



TORREYANA

THE DOCENT NEWSLETTER FOR
TORREY PINES
STATE NATURAL RESERVE

Issue 456

July 2023

Beauty on the Wing

by Dan Hammer

At the June TPDS meeting, Bill Howell gave docents a colorful introduction to the butterflies of San Diego County, with a focus on their diversity and life cycles.

Bill is a past president of the Monarch Program in Encinitas, a research and educational organization involved with tagging and counting overwintering monarchs along the California coast. He currently trains interpreters for the Canyoneers of the San Diego Natural History Museum and the Trail Guides of Mission Trails Regional Park. He is also an award-winning photographer, which we could plainly see from his gorgeous photos of these dazzling creatures.

Butterflies are everywhere. They are members of the order Lepidoptera, which is second only to Coleoptera (beetles) in the number of species it contains. And butterflies are found all over the planet, on every continent except Antarctica. San Diego County, with perhaps the most varied ecology of any county in the United States, has a diverse local butterfly population.

Bill shared his photos and information about some of his favorite local species. He began with the **Anise Swallowtail**. It is fairly common and was the first species Bill identified as a young boy.



Docent General Meeting

Date: Saturday, July 8, 9:00 am

Location: St. Peter's Episcopal Church Parish Hall, Del Mar

Speaker: Drew Talley, Professor and Graduate Program Director in Environmental and Ocean Sciences, University of San Diego

Topic: The California killifish - the unsung hero of California wetlands

Wetlands provide habitat for many fishes, including commercially important and threatened or rare species. And fishes play critical roles in wetlands habitats: transferring energy through the food web, providing support for higher trophic levels (such as birds and mammals), and acting as a pathway for parasites and diseases. Dr. Talley will briefly cover the major players in the Southern California wetland fish community, with an emphasis on the understudied key to many of these functions: the California killifish. He has studied Southern and Baja California wetland systems since 1994 and is a passionate fan of the California killifish.

Refreshments: Docents with last names beginning with **D, E, F** will be responsible for providing snacks for this meeting.

It gets its name from anise, a relative of sweet fennel, which is the caterpillar's favorite food and the place the butterfly lays its eggs.



(Cont. on pg. 3.)

The Torrey Pines Docent Society publishes the *Torreyana* monthly, edited by Joan Simon and Dan Hammer on alternate months, and is formatted and produced by Roger Isaacson. Submissions are due on or about the 20th day of the preceding month and may be emailed to

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Brock, Lila Beth Scott, and Zuzana Volny

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**FLASH - Don't forget to donate
your ZooNooz magazines to the
Museum Shop.**

President's Message

Summer's here and the time is right

Summer is here, though it seems El Niño's impacts on our weather will continue to keep us cloudier and cooler than normal. Yet the future of the TPDS is anything but cloudy given the contributions of our outstanding docents. I want to thank a few of those who deserve recognition. **Medi Denker** has risen to the occasion by taking the lead in reforming the CARE Team. **Rosemary Wareham** has displayed persistent and productive leadership on the BLIK Project. **Lisa Kakone** has taken the lead in bringing some form of the museum committee back to life. **Marian Edelbrock** keeps us well fed and happily caffeinated at the General Meetings. (Making coffee is indeed the *most important* task in our society.) **Selma Torres** constantly checks on the staffing schedule for the Lodge to ensure at least one docent is at the desk. Lastly, I must mention **Paul Howard**, Docent of the Month for June, for his contagious positive attitude, smile, and enthusiasm. We are so fortunate to have him in our community.

As I reflect on the past six months, I am reminded about the importance of being connected to a vibrant community and all the benefits that brings. It brings to mind the South African philosophy of *Ubuntu*, a deeply rooted cultural belief about interdependence and community. This philosophy is based on the belief that a person's humanity is intertwined with the humanity of others, and that one cannot truly be human without considering the well-being of others. *Ubuntu* summarized in one sentence: ***I am not a person without people.***

For those docents who would like to have a growth experience within our community, I strongly encourage you to volunteer for a leadership position. There are many opportunities: serving on the board of directors, heading up a special event, organizing lectures, or leading any other activity. I have no doubt that you have more to gain from a volunteering experience than the effort you put into it. I am confident that the more you contribute, the healthier and happier you will be.

See you on the trails.

Matt Xavier

TPDS President



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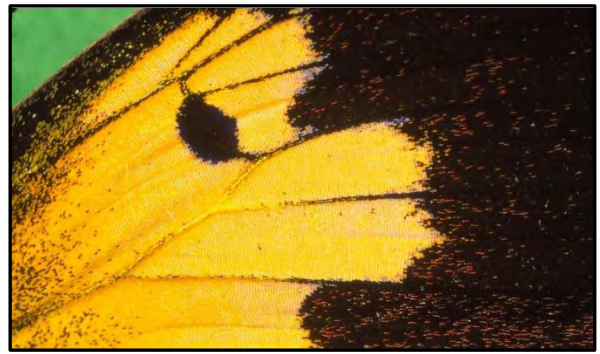
(Cont. from pg. 1.)

After about a week, the egg hatches to become a caterpillar, which will eat sweet fennel or virtually any other plant in the carrot family. A couple of weeks later, the caterpillar produces a *chrysalis* (or *pupa*), the covering over what used to be the caterpillar.



For the next two weeks or so, the chrysalis undergoes dramatic changes, forming wings and new organs. Then it changes color (often from green to black), and a butterfly emerges. Most adult butterflies live for a few weeks, though some species with migratory populations (such as monarchs) live more than a year.

I hadn't known that California had an official state insect until Bill introduced us to the **California Dogface**, so called because the design on the male's wings is thought to represent two poodles in profile. (Entomologists certainly have vivid imaginations!)



Caterpillars are particular about what they eat. Some will eat any member of a certain plant family, others only a single species. The **Hermes Copper** butterfly, for example, nectars *only* on flat-top buckwheat; and its caterpillar eats *only* spiny redberry – no other redberry will do!



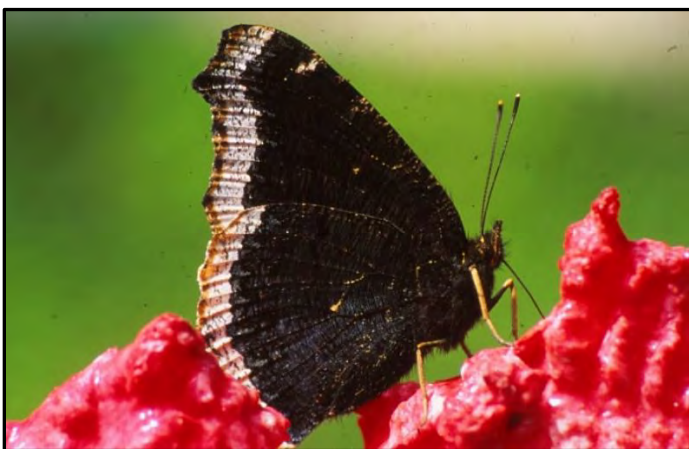
Exceptions include the **Painted Lady** and the **Gray Hairstreak**. Their caterpillars will eat almost any plant.



The smallest butterfly in the world – the **Western Pygmy Blue** – is commonly found in Torrey Pines. It nectars on buckwheat and sunflowers.



The **Mourning Cloak** – also quite common in San Diego County – nectars on “rotten things” such as corpses, dung, and rotten fruit.

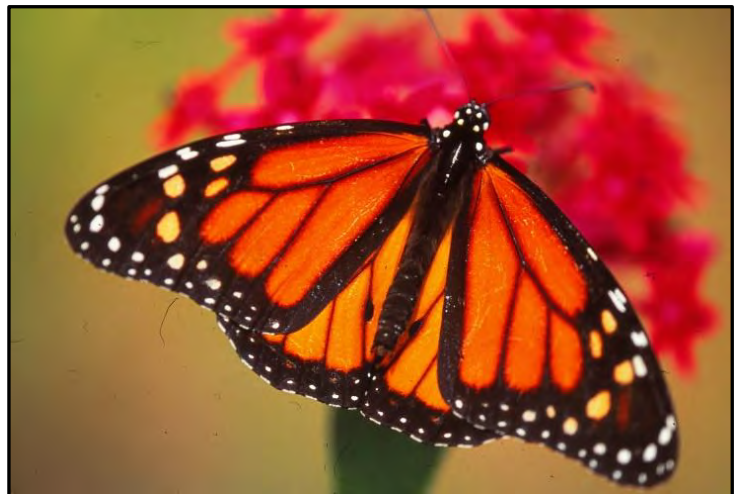


Bill concluded with some interesting facts about our beloved **Western Monarch**. We learned that the sexes can be differentiated by the dark veins on their topsides

(females’ veins are thick, males’ are thin) and by the presence (male) or absence (female) of a pair of dark dots, which are scent glands the male uses to attract mates.



Female above and male below



Monarch caterpillars famously munch only on milkweed. The adult butterflies cluster, allegedly to keep warm.



Monarch populations are dangerously low. In 2022, the Western Monarch population in California was only about two thousand – less than 0.1% of normal. This year, Western Monarchs are said to be “bouncing back,” but only to around 1% of normal. Eastern Monarch populations are much better, but still very low.

If you missed Bill’s lively presentation or want to watch it again, [click here](#).

General Meeting Minutes, June 10, 2023

Fifty-six docents attended.

Guest Speaker: Bill Howell on San Diego butterflies. (See article on pg. 1.)

Docent of the Month

Paul Howard (class of 2011) volunteers regularly for the Children’s Program. He always seems to find where there is a need at the Lodge, BLIK, TIK, and more. (See article on pg. 6.)

Beach & Lagoon Interpretive Kiosk (BLIK)

The BLIK is now open Sundays, 9am to 1pm. Sign up on Better Impact to volunteer or just stop by the North Beach parking lot and say hello. Depending on how things progress, the hours will be extended to Fridays and Saturdays. (See article on pg. 8.)

Interpretive Park Aide Update

Park Aide Lucas Steria resigned as he was offered his dream job in Colorado guiding raft trips. Zuzana Volny will be developing other photography-related walks/programs.

Vanessa Brock plans to offer nature journaling walks with Docent **Laura Chang**; both women have their own beautifully illustrated nature journals. (See pg. 6 for a full list of park aide assignments.) Louis is soliciting applications for two new park aides; he encouraged docents to apply.

New Docent Training

The next docent class will begin September 16, Saturdays at 8 am. Applications are available at torreypine.org/volunteer.

Basket Making

Margaret Pluth, who organizes basket-making every year, is starting early this year, with a training session in July. The baskets are decorated in the fall and will be sold in the Museum Shop for the holidays. Email Margaret if you are interested in participating in the basket making workshop.

Native Bee Monitoring Project

Several docents agreed to contribute to a native bee research project that will be conducted by a graduate student from UCSD over several months. They have installed bee traps in their back yards, which they will deposit weekly in a container located in the docent library, picking up fresh traps in return. Contact **Gabriele Wienhausen** if you want to participate in this research project or learn more about the Native Bee Monitoring Project.

New Hours for Lodge Hosting

The Board voted to align TIK and Lodge hours, with two-hour shifts running from 9 am to 5 pm. Please note the changes in Better Impact starting July 1.

Museum Committee

The committee is accepting applications for new members. Contact **Lisa Kakone** for more information. Peter Jensen is donating some items from the La Jolla Historical Society Wisteria House exhibit to the Lodge. Park Aide Zuzana Volny is working on where to place these.

Nature Discovery Series

Ingo Renner is retiring as a park aide and will resume his role as a docent (class of 2013). He plans to restart the Nature Discovery Series (NDS). Contact him for more information.

New Software and Website

Park Aide Zuzana Volny is taking the lead on upgrading the Torrey Pines website.

State Parks Week

State Parks Week is June 11-17. The theme is Nourish Your Health and Well Being. State Parks has selected TP Mindful Walks as a featured event. Walks will commence from Guy Fleming Trail at 9, 10 and 11 and from Parry

Grove at 9:30, 10:30, and 11:30. The walks will last 50 minutes and are open to visitors and docents. Zuzana Volny is making signage for this. Six docents are signed up to lead the walks.

San Diego County Fair Volunteering

State Parks has an exhibit at the San Diego County Fair in the Theme Hall. Many docents have already volunteered to staff the exhibit, but there are still a few openings. Free parking and fair admission are given to volunteers. Contact Louis Sands for details.

Next Monthly Board Meeting

Date: Wednesday, July 5

Time: 1 – 3 pm

Place: Children's Pavilion (or docent library, depending on weather or number attending)

Everyone is welcome, but please let a board member know if you're coming.

See pg. 2 for list of board members.

Docent of the Month:

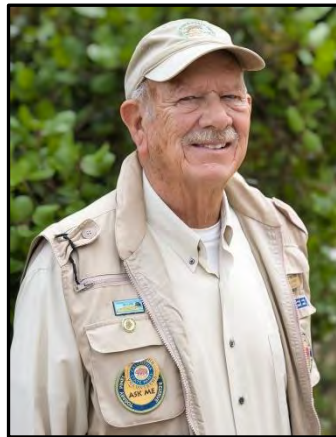
Paul Howard

Photo by Herb Knufken

My grandparents had a "ranch" immediately south of what is now Torrey Pines High School, and I spent most of my summers there.

My first memories of Torrey Pines were learning to bodysurf at North Beach when I was 7 or 8. I loved to build forts and go on hikes in the brush and sandstone breaks. One of my high school adventures was paddling a surfboard from Del Mar to Flat Rock. When I was just out of the Navy in the early 70s, a very good friend was a new park ranger at Torrey Pines. I liked rediscovering the Reserve, especially "Fat Man's Misery."

When I retired from U.S. Bank in November 2010, a friend who was a docent at Torrey Pines, **Shana Norell**, suggested I sign up for docent training since I loved the



outdoors and knew the park. I was in the docent class of 2011, and **Frank Burham** signed off my trail guide qualifications. I was so lucky, and have been so lucky since, to have Frank as an inspiration of what a great docent is.

Originally, I thought I'd work with the Seabees and Trail Patrol to fulfill my hours. After a couple of training sessions with the Children's Program, I found out it wasn't half bad; it was kinda fun. Plus, I was scared to say "no" to **Barbara Wallach**. The kids' program is also good training for grandparents. Now I have four of the rug-rats, ages 8 to 10 years.

What I most like about being a docent is the chance to give back a little. If the kids can enjoy nature and come away with a greater love for it, then I have helped some. The comradeship of good people and walking in the terrain I have always loved is a nice bonus.

What's New in the Reserve

by Louis Sands, State Park Interpreter I

We've got some new aides 'round the Reserve! Please join me in welcoming three Interpretive Senior Park Aides to the fold: Vanessa Brock, Lila Scott, and Zuzana Volny. Of course, you already know Lila and Zuzana from their service as docents and Zuzana for her work as a park aide for the past year. We could not be more excited about their upcoming contributions as California State Parks employees! (See profiles of Vanessa and Lila in the [June 2023 Torreyana](#) and of Zuzana in the [April 2022 Torreyana](#).)

The primary charge for our new hires is to assist existing interpretive projects at the Reserve and to support the development and management of new interpretive offerings where appropriate. As a team, we are here to support both statewide initiatives and our beloved docents to fulfill a critical component of our mutually held mission: education.

We met recently and developed the following list of project assignments for each member of our evolving State Parks interpretive team:

All Members: Junior Rangers, Parks Online Resources for Teachers and Students (PORTS), Special Events.

Louis Sands: Docent-Led Children's Program, Visitor Center, Trailhead and Beach/Lagoon Information Kiosks (TIK and BLIK), Volunteer Management, Permits.

Vanessa Brock: Social Media, Bulletin Boards (Beach-Level/Lodge/Map Board), Print Media, Nature Journaling.

Lila Scott: Docent-Led Public Walks, Seasonal/Themed Public Walks (e.g., flowers, whales, birds, photography), Roving Interpretation, Self-Guided Hikes.

Zuzana Volny: Docent Society Website
Review/Update/Reconstruction, California State Parks'
Torrey Pines Website, Docent-Led Children's Program
Reservation System Upgrade, Interpretive Signage.

Again, we want to partner with you! Please reach out with
any questions or suggestions: Louis.Sands@parks.ca.gov
Vanessa.Brock@parks.ca.gov
Lila.Scott@parks.ca.gov
Zuzana.Volny@parks.ca.gov

Lodge History 7

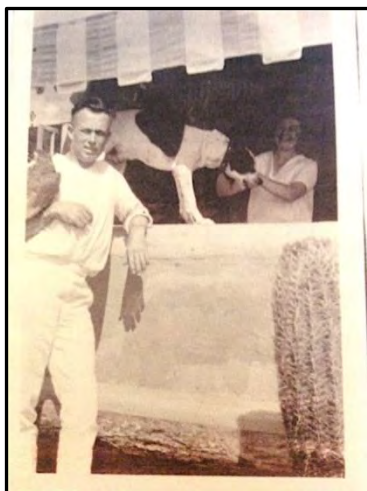
The Burkholders Lead the Way

by Judy Schulman, TPDS Historian

*This is the seventh in a series of articles by Judy Schulman
about Torrey Pines Lodge, whose 100th anniversary we
celebrated in April 2023.*

The first people to operate the restaurant were John and
Frances Burkholder, who ran it from 1923 to 1934.
Seven other operators would follow them.

Although the formal
dedication of the Lodge
didn't occur until April
7, 1923, the earliest
mention of food being
served there was on
February 16, 1923. It
was for a trip sponsored
by the Natural History
Museum. The first
newspaper ad would
appear about a month
later.



Despite having no
previous experience
running a restaurant, the Burkholders were very successful.
John was a former La Jolla playground director (for the City
of San Diego) and had served in the Army Air Corps during
WWI. Frances had been a schoolteacher. During the busiest
times they could serve up to 100 patrons a day. In fact they
became so busy that they put canopies up so they could seat
more people outside. John became known for his chicken
dinners and Frances for her desserts and pastries. They
served lunch and dinner; they also had afternoon tea and
provided picnic lunches for visitors who preferred to eat
outside.

The Burkholders lived in the Lodge in the rooms that are
now our video room and docent library. Food was prepared
and stored where rangers and park aides now have their
desks. Waitresses bunked in the room that is now
Supervising Ranger Dylan Hardenbrook's office.
According to the 1930 census, there were two waitresses

(Arlene Buck and Margaret Wilson) and one dishwasher
(Frank Lange), who also lived in the Lodge.

The Lodge was a very popular place for weddings and
wedding receptions, birthday parties, and anniversary
dinners. It was also used as a meeting place for luncheons
or dinners by art clubs, bridge clubs, horseback riding clubs
(whose members actually rode their horses here), school
groups, sororities, and professional clubs. The Natural
History Museum had monthly excursions here that included
refreshments provided by the Lodge. Tour busses on the
way from L.A. to San Diego stopped here for lunch. These
included La Jolla Stage Lines and Tanner Tour Lines.

Then things began to go bad. The Great Depression
probably caused a decrease in business. There had been
illness in John's side of the family. And the road that was
being built outside of the park circa 1932-33 steered drivers
away from the park. None of the seven operators who
followed were as successful as the Burkholders.

Museum Shop Spotlight

by Nancy Walters

Looking for an activity book for the
summer? Look no further than our
newest addition to the shop: *Coloring
Insects, Spiders, and other
Invertebrates* by Casey Richart. This
coloring book has wonderful photos
to use as a coloring guide, and it is
also a nature guide with a wealth of
information about each insect. Perfect
for children and grandchildren – and
bug-loving adults!



Docent Library: New Arrivals

by Ray Eller

Here are some of the books recently added to the library:

Fire, Chaparral, and Survival in Southern California by
Richard Halsey

Forgotten Fires by Omer Stewart

*The Superorganism: The Beauty and Elegance of Insect
Societies* by Bert Holldobler

*Personal Interpretation: Connecting Your Audience to
Heritage Resources* by Lisa Brochu

*Conducting Meaningful Interpretation: A Field Guide for
Success* by Carolyn Widner Ward

The World of the Harvester Ants by Stephen Welton Taber

*Mystery at the Blue Sea Cottage: A True Story of Murder in
San Diego's Jazz Age* by James Stewart

If there is another book you wish to be added to our
collection, please send the information to Library
Committee members **Ron Kuczenski, Karen Lay, and Ray
Eller.**

BLIK Reopening: by Land *and* by Sea!

by Gabriele Wienhausen; photos by Zuzana Volny

The BLIK reopening on Sunday, June 11 was a great success. Although the weather dawned cool, misty, and dreary, we (four docents) had 98 visitors, mostly families with children. Supervising Ranger Dylan Hardenbrook arrived right on schedule with the park truck to help with setup, but we were so organized that we already had everything in an SUV and a truck provided by two of our group. Our Easy-Up went up and down without a hitch at our location between the parking lot and North Beach, near the water fountains and restrooms. We will continue to use the Easy-Up until we get final approval from State Parks for our beautiful kiosk and cabinets, which are sitting ready to go in the North Beach docent shed.

Young visitors were especially enthusiastic about our life-sized model of great white shark jaws (3D-printed by my son) and our accompanying megalodon teeth. They were highly engaged and told us that *“the megalodon was a dinosaur much bigger than the great white”* and *“it lived a long time ago, before we were born.”*

The morning tide was quite low. Several visitors asked about and showed us photos they had taken of the “weird blobs on the beach.” Docents explained that these were called sea squirts, sea porks, or tunicates formally known as *Aplidium californicum*.

The biggest draw was the *Velella velella*, commonly known as sea raft, by-the-wind sailor, or purple sail. Hundreds of them had been washed ashore and died. Their skeletons – a complex, beautifully transparent and colorless structure – were what was left of them. Docents collected these skeletons and were able to educate visitors about these now-dead creatures thanks to **Malana Tabak**, who had made and brought a poster about this phenomenon. Having done so was not serendipity! The BLIK team’s explicit goal is to prepare educational and interpretive materials that describe current events (such as El Niño) or unusual natural phenomena, such as the appearance of the sea rafts.



The BLIK reopening event was lots of fun. Docents interpreted for the visitors but also learned a lot from them. Visitors gave us thumbs up and expressed their appreciation about our presence: *“Great that you are here!”* *“You will be here regularly, right?!”* Very encouraging!



Proud

by Rhea Bridy

In cool grey fog

on fierce taloned feet,

The Red-tailed descended.

It stood waiting, in time,
proud on pinched haunches,
peering at people and trail.

With full unfurled glory

it moved on,

across canyon, atop Torrey,
still proud, dangling its prey.



What's Blooming?

This month's unique finds along the trails

Article and photos by Donna Close

Summer has arrived and with it (we hope) some warmer, sunnier days. The chamise (*Adenostoma fasciculatum*) has put on quite a show this year. This will provide lots of seed for local and migrating birds throughout the fall. If you have walked along the North Broken Hill Trail, you may have noticed the light lemony scent of the chaparral honeysuckle (*Lonicera subspicata*) blooming along both sides of the trail. This is another plant that has had a big showing this year. Here is a look at a few plants that are just starting to bloom along the trails.



Del Mar Sand Aster (*Corethrogyne filaginifolia*)

Not as showy as the fleabane aster, the Del Mar sand aster has light lavender flowers growing at the end of the stems, and the plant is a light grayish color due to the woolly white hairs growing on its leaves. This perennial plant grows up to three feet in height, and this year the plants are quite robust. It is native to Southern California and Baja California, and it likes to grow in sandy areas. The local population is considered a separate variety by some. Because this plant flowers during the middle of the dry season, it is an important food source for many butterflies and bees and has been known to be used in nesting by native bees. This plant is growing along most trails, especially in sandy areas. Flowering June to December.



San Diego Wreath Plant, San Diego Wirelettuce (*Stephanomeria diegensis*)

You may have noticed the tall green stalks with thin, elongated leaves growing for several months along the trails. This plant is native to coastal hills and ranges of Southern California and Baja California, and can grow up to six feet tall. The leaves get smaller as they move up the stem and disappear as the flowers emerge. The flowers are light pink and grow in clusters up the stiff branches. It is related to daisies, but look closely and you will notice it has only ray florets and no disk flowers that would give it an "eye." Flowering time is typically July to September.



Scarlet Larkspur (*Delphinium cardinale*)

This plant grows along the trails in the Extension. With the cooler weather this year, it has taken its time to bloom. A member of the Buttercup family, it is found primarily in the southern half of California and in Baja California, growing on coastal and inland chaparral slopes. The plant reaches heights up to five feet tall, which makes it one of the tallest larkspurs. The leaves are basal and alternating along the stem, and wither by the time the plant is blooming. Its flowers are scarlet (with the top two marked with bright yellow) and grow on short stems attached to the stalk. As with other larkspur, flowers bloom from the bottom up. Flowering time is usually May to July. They were just starting to show flowers mid-June, so they should be in full bloom this month.



Weed's Mariposa Lily, Yellow Mariposa Lily (*Calochortus weedii* var. *weedii*)

I always wondered why the yellow mariposa got the name *weedy* while the pink mariposa was called *splendid*. That was until I was informed it was *Weed's*, named after the person who identified it. It is a beautiful plant that tends to bloom as the splendids are starting to fade.

While hiking along Razor Point Trail, you will notice they are appearing in different places than are occupied by the splendid mariposa. Though the splendid can vary in depth of color, no two Weed's flowers are exactly alike. The petals have hairs and are different shades of yellow with reddish-brown borders and flecks. It is native to the coast, foothills, and mountains of Southern California and Baja California. It can be found along the park road between Guy Fleming and West Overlook, and along the coastal sage scrub areas of most trails. July will be the peak time for the plant to bloom.



CEED: Volcan Mountain Hike

by Mukesh Mehta

For the June 14 CEED hike, 15 docents carpooled east out of the June gloom up the sunny slopes of Volcan Mountain, where the Volcan Mountain Foundation (VMF) owns and manages nearly 400 acres. We were graciously greeted at the main gate by VMF docent Janice Smith, who led us to the Volcan Mountain Nature Center, a beautiful log cabin among the giant cedar, Douglas fir, and redwood trees. Using an impressive 3-D wood model of Volcan Mountain's topography, Janice pointed out three watersheds that flow 55-60 miles west to the coast. She said that the Kumeyaay called the mountain *Ha-ha-che-pang*, "the place where the waters come down."

A short walk from the Nature Center, near a pleasant-sounding stream, Janice showed us a redwood tree whose bark had been rendered soft and furry by mountain lions or bobcats using their claws to scratch and stretch. We saw a 500-plus-year-old "Grandmother Oak" that had been attacked by the golden oak borer beetle, which enters cracks in the bark, lays eggs, and leaves a D-shaped hole. Janice led us through the "Enchanted Forest" of giant chain ferns, chickweed, miner's lettuce, and a huge "loveliness of ladybugs" (as ladybug clusters are called).

From the Nature Center, we drove up to our lunch spot, a large circle of log benches surrounded by towering incense

cedars. Along the way we saw lupines, black oak, cattails, and running water. The celestial sounds of Black-headed Grosbeak, Western Wood-Pewee, and Spotted Towhee reverberated in nature's amphitheater.

After lunch, we continued the hike. Along the side of the trail we came upon wild strawberry and boysenberry fields just in time for a quick dessert. Deep-red winecup clarkia appeared to be shouting "Look at me!" among the white yarrow, fairy lanterns, and popcorn flowers. With all this beauty, there was a gauntlet of poison oak and stinging nettles blocking the overgrown trail. Our leader battled them with gloves and clippers in hand, clearing the way through the jungle. Even then, docents warned of poison oak and nettle hanging low or protruding across the trail.



After trekking across what seemed like a tropical rainforest, we reached a clearing. Breathtaking views of Cuyamaca Peak, Tecate Peak, Mount San Miguel, El Capitan, Mount Woodson, and the village of Julian graced us. It was all well worth it, a reward for our climb to the top of Volcan Mountain.



Group photo by Janice Smith

Torrey Pines Book Club

Torrey Pines Book Club

We will continue to meet via Zoom at our regularly scheduled time: the second Tuesday of each month at 1 pm. Please notify **Annette Ring** if you plan to participate or need any extra help getting connected.

When: Tuesday, July 11, 1:00 pm

What: *Bicycling with Butterflies: My 10,201-Mile Journey Following the Monarch Migration* by Sara Dykman

All TPDS docents are welcome. Meetings usually last a couple of hours.

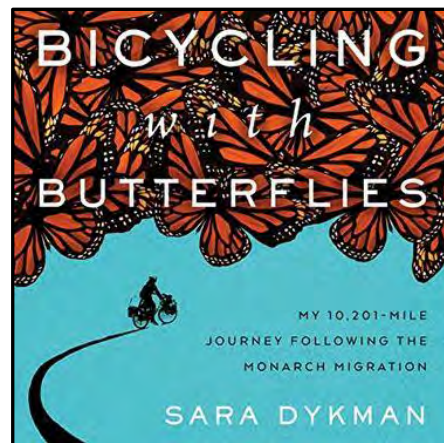
Amazon says:

Sara Dykman made history when she became the first person to bicycle alongside monarch butterflies on their storied annual migration—a round-trip adventure that included three countries and more than 10,000 miles. Equally remarkable, she did it solo, on a bike cobbled together from used parts. Her panniers were recycled buckets.

In *Bicycling with Butterflies*, Dykman recounts her incredible journey and the dramatic ups and downs of the nearly nine-month odyssey. We're beside her as she navigates unmapped roads in foreign countries, checks roadside milkweed for monarch eggs, and shares her passion with eager schoolchildren, skeptical bar patrons, and unimpressed border officials. We also meet some of the ardent monarch stewards who supported her efforts, from citizen scientists and researchers to farmers and high-rise city dwellers.

With both humor and humility, Dykman offers a compelling story, confirming the urgency of saving the threatened monarch migration—and the other threatened systems of nature that affect the survival of us all.

August 8: *The Covenant of Water* by Abraham Verghese



Torrey Pines Docent Society Bird Survey: July 2023

Number of species: 62
(+3 other taxa)

Gadwall 39

Mallard 3

Surf Scoter 38

Long-tailed Duck 1

California Quail 9

Eurasian Collared-Dove 2

Mourning Dove 50

White-throated Swift 9

Anna's Hummingbird 17

Allen's Hummingbird 5

hummingbird sp. 3

American Coot 2

Killdeer 2

Western Gull 19

California Gull 7

gull sp. 10

Caspian Tern 6

Royal Tern 1

tern sp. 6

Brandt's Cormorant 7

Double-crested Cormorant 14

Brown Pelican 188

Great Blue Heron 1

Great Egret 5

Snowy Egret 2

Green Heron 1

Osprey 1

Cooper's Hawk 2

Red-shouldered Hawk 1

Red-tailed Hawk 3

Great Horned Owl 2

Nuttall's Woodpecker 10

American Kestrel 3

Pacific-slope Flycatcher 1

Black Phoebe 4

Ash-throated Flycatcher 7

Cassin's Kingbird 4

Hutton's Vireo 4

California Scrub-Jay 10

American Crow 12

Common Raven 17

Northern Rough-winged

Swallow 17

Cliff Swallow 3

Bushtit 63

Wrentit 64

House Wren 7

Bewick's Wren 23

California Thrasher 23

Northern Mockingbird 18

Western Bluebird 1

Phainopepla 1

Scaly-breasted Munia 3

House Sparrow 6

House Finch 92

Lesser Goldfinch 38

Dark-eyed Junco 3

Savannah Sparrow 6

Song Sparrow 28

California Towhee 84

Spotted Towhee 42

Yellow-breasted Chat 2

Hooded Oriole 2

Red-winged Blackbird 25

Orange-crowned Warbler 15

Common Yellowthroat 9

Observers: Donna

Mancuso, Nancy

Richardson, Gary

Grantham, Kathy Estey,

Andy Rathbone, Steve

Neal, Marty Hales

View this checklist online at ebird.org/checklist/S141882377

Herb Knufken's amazing photo gallery, including many birds, may be found here: pbase.com/herb1rm



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