: *West into the Night: A Memoir* by Beryl Markham

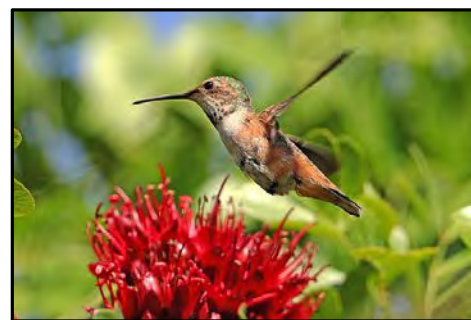


Ebb Tide/Tide Pool Discovery at Birdrock (La Jolla) August 14 CEED event led by Wes Farmer – [Click here for Google Group link](#) for more photos.

The Magic of Hummingbirds

by Jack Friery; photo courtesy of Herb Knüfken.

We've written about hummingbirds before, but these magical creatures deserve at least one more look. Here are some more amazing facts about these birds:



Allen's Hummingbird

- Recent fossil finds indicate that hummingbirds originated in Eurasia. (The oldest known fossils were discovered in southeastern Germany.) They eventually died out in Europe, but somehow made their way to today's New World beforehand.
- There are about 350 known species of hummingbirds in the world. San Diego County has seen ten species. Two (Anna's and Allen's) are permanent residents; the rest are either migrants passing through or accidentals. On the other hand, the nation of Colombia has more than 160 species and comparatively small Ecuador has about 130 species.
- Rufous Hummingbirds, which pass through San Diego on migration, breed further north than any other hummingbird species -- in the Yukon and southeast Alaska. The Rufous Hummingbird takes the longest migratory journey of any bird in the world, as measured by body size. At just over 3 inches long, its roughly 3,900-mile passage (one-way) from Alaska to Mexico is equivalent to 78,470,000 body lengths.
- The Ruby-throated Hummingbird of the east makes a migratory journey from the eastern U.S. and Canada to Mexico -- and crosses 500 miles of the Gulf of Mexico nonstop en route.
- The smallest bird species in the world, the Bee Hummingbird of Cuba, is just two inches long and weighs less than 2.0 g (0.07 oz).
- Hummingbirds while in flight have the highest metabolic rate of any warm-blooded animal in the world. Their heart rate can reach as high as 1,260 beats per minute, with a breathing rate of 250 breaths per minute, even at rest.
- A hummingbird's tongue is twice as long as its (comparatively long) beak. Until the tongue is extended to feed, it is folded back on itself. And the tongue is forked at the end.

Sources: Audubon Magazine, goo.gl/v3K7dT; Unitt, *San Diego County Bird Atlas*; Cornell lab of Ornithology, allaboutbirds.org/guide/Rufous_Hummingbird; en.wikipedia.org/wiki/Hummingbird; pbs.org/video/nature-secret-hummingbirds-tongue/.

Torrey Pines Docent Society Bird Survey: August 4, 2018

Number of species: 53
(+2 other taxa)

Surf Scoter 1
Eurasian Collared-Dove 3
Mourning Dove 39
White-throated Swift 15
Anna's Hummingbird 27
Rufous/Allen's Hummingbird 13
hummingbird sp. 6
American Coot 1
Whimbrel 6
Willet 4
Bonaparte's Gull 100
Heermann's Gull 15
Western Gull 34

California Gull 10
Caspian Tern 21
Royal Tern 61
Double-crested Cormorant 4
Great Egret 1
Snowy Egret 7
Reddish Egret 1
Black-crowned Night-Heron 1
White-tailed Kite 1
Cooper's Hawk 1
Barn Owl 1
Nuttall's Woodpecker 6
American Kestrel 5
Peregrine Falcon 1
Black Phoebe 6
Say's Phoebe 1
Ash-throated Flycatcher 9
Cassin's Kingbird 8

Hutton's Vireo 1
California Scrub-Jay 6
American Crow 13
Common Raven 4
Barn Swallow 1
Cliff Swallow 20
Bushtit 27
House Wren 2
Marsh Wren 1
Bewick's Wren 7
California Gnatcatcher 15
Wrentit 27
California Thrasher 5
Northern Mockingbird 1
Phainopepla 1
House Finch 106
Lesser Goldfinch 53
Song Sparrow 6

California Towhee 37
Spotted Towhee 6
Hooded Oriole 1
Common Yellowthroat 8
Blue Grosbeak 1
House Sparrow 5

Observers: Frank Wong,
Kathy Dickey, Marty Hales,
Andy Rathbone, Peter
DiGirolomo, Margaret Fillius,
Steve Neal, Bob Glaser,
Herb Knüfken, Jim Wilson,
Jack Friery, Eva Armi,
Tsaiwei Olee, and
Anonymous

View this checklist online at ebird.org/view/checklist/S47887122



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