



TORREYANA

THE DOCENT NEWSLETTER FOR
TORREY PINES
STATE NATURAL RESERVE

Issue 460

November 2023

A Pioneering San Diego Botanist

by Dan Hammer

At the October meeting, Dr. Kellie Uyeda, a research scientist at the Tijuana River National Estuarine Research Reserve and lecturer in coastal ecology at UCSD, told a small crowd of docents about the pioneering field work of San Diego botanist Edith Purer and how “community scientists” can help carry on this important research.

Dr. Purer (1895-1990) was a prolific botanist, plein air painter, published scientist, and botany teacher. Dr. Uyeda noted that in the 1930s and 40s, when Dr. Purer did most of her field work, it was not common for women to earn PhDs, but the general thinking was that botany was “just plants,” so the rest of society didn’t take her seriously. University professorships were generally out of reach for women, so she started teaching botany at San Diego’s Hoover High School. Dr. Uyeda said, “I don’t know whether that was what she set out to do when she earned her PhD, but that was the job that was available, and she made the most of it.”

Between 1931 and 1940, Dr. Purer collected more than 5,000 plant specimens from more than 1,800 taxa. She pressed and mounted these plant samples for herbariums (plant libraries), adding information about each plant including where and when it was collected. She also made beautifully detailed drawings of plants, including above- and below-ground parts of the plants as well as their molecular structure.

Though she did most of her work in San Diego, she traveled far and wide – from Alaska and Canada to Baja California



DR. EDITH A. PURER

Docent General Meeting

Date: Saturday, November 11, 9:00 am

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

Speaker: Jack Innis

Topic: The Torrey Pines Hermit

For nearly two decades beginning in the early 1970s, a religious hermit and artist lived in a two-room, hand-dug cave in a hidden corner of Torrey Pines State Natural Reserve. Local historian and author Jack Innis will present the story of Nick Connell, show images of the cave, and display an original piece of art that Nick removed hours before the cave was sealed.

Jack is a San Diego Press Club award-winning journalist who has written extensively on the wonderful history of San Diego. Jack will bring autographed copies of his book *San Diego Legends 2nd Edition* (with a chapter devoted to the Torrey Pines Hermit) to the meeting, available for purchase for \$15.

Refreshments: Docents with last names beginning with **P, R, S** will be responsible for providing snacks for this meeting.

and the eastern United States – collecting plant specimens. And though she focused mainly on salt marshes, she also collected plants and published papers on vernal pools and sand dunes, including an early booklet on “Plants of Silver Strand Beach State Park.”

Bush poppy collected by Dr. Purer at Torrey Pines



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TP Conservancy: torreypines.org

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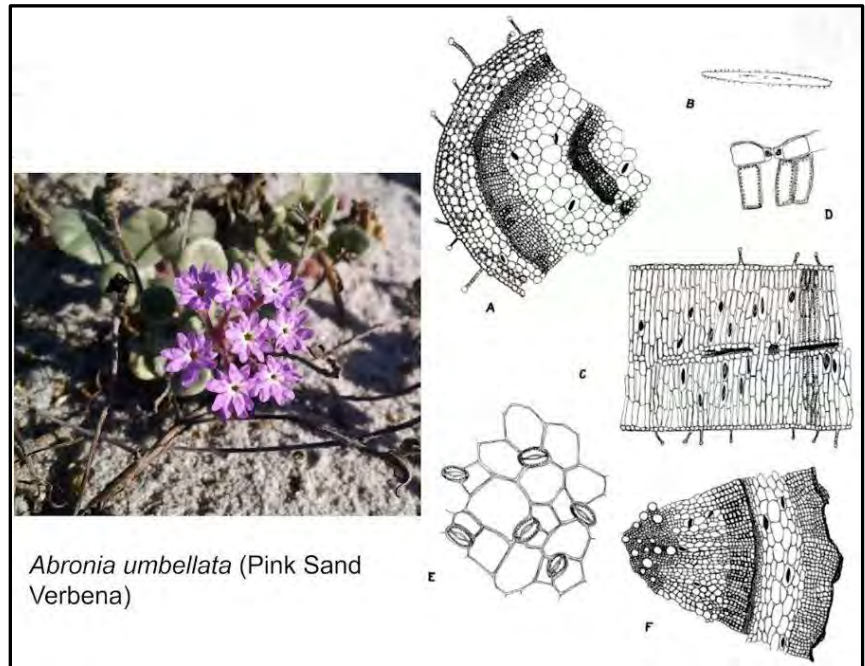
Interpreter 1: Louis Sands

Sr. Interpretive Park Aides: Vanessa
Brock, Laura Chaing, Lila Beth Scott, and
Zuzana Volny

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



Abronia umbellata (Pink Sand
Verbena)

Dr. Purer's drawings of Pink Sand Verbena

In focusing her research on estuaries, Dr. Purer became the first scientist to write down anything about the salt marshes of Southern California. She explored all 11 estuaries in San Diego County and wrote detailed descriptions of each one, carefully documenting their diversity of species and conditions for plant life.

Estuaries – where rivers meet the sea – provide important habitat for birds, fish, and unique plant species. They are also increasingly recognized for their value in carbon capture.

Estuarine salt marshes are characterized by intertidal habitat that is alternately submerged by high tides and exposed during low tides. This creates extreme conditions for plants: Dr. Uyeda said, "Imagine if your tomato plant were covered in salt water for six hours at a time – it would be dead pretty soon." These extreme conditions mean that biodiversity is limited in salt marshes, but the highly specialized plants that can grow there have developed amazing adaptations to stress.

Since Dr. Purer's day, extensive urban development has led to an enormous loss of estuarine habitat – anywhere from 50 to 90 percent, according to various studies. These systems still exist and still support characteristic flora, but some species have been locally extirpated while others can no longer be found where Dr. Purer located them.

Though California cordgrass (*Sporobolus foliosus*) can be found in some local salt marshes, it was long thought to have disappeared from Los Peñasquitos Lagoon. (This species provides vital habitat for the endangered Ridgway's Rail.) But then Darren Smith, California State Parks senior environmental scientist, found a stand of cordgrass here. After Darren posted photos and information on the iNaturalist website, Dr. Uyeda and her students kayaked around the lagoon and found more.

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Subsequently one student, Rebecca Stiling, visited all 11 of Dr. Purer's research sites to document which species still occurred in each estuary. She found many of them in their original sites, but some (though found in other estuaries) had been locally extirpated while others are now presumed completely absent from coastal San



California cordgrass at Los Peñasquitos

Diego County. Two species – California cordgrass and dwarf coastweed (*Amblyopappus pusillus*) of Mission Bay – had been presumed locally absent but were successfully located in their original sites.

Dr. Uyeda then encouraged us all to “follow in the footsteps of Dr. Purer” by using iNaturalist to identify plant species and share information with the scientific community. As most docents know, the iNaturalist website and mobile app enable any “community scientist” to upload photos and descriptions of flora and fauna, crowdsource identifications, and help scientists and resource managers understand where and when organisms occur.

Dr. Uyeda said that crowdsourcing plant identifications through conversations on iNaturalist enables us to share information and expertise. She related how one such extended conversation helped her correct a posting where she had misidentified a plant. “This greatly speeds the process and improves the accuracy of our identifications.”

With iNaturalist, getting involved in identifying plants is fun and easy, and you don't even have to know what you're observing. Dr. Uyeda's main tip for getting your observations identified is to make the first photo you post clear and detailed – a closeup rather than a long landscape shot. Often within minutes, someone will begin a conversation that leads to identifying the plant. She said that Dr. Jon Rebman of the San Diego Natural History Museum identifies hundreds of plants a day by just opening iNaturalist and scrolling through thumbnail photos. If he can identify a plant immediately, he does; if not, he moves on to the next photo.

Returning to the loss of salt marsh habitat, Dr. Uyeda concluded on a happier note: “We all have the good fortune

of being in a time when marshes are finally valued for the immense ecological services they provide, and restoration projects are underway throughout southern California.” Dr. Purer watched San Diego lose its marshes, but now we can see marshes being restored. By documenting biodiversity, we increase understanding of how plant communities have changed and how best to conserve them.

Dr. Uyeda invited anyone who wants to get more involved with salt marshes to participate in Love Your Wetlands Day on February 3, 2024, at Kendall-Frost Marsh. For more information, [click here](#).

If you missed Dr. Uyeda's presentation or want to see it again, [click here](#).

For an introduction to iNaturalist, [click here](#).

General Meeting Minutes October 14, 2023

President **Matt Xavier** called the meeting to order at 9:03. Thirty-five docents attended.

Bonus: Several docents brought special glasses for viewing the partial eclipse that occurred this morning. The glasses were passed around, and many docents got a view of the eclipse.

Speaker: Dr. Kellie Uyeda on Dr. Edith Purer, an early botanist who recorded the ecology of San Diego salt marshes, and the recent development of community scientist platforms such as iNaturalist (see article on pg. 1).

Komen Walk:

Joan Simon, speaking for **Ann Smith Mercandetti**, announced that Komen Walk participants will be coming through the Reserve on **Friday, November 17**. Twenty docents are needed to monitor the walkers, to keep them from eating, wearing feathers and playing loud music while they are in the Reserve. In past years, the monitors have done a fabulous job keeping the Reserve clean and cheering on the walkers. Contact Ann if you would like to help monitor this event. (See article on pg. 7.)

Docent of the Month:

Congratulations to our DOM, **Mukesh Mehta**, class of 2023, who helps to coordinate CEED events, contributes to the *Torreyana*, is a Lodge, TIK and BLIK host, and a member of the Seabees and Museum Committee. (See article on pg. 5.)

Refreshments

Marian Edelbrock thanked the docents helping in the kitchen and those who brought food. November meeting snack providers are those with last names starting with **P, R, S**.

Ranger Request Regarding Parking

Matt passed on a message from the rangers asking docents not to park in red marked places as this is where emergency and other vehicles need room for passing. Especially on weekends and holidays, docents are asked to park in the docent area on the park road, not in the visitor parking lots.

BLIK

The BLIK is open on Friday, Saturday, and Sunday from 10 to 2. Sign up on Better Impact.

Museum Committee

Gabriele Wienhausen told us a taxidermist had been found to provide a new woodrat, although the specimen will not be delivered for six months. The Museum also needs a raven. The committee is still looking for new members, especially those interested in taxidermy. The committee plans to teach members how to clean, care for, and display taxidermy. Touching specimens by visitors will cease, and pelts will be obtained for touching. Lanterns for the outside lighting, similar to those originally used when the Lodge was built, will be purchased and installed soon. We are also purchasing a Los Peñasquitos Canyon Watershed model.

Some items are missing from the Museum, most importantly the gray whale baleen. Anyone returning a missing item will be granted complete amnesty. A Museum sign-out system is being created so that docents can take out items from the Museum for special events.

Holiday Basket Making

Margaret Pluth announced she will offer an additional basket making class on October 23. She is having trouble locating the correct type of twine she needs; please contact her if you know of a source for the twine.

Contact **Medi Denker** if you would like to order a docent badge or T-shirt.

Nominating Committee

Steve Neal presented the slate of members nominated for next year's board, which includes all of the members of the current board. Docents who have additional questions/nominations should contact him. The docent membership will vote on the 2024 board at the next general meeting on Nov 11. (See article on pg. 6.)

Wannabees: Prof. Josh Cohn will speak on his research concerning how honey bees harm the vitality of native bees on October 28 at 1 pm at the Children's Pavilion.

Docent of the Year

Please submit your nomination for DOY by November 7 by email to **Matt Xavier**.

TPSNR Flora Report

Two reports documenting several field studies at the Reserve in 2023 are now posted on our password-protected website. The reports (bolded titles) can be accessed via the Docent Login page: torreypine.org/volunteering/docentlogin/docentdocs/docent-docs-contributed/

One of the authors of the study, Jon Rebman, will present the results at our February general meeting.

Annual Holiday Potluck and New Docent Graduation

Remember to mark your calendars for our annual pot luck holiday celebration, to be held on December 9 in the North Beach parking lot (see pg. 6). More details will be coming.

Children's Program

The Children's Program continues to be very successful, with a focus on serving Title I schools. More docents are needed to fill hike leader spots in order to keep groups small on the trail. Please contact Louis Sands or **Janet Ugalde** if you would like to join the group.

Children's Program

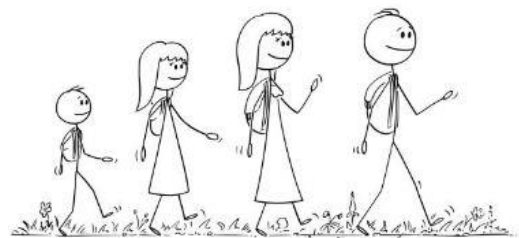
by Janet Ugalde, Program Director

We are off to a good start this school year. We have plenty of enthusiastic students and teachers, but not quite enough walk leaders and presenters.

Some of you have mentioned you are unaware of the many refresher tools available to you online. Thanks to Senior Park Aide Zuzana Volny, we now have easy access to outstanding Children's Program and other training videos and materials. Here are step-by-step instructions:

- 1- Go to torreypine.org
- 2- Click on Volunteering, then Docent Login
- 3- Type in our usual TPDS password, beginning with Charles...
- 4- Under "Welcome Class of 2024" select training videos. Then choose from many options in the lower part of the page.

We look forward to your future contributions to our awesome Children's Program!

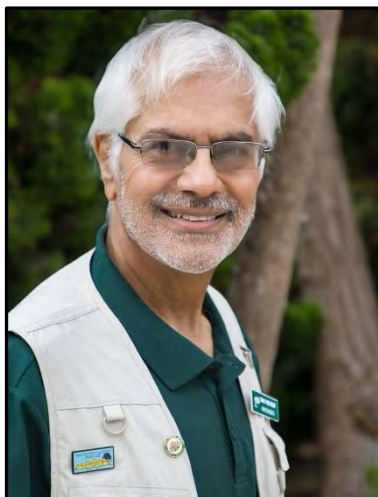


Docent of the Month:

Mukesh Mehta

Photo by Herb Knufken

My love and curiosity for nature and the outdoors began in the Great Rift Valley of East Africa. I was born in the Western Highlands of Kenya, a British colony at that time. My grandfather and later my parents had emigrated to Kenya from India. Second youngest of nine children, I spent all my free time playing outside, climbing trees, going down to the river and tropical forest, watching birds and tadpoles - and not catching them.



We moved to London in 1970, a striking contrast to the Rift Valley. After going on school geography and geology field trips to the Yorkshire Dales and the Lake District in northern England, I knew I wanted to pursue my undergraduate studies in geology. My final year university geological mapping project was in Norway, in an area that had not been mapped. I graduated with a B.S. in geology, with honors, from London Metropolitan University. I was hired out of college to work in Scotland and then in the Ivory Coast, working offshore on oil exploration drilling rigs.

After moving to California in the late 80s, I continued my career in environmental and engineering geology. I passed the State of California Geology Board exams and received my licenses as Professional Geologist (PG) and Certified Engineering Geologist (CEG). I performed geotechnical and environmental field investigations for new hospitals, schools, bridges, and residential and large commercial buildings. For several years prior to retiring, I was managing environmental clean-up projects consisting of large plumes of volatile organic and other hazardous compounds in the soil and groundwater. While managing projects, schedules, budgets, and spreadsheets, I had little time to spend outdoors.

I am pleased to have joined such a wonderful, positive and spirited group of docents as part of the class of 2023. In addition to working at the TIK, Lodge, and BLIK, I joined the Seabees and helped build the BLIK structure. I have learned so much from all the seasoned, fun groups of docents with their interesting life experiences and practical wisdom. I have also helped organize CEED hikes and written articles after each walk for the *Torreyana*. Working with the editors of the *Torreyana* has been very rewarding and a great learning experience, and I appreciate how much work goes into each newsletter.

With encouragement from **Pao Chau** and **Barbara Wallach** (who lead the OAKS Walks), I led a geology beach walk from the South Beach parking lot to Flat Rock in August following the general meeting on that topic. To my astonishment, there were 27 docents who got up very early to attend the walk. I have also joined the Museum Committee and am working on procuring new lanterns for the Lodge that will resemble the original 1923 lanterns depicted in historic photos.

This is a reminder to log your service hours in Better Impact.

You will need a minimum of 84 Hours to retain Active membership status in the Torrey Pines Docent Society for 2024.

If your status is currently Associate and you will have completed 84 Hours by the end of the year, your status will be converted back to Active for 2024. If you will not have 84 service hours by the end of the year and wish to remain in the TPDS, we will have a form for you to request an extension of your Associate membership for next year.

If your status is currently Active and you can't fulfill your 84 hours requirement by the end of the year, you will need to fill out a request to remain in the TPDS with Associate status for 2024.

If you will be completing your 10th year as Active docent by the end of the year, please send an email to membership@torreypine.org requesting lifetime membership.

Your TPDS volunteer hours may also qualify you for the CA State Parks Volunteers In Parks (VIP) parking pass. A minimum of 100 hours is required. State Parks will use the hours you log in Better Impact to determine whether you qualify for a VIP pass and will mail the VIP pass to you.

Docent Holiday Party Potluck

Save the date.

When: Saturday, December 9

11:00 am to 1:00 pm

Where: North Beach parking lot, off of Carmel Valley Rd.

We hope you will join us for our annual holiday celebration! There will be a short business meeting to honor our new docent class of 2024, followed by a potluck. Please bring a dish to share (appetizer, main dish, or dessert).

A reminder, further details and RSVP link will be sent out shortly after Thanksgiving.

TPDS Board Nominations for 2024

The Nominating Committee, consisting of **Frank Burham, Medi Denker, Steve Neal, Myrna Trust, and Janet Ugalde**, has selected the following docents to serve as 2024 board members for the Docent Society. They are:

President: **Matt Xavier**

Vice President: **Harry Proctor**

Treasurer: **Lynne Truong**

Secretary: **Rosemary Wareham**

At-Large: **Roger Isaacson**

At-Large: **Lisa Kakone**

At-Large: **Gary McCook**

At-Large: **Evelyn Vance**

At-Large: **Gabriele Wienhausen**

This slate of directors was presented at the October 14 general meeting and will be voted on by the membership at the November 11 annual meeting. Nominations may be made from the floor at the meeting (with seven days' prior notice). A candidate nominated must be a voting member in good standing and consent to the nomination.

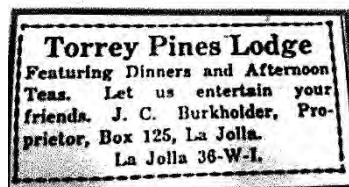
It All "Ads" Up

by Judy Schulman, TPDS Historian

This is the eleventh in a series of articles by Judy Schulman about Torrey Pines Lodge, whose 100th anniversary was celebrated on April 8, 2023.

Soon after it opened, the Torrey Pines Lodge became a very popular place to dine for lunch or dinner. For a restaurant to be successful, it needs not only good food and a great location (both a definite here) but also some marketing. The best source of marketing came from newspapers in the form of either articles or advertisements. Both of these helped to put the Lodge into readers' awareness and keep it there.

Before the Lodge opened, there were articles mentioning that it would serve food. A review of newspaper articles written after the opening shows that it was a popular place for weddings and wedding receptions, birthday parties, and anniversary dinners. It was also used as a meeting place for luncheons and dinners by art clubs, bridge clubs, equestrian clubs, school groups, sororities, and professional clubs. The Natural History Museum had monthly excursions that mentioned the availability of food.



The first actual ad I could find was from the *La Jolla Light* and *La Jolla Journal* dated 2/23/1923. This was before the actual opening. It was a small ad (about 1 x 1.5 inches) buried

in the middle of a page.

Ads later appeared in the *San Diego Union*, *San Diego Evening Tribune*, *Los Angeles Times* and *Los Angeles Evening Express*. There was a multi-fold pamphlet created by John Burkholder, the first proprietor. It had four photographs of the area with information about the park. It also showed the Lodge's menu and serving times.

There was also a bookmark-like handout (right) with a condensed version of the information above.

Burkholder also created postcards. Many that I have collected mention how good the food was. This was another way to spread the news around the country about the restaurant. I can just smell the fried chicken and taste the delicious pastries as I write this.



Museum Shop Spotlight

by Nancy Walters

After a long hiatus, the Museum Shop is pleased to offer a selection of lovely ceramic dishes from our talented docent **Arline Paa**! There are a number of shapes and sizes from which to choose, and we hope you'll come in to see them before they're all gone.

We also have a new product to introduce: a small fanny pack with the State Parks logo on it. We think this will be a popular item with visitors and docents alike. Remember to visit the shop when you're looking for holiday gifts!



Susan B. Komen Walkers Come to Torrey Pines Again

by Ann Smith Mercandetti

Friday morning, November 17 is the date thousands of Susan B. Komen walkers from all over the United States will gather at the Del Mar Fairgrounds, where they will begin their 60-mile trek to raise money for breast cancer. That morning, the walkers will walk through Torrey Pines State Natural Reserve, making a food/pit-stop in the South Beach parking lot before heading up our big hill.

Many walkers, even after the opening ceremonies and their stop in the south parking lot, seem unaware of the eating/trash restrictions within the Reserve. It takes four docents, who stay at the bottom of the hill, to keep walkers from entering the Reserve while eating or wearing pink feathers, or listening to loud music.

TP docents are spaced along the 1.5-mile road through the Reserve, holding photo posters and encouraging the walkers. They have had an *enormous impact* on the amount of trash and feathers left within the Reserve since we began monitoring the walkers in 2013.

The goal is to have 20 docents in nine locations spread out along the park road to welcome and remind walkers not to eat within the Reserve. This means getting up early, but the

“payday” is an incredibly positive event for the walkers *and* keeping the Reserve free from litter and food. The walkers are usually through the Reserve by around 10:30 am.

Please contact **Ann Smith Mercandetti** at the email address/phone number listed in the TPDS Roster if you would like to help!

Photo News



For almost 15 years, the Eli Lilly company has been sending a group of volunteers to Torrey Pines as part of its International Day of Service. On Sept. 28, twenty-five volunteers joined the Whacky Weeders in cutting down a field of fennel at the east end of the Marsh/Flintkote Trail. Photo by Peggy Blessing



Expert whale presenter Jane Barger at the BLIK on October 5, 2023. Photo by Lillian Lachicotte

What's On the Beach? Migrating Shorebirds

by Kathy Dickey; photos by Herb Knufken

This month we are amid the fall migration for **shorebirds**. San Diego is on the path of the Pacific Flyway migration route (see abcbirds.org/blog/north-american-bird-flyways/), with many bird species coming to feed and rest before they complete their flight to their final winter grounds (sometimes as far as South America). Nearly all shorebirds have a preference for wet habitats and shorelines, so expect to see them along our beach and lagoon. They are often in flocks of mixed species.



Are you seeing flocks of those cute and plump, little (7 to 8 inches), whitish birds with short bills and legs that prod and feed in the wet beach sand, chasing along with the waves? Lots of folks call them sandpipers, and they are indeed a member of the sandpiper family, but they are **Sanderlings** (*Calidris alba*). They love to eat sand crabs. They have traveled thousands of miles south from the Arctic tundra to get here. Some surveys show an 80% drop in numbers in the Americas since the early 1970s. So please don't let your kids or dogs chase them!

We will now focus on three common, much larger shorebirds (also in the sandpiper family) that can be found on our beach or lagoon, starting with the **Marbled Godwit** (*Limosa fedoa*).



In my very early birding days, I remembered this one because its bill pointed up to God ("God"wit), while the bills of the other two similar-sized shorebirds (described below) curved down. The bird's long (3- to 5-inch) bill is interesting if you see it close up, with pink at the bottom and dark black at the tip. The bird is about 18 inches long, with long legs and a dark barred, brown or cinnamon color. They poke into the wet sand or mud looking for invertebrates, worms, insects, plant tubers, or small fish to eat. They will forage in water up to 5 inches deep and sometimes will submerge their heads. Marbled Godwits breed in the northern plains and the Alaskan peninsula.

The following two birds are (almost) look-alikes to the Godwits and each other from afar. But if you look closely, their bills curve down, not up. The largest bird in the sandpiper family, the **Long-billed Curlew** (*Numenius americanus*), can be 20 to 25 inches long, light brown, with a bill as much as 8 inches long that curves down. The immense size of the bill makes the head look very tiny. As with many other sandpiper species, the female's bill is



longer than the male's. They eat mostly insects, crabs, and worms. An advantage for them is that some of the worms are so deep in the mud or sand that other shorebirds can't reach them. They breed in the summer in the prairie lands of the U.S. and Canada in small holes they scrape in the dirt, and they are very protective of their eggs and young. The young are precocious and can walk almost immediately after they hatch.

The **Whimbrel** (*Numenius phaeopus*) is often mistaken for a Long-billed Curlew, but it is smaller (15 to 19 inches), with a smaller bill (3 to 5 inches) and a white supercilium (eyebrow). The bird is also common in Europe and Asia. In 2020, the bird in North America was given the Latin name *Numenius hudsonicus* due to its drab brown appearance and brown (not white) rump. They eat mostly insects and crabs (especially sand and hermit crabs) and worms. During summer they breed in the tundra and arctic forests of Alaska and Canada. The young can feed themselves almost immediately after hatching. As they migrate to their winter

grounds, they form large flocks and are very protective of good feeding areas.



References:

allaboutbirds.org/guide/

wikipedia.org/wiki/

Unitt, Phillip. *San Diego Bird Atlas*. Sunbelt Publications. 2004



Elfin Forest - One Brief Moment

by Rhea Bridy

Find your inner child in light and shadow, in spider-webbed branches, in dappled foliage, in the smallest treasure of tiny acorns and a crackled-leaved and soft, sandy path.

For one brief moment, if you are very lucky, and slow way down, the tiny young wren may chirp ... its eyes opened wide, unafraid, its head cocked, already examining your calm greenly presence.

For one brief moment, serenity.

Below: Sneak peek at the Class of 2024 on a training hike.

Photo by Janet Ugalde



Torrey Pines Book Club

We will continue to meet via Zoom at our regularly scheduled time. Please notify **Annette Ring** if you plan to participate or if you need any extra help getting connected.

When: Tuesday, November 14, 1:00 pm

What: *An Immense World: How Animal Senses Reveal the Hidden Realms Around Us* by Ed Yong

Amazon says:

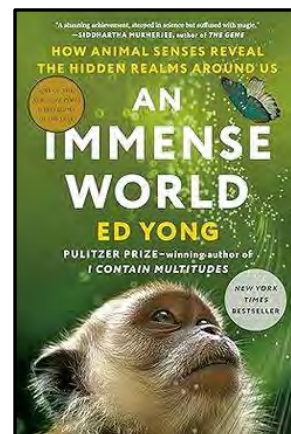
The Earth teems with sights and textures, sounds and vibrations, smells and tastes, electric and magnetic fields. But every kind of animal, including humans, is enclosed within its own unique sensory bubble, perceiving but a tiny sliver of our immense world.

In *An Immense World*, Ed Yong coaxes us beyond the confines of our own senses, allowing us to perceive the skeins of scent, waves of electromagnetism, and pulses of pressure that surround us. We encounter beetles that are drawn to fires, turtles that can track the Earth's magnetic fields, fish that fill rivers with electrical messages, and even humans who wield sonar like bats. We discover that a crocodile's scaly face is as sensitive as a lover's fingertips, that the eyes of a giant squid evolved to see sparkling whales, that plants thrum with the inaudible songs of courting bugs, and that even simple scallops have complex vision. We learn what bees see in flowers, what songbirds hear in their tunes, and what dogs smell on the street. We listen to stories of pivotal discoveries in the field, while looking ahead at the many mysteries that remain unsolved.

Funny, rigorous, and suffused with the joy of discovery, *An Immense World* takes us on what Marcel Proust called "the only true voyage . . . not to visit strange lands, but to possess other eyes."

All TPDS docents are welcome. Meetings usually last an hour and a half.

December 12: *Cutting for Stone* by Abraham Verghese



Torrey Pines Docent Society Bird Survey: October 2023

Number of species: 70
(+1 other taxa)

Cinnamon Teal 7
Gadwall 1
Mallard 15
California Quail 1
Mourning Dove 32
White-throated Swift 43
Anna's Hummingbird 49
Allen's Hummingbird 10
Virginia Rail 1
Killdeer 4
Long-billed Curlew 12
Least Sandpiper 5
Willet 8
Heermann's Gull 30
Western Gull 29
California Gull 5
gull sp. 3
Forster's Tern 3

Brandt's Cormorant 4
Double-crested Cormorant 7
Brown Pelican 20
Great Blue Heron 1
Great Egret 8
Snowy Egret 21
Green Heron 1
White-faced Ibis 28 Most of
the birds were in a flock of 20
flying over marsh and lagoon.
Cooper's Hawk 6
Red-shouldered Hawk 6
Red-tailed Hawk 3
Nuttall's Woodpecker 8
Northern Flicker 5
American Kestrel 8
Merlin 1
Peregrine Falcon 5
Pacific-slope Flycatcher 2
Black Phoebe 19
Say's Phoebe 5
Cassin's Kingbird 16

Hutton's Vireo 4
Loggerhead Shrike 1
California Scrub-Jay 15
American Crow 62
Common Raven 32
Bushtit 73
Wrentit 101
Ruby-crowned Kinglet 7
Red-breasted Nuthatch 4
Blue-gray Gnatcatcher 6
California Gnatcatcher 12
House Wren 37
Bewick's Wren 33
California Thrasher 16
Northern Mockingbird 4
Hermit Thrush 2
Scaly-breasted Munia 19
House Finch 147
Lesser Goldfinch 51
Dark-eyed Junco 13
White-crowned Sparrow 42
Savannah Sparrow 9

Song Sparrow 66
Lincoln's Sparrow 1
California Towhee 93
Rufous-crowned Sparrow 1
Spotted Towhee 21
Western Meadowlark 30
Red-winged Blackbird 4
Orange-crowned Warbler 19
Common Yellowthroat 29
Yellow-rumped Warbler 68
Western Tanager 1

Observers: Andy
Rathbone, Donna
Mancuso, Marty Hales,
Gabriele Wienhausen,
Tsaywei Olee, Kathy
Estey, Debbie Regottaz,
Robert Turner, Manolo
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View this checklist online at ebird.org/checklist/S152636255

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



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