



The Goby

San Diego Underwater Photographic Society

Volume 59 Issue 2

Established 1961 - <http://www.sdups.com>

February 2020

President's Message

SDUPS Members

The beginning of every new year is always a busy time for SDUPS. There are many upcoming events that members will be participating in. It is my hope that many of you will get involved in one or many of these events.

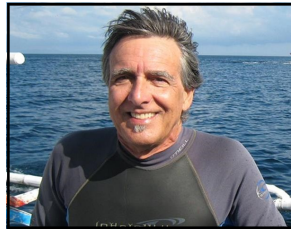
One of the important events for our club is our 51st Annual SDUPS Film Festival. The free festival will be held on April 25th at Sumner. I've come up with a theme for my show and have started to get my images together. It's not too early to get going on your project. We need twenty films for the evening's show so we ask for your help. Let us know if you need any assistance. See page four for more information.

Another event for us to get involved in is the Photography Show at the San Diego County Fair. The deadline for submissions is April 10th. I've seen some beautiful images in our monthly competitions that could be potential winners at the fair. There are cash prizes for the top three winners. It looks like we have representatives from the fair speaking at our next meeting. Should be very informative and will answer questions you might have. Information and a link can be found on pages six & seven.

The SCUBA Show in Long Beach is the weekend of May 30th & 31st. Our club will participate along with a couple of U/W photo clubs in the LA area. We will have an exhibit of images taken by club members showcased as patrons of the show enter the Convention Center. Again, let's show off what we can do!

A couple notes of congratulations. First to member **Mike Couffer** who had a scientific paper published. See page ten. Secondly to **Greg Volger** for his beautiful white-sided dolphin image that was featured in the "Best Shot" section of *California Diving News*. I keep saying, we have some very talented people in our club.

Until next time, Safe Diving - Mike Poirier - President



SDUPS MEETING January 23rd

Our first SDUPS Meeting for the new 2020 year was well attended. Our new President, Mike Poirier, opened the meeting with "Show & Tell". Members submitted images and video of recent exploits. **Jacki Patay** showed video of a bottom shark off of La Jolla Shores. **Matt Meier** had images he had taken of different Octopus in Lembeh Strait. **Dick Miller** presented a short video of an editing app for cell phones. Thank you all for sharing.

Mike then asked for visitors to introduce themselves. It's always nice to have new people come to see what we're all about.

The competition, "Best of 2019", was up next and as you can see on the next few pages, some great images were taken last year.

Our first presentation was by member **Matt Meier**. Matt had spent a

(Continued on page 5)

Internet Corner - Mike Poirier - Competitions



With the San Diego Fair Photo Competition coming up this summer, it's a good idea to find some tips on how to submit a winning image. Some of these tips will even be pertinent to our own monthly club competitions. I've always found it fun to enter a photo competition but one thing I've learned is to not take the contest too seriously. The first few times I entered a competition and wasn't selected in the first round or maybe selected but didn't place, I was very disappointed. But I've come to realize that it's all a learning experience and win or lose it has always challenged me to be a better u/w photographer. Click on the link below for a few competition tips.

<http://www.divephotoguide.com/underwater-photography-special-features/article/quick-tips-winning-underwater-imaging-competitions/>

CALENDAR

February 27th 7:00 pm General Meeting at Sumner Auditorium

Competition - "Texture"

Presentation - **Lois Fong/Sakai & Gene Wild**, S. D. County Fair Photography Competition

Presentation - **Daina Buchner**, Whale Sharks on Bahia de los Angeles

Refreshments for the
February Meeting - **James Logan**

January Competition

- "Best of 2019"-

Bob Pooley - 1st Place Advanced



Matt Meier - 2nd Place Advanced



Greg Volger - 2nd Place Advanced



Bill Ring – 3rd Place Advanced



Dan Kestly - 1st Place Amateur



Erin Chandler - 2nd Place Amateur



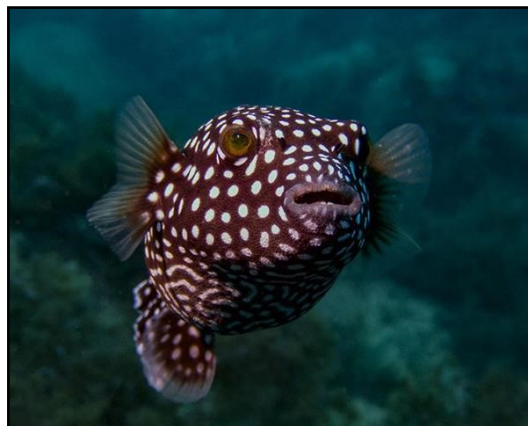
January Competition

- "Best of 2019"-

Robert Casagrand - 3rd Place Amateur



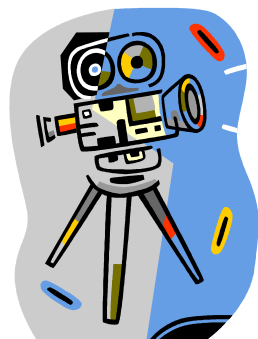
Any Baldwin/Granger - 1st Place Novice



Daina Buchner - 2nd Place Novice



Anna Madsen- 3rd Place Novice



January Video Competition

1st Place - **Bob Yin**

2nd Place - **Bob Pooley**

3rd Place - **Cindy Liphay**

SAN DIEGO UNDERWATER PHOTOGRAPHIC SOCIETY 51ST ANNUAL UNDERWATER FILM FESTIVAL



Saturday April 25th, 2020
Scripps Sumner Hall
8602 LaJolla Shores Drive
7:00 - 9:00 PM
Free Tickets Request:
sdupsfestival@hotmail.com

Poster by - Mike Poirier

Our 51st Annual SDUPS Film Festival is scheduled for Saturday April 25th. The free event will be held at Sumner Auditorium. I realize this is an early notice, but it's time to start thinking about putting together a still, video, or combination of both show. Your show can be of the travel log type, or maybe zeroing in on an undersea animal to show the audience. Use your imagination and put together something special and entertaining. We need at least **20 shows** for the two part evening event. Here are the general film guidelines:

1. All entries should be limited to 5 minutes long, not including titles or credits where underwater footage is not used. Absolute length including titles and credits may not exceed 5 minutes 30 seconds.
2. A Minimum of 50% of the footage must have been taken underwater.
3. Videos/images should not show deliberate harassment of the marine creatures unless this harassment is the ecological point of the video.
4. Please ensure that you have all rights to any media that is used in you presentation (s) such as music, visual footage, personal, copyright, or any other legal rights.
5. Files can be in the following formats: ProShow, .mov, mp4, mp2.

****April 5th** will be the deadline to submit film for the festival. Submissions can be brought to the March 26 SDUPS meeting on DVD/thumb drive or sent via dropbox to uwmike@att.net. Any questions can be directed to the same email address.

Deadline for submissions: **APRIL 5th**

SDUPS Film Festival - 2020

Photo by Mike Poirier



Christmas Tree Worms: The common name for these worms is derived from their appearance with beautiful, spiraling plumes that resemble a fir tree, not their habitat or diet.

The “Christmas tree” shape shown in the image is the animal’s radioles, which can be up to about 1 1/2 inches in diameter. Each worm has two of these plumes, which are used for feeding and respiration. The rest of the worm’s body is in a tube in the coral, which is formed after the larval worm settles on the coral and then the coral grows around the worm.

The worm’s legs (parapodia) and bristles (chatae) protected within the tube are about twice as large as the portion of the worm visible above the coral. This marine worm lives on tropical coral reefs around the world.

Christmas tree worms come in a variety of bright colors. They aren’t very big, averaging about 1.5 inches in length. However, because of their distinctive shape, beauty, and color, these worms are easily spotted. They are some of the most widely recognized polychaetes, or marine burrowing, segmented worms out there.

The Seuss-style plumes you see above – which come in an array of color morphs – are called “crowns”, and you’ll notice they appear in pairs. That’s because each worm has two of them. By pumping water up and over the crowns, a Christmas tree worm can filter out tiny plants and animals to snack on. The feathery structures are lined with both sticky mucus and spiky bristles (called cilia), which help trap passing prey. What are those branches actually for? After a bit of size sifting, the worm moves any tasty morsels – conveyor-style – to the mouth, but the crowns do more than just catch food: they also harness oxygen! For this reason, the structures are often mistakenly called gills.

Underwater “pines” might be beautiful, but they’re really just the tip of this worm’s iceberg. Two-thirds of the body of a Spirobranchus lies hidden in a calcium carbonate tube, which it erects as a bunker.

Some groups take this one step further, by setting up shop in stony corals. But the crafty worms don’t do the heavy drilling: by nestling their bodies against the corals’ living tissues, they force the polyps to build around them. Over time, these coral-encased bunkers can reach ten inches in length.

Spirobranchus worms are pretty choosy about which corals they settle on, but scientists are still working out why. Some speculate that landing on carefully selected species could help the worms with reproduction. Others suggest the pickiness comes down to avoiding accidental predation (no worm wants a coral-munching parrot fish hankering for its home turf).

Once settled down, a Christmas tree worm can live upwards of 30 years (Though 10-20 is more common.)

While many invertebrates reproduce asexually, there are actually male and female Christmas tree worms. These animals are broadcast spawners, meaning they shoot their genetic contribution into the surrounding water, in the hope that it meets its match. Once fertilization occurs, it takes just 24 hours for a larva to develop.

Now you know a little more about Christmas Tree Worms, go out and capture some images of these colorful specimens.

(Continued from page 1)

couple of months in Indonesia last year. Part land based in Lembeh and part on a liveaboard dive boat.



Matt shared with us his time spent on Solitude Adventure Liveaboard in the Banda Sea Indonesia.

(www.solitude.world) About eighteen divers were on board with eight dive masters. With a PowerPoint presentation, Matt included maps to show the route taken. He started in Ambon with check out dives and that was the only macro photography on the trip). The rest was big animals and wide-angle lenses. This included Hammerhead sharks, schools of Jacks, plenty of Sea Snakes, and other assorted deep water animals. Each of these examples was accompanied

by great images. Matt did say that he was disappointed with the U/W visibility which clouded many of his shots. You can’t control the conditions and sometime it’s the luck of the draw. Others said it was very clear the week before. After experiencing Matt’s presentation, it makes you want to pack your gear and make a trip. Thank you Matt for an entertaining and informative presentation.

It was time for a twenty minute break. We thank **Skip Greenhoe** for providing the snacks for the evening.

Our second presentation was by our past President **Jami Feldman**. Using the technology available in today’s world, Jami used a phone app to do some “Editing on the Go”. Maybe you have images on your phone that you want to do some quick edit-

ing on before you post them on social media and your not near your computer. Jami highlighted a few apps to do just that. These included Snapseed, iMovie, Videoshop, and Photogrid. She gave us examples using these quick and dirty phone apps. Jami made sure to explain that if you want to do some serious photo editing, go back to the programs on your computer. I try to keep up with technology but Jamie was working on her phone, going through her computer, and showing all of this on the screen. It’s amazing what we can do digitally today. Thank you Jami for a very informative and educational presentation.

Remember. The meetings can only be as good as you as a member want them to be. That means that you should volunteer to do a presentation yourself. It’s really not that hard.

Hope to see you all at the next meeting on February 27th.



2020 SAN DIEGO COUNTY FAIR



ENTRY INFORMATION

Please note: State Rules are not yet ready, and will be posted when they are.

Entry deadline: Friday, April 10, 2020.

Tier 1 Notification: Wednesday, April 22, 2020.

Entry delivery, shipped entries: Must arrive Thursday, April 23 to Tuesday, May 12, 2020.

Entry delivery, in person: Tuesday, May 12, and Wednesday, May 13, 2020, noon-7:00pm.

Artist reception: Thursday, June 4, 2020, 7:00-9:00pm.

Exhibit dates: June 5-July 5, 2020.

Entry pick-up date: Monday, July 6, 2020.

For more information, click on the link below.

<https://sdfair.com/exhibits/photography/>





Show us Your Best

2020 SAN DIEGO COUNTY FAIR

PHOTOGRAPHY

2020 ENTRY TIMELINE

Entry Deadline	Friday, April 10
Tier 1 Notification Email	Wednesday, April 22
Shipped Entries May Arrive	Thursday, April 23 - Tuesday, May 12
Entry Delivery	Tuesday, May 12 & Wednesday, May 13: Noon - 7pm
Artist Reception	Thursday, June 4: 7 - 9pm
Fair Dates	Friday, June 5 - Sunday, July 5 (closed Mondays)
Entry Pick Up	Monday, July 6: Noon - 8pm

CONTESTS (pre-registration required)

Photo Shootout #1	Saturday, June 13
Photo Shootout #2	Saturday, June 27

EVENTS

Judges Roundtable	Wednesday, June 10
Judges Critique	Wednesday, June 17
Photo Club Day	Saturday, June 13
Tips from Photographers	Wednesday, June 24

ENTRY FEE

\$20 per entry (non-refundable).

ENTRY LIMIT

Twenty (20) entries per exhibitor in all classes combined.

ENTRY CHECKLIST

- ☐ Read entry materials, decide what to enter
- ☐ Enter online and pay entry fees by deadline at sdfair.com/entry
- ☐ Save email confirmation, entry delivery instructions will be emailed following entry deadline
- ☐ Prepare accepted images for delivery
- ☐ Deliver or ship entries for Tier 2 Judging
- ☐ Pick up entries

NEW THIS YEAR

- Fair Theme: Heroes Unite, Celebrate Superheroes by entering your theme-inspired creations.
- Large Prints may not exceed 9 lbs in weight

CONTACT

Gene Wild, Coordinator

Entry Office (858) 792-4207, Monday through Friday 10am - 4pm (extended support to 7pm on entry deadline)

entry@sdfair.com

2260 Jimmy Durante Blvd, Del Mar, CA 92014

sdfair.com/entry



SCUBA SHOW

THE DIVING EVENT OF THE YEAR!™

Long Beach SCUBA Show - May 30th & 31st

SDUPS will have a booth at this years SCUBA Show along with the Orange County and L.A. UPS. Members can submit images in a digital format and they will be professionally printed and matted. Member **Dick Miller** is the contact person for this event.

Who do we send the digital image to? **Dick Miller** - rngr900@cox.net Email images to Dick by March 11th

What size do they have to be? 16 x 12 high. (360 dpi, 4320 x 5760)

What is the cost per image? \$6.00. Includes printing & matting. You will get your matted image after the scuba show. Club will pay half the cost \$3.00, member to pay \$3.00.

How many do you need? 44. No more than 2 per person.

How about images that had been entered for the Fair? Images for the Fair are mounted and are 16 x 20. So your original Fair submissions will not work. BUT the digital image itself can be submitted to Dick.

WANTED - 2 individuals to help set-up the display and 4 people to man a 4 hour shift during the SCUBA Show. Volunteers will receive a free pass to the SCUBA Show.

If you have any questions, please direct them to **Dick Miller**.

Images from SCUBA Show 2016

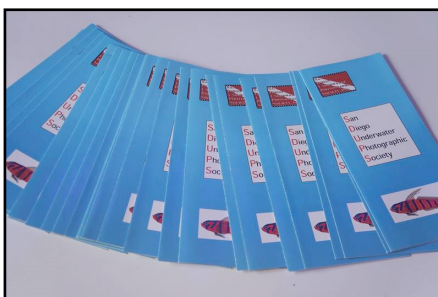


Mike & Skip at the SDUPS Display



SCUBA Show Info

<https://scubashow.com/>





2020 MEMBERSHIP REGISTRATION/RENEWAL

- ☐ Single \$35 ☐ Family \$50 ☐ Student \$15 (21 & under)
☐ New Member ☐ This is an Address Correction

Name 1

E-mail Address 1 (very important)

Name 2

E-mail Address 2

Address

Please make checks payable to **SDUPS**
Mail To:

City/State/Zip

Phone

**San Diego Underwater
Photographic Society
P.O. Box 22424
San Diego, CA 92192**



Dues are Due!



Yes it's that time of the year when membership dues are to be collected. You can either send in the above form to the P.O. Box stated or see our Treasurer **Bill Ring** at the meeting. Remember, you can not compete in the monthly competitions after the first of March if your dues are not up to date.

SDUPS Member Gets Scientific Paper Published

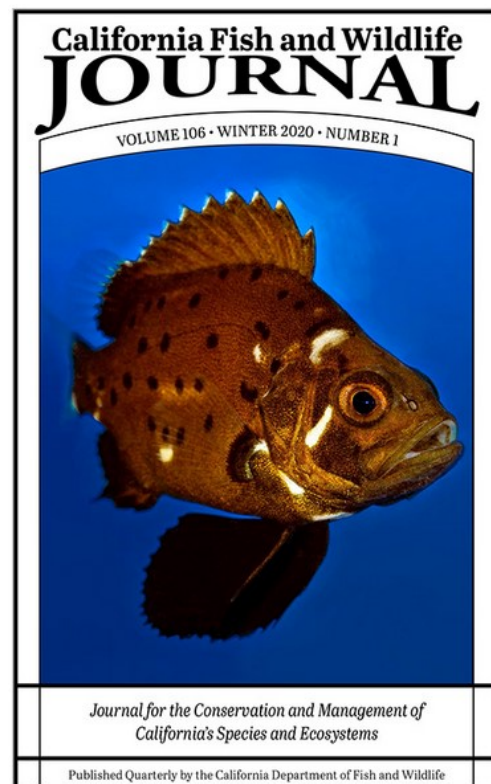
From Mike Couffer:

I'm very excited to announce the publication of my latest scientific paper on baby Giant Sea Bass in the California Department of Fish and Wildlife's *California Fish and Wildlife Journal* (formerly *California Fish and Game Journal*). They selected one of my baby Giant Sea Bass photos as the cover of the first issue of their newly-renamed and newly-redesigned journal. After several years of underwater surveys and consideration, I'm now comfortable presenting this information that I believe could really help the internationally-listed critically-endangered Giant Sea Bass. If you are interested, please download, read, and pass along my paper titled *Planning shoreline infrastructure projects at Redondo Beach, California to avoid impacting a Giant Sea Bass (*Stereolepis gigas*) nursery site*. The web address for the journal is (<https://wildlife.ca.gov/Publications/Journal/Contents>). Look to the left of the journal's cover for my paper. Hard copies with my cover will go to subscribers. My key points include:

- You can't protect a species without understanding and considering some basic information about its young.
- About a month after hatching from eggs, 10mm (3/8 inch long) Giant Sea Bass (aka black sea bass) appear most reliably at only 4 known locations along California's open coast that act as Giant Sea Bass nursery sites where the young mature for the next couple of months.
- These relatively small nursery sites appear to be key to nurturing most of the Giant Sea Bass young in California waters that then move away into other habitat.
- These nursery sites are in very shallow water at locations where coastal infrastructure projects like dredging and beach sand replenishment occasionally occur; these nursery sites can be vulnerable to human disturbance and damage when they are occupied by baby GSBs.
- The most densely populated Giant Sea Bass nursery site known is off Veteran's Park, Redondo Beach. Of the 4 known nursery sites, this is the one around which the most habitat disturbance takes place.
- These seasonal nursery sites are occupied by baby Giant Sea Bass for just under half of each year, but can be considered unoccupied for the rest of the year. So, there are months when construction projects might harm young-of-the-year Giant Sea Bass in the nursery sites, and other months when the babies are not in the nursery sites to be harmed. I offer some alternatives to potentially-damaging construction practices that occurred at the Redondo nursery site several years ago.
- Lastly, the existence of nursery sites for Giant Sea Bass should be acknowledged and taken into account during environmental reviews for any coastal infrastructure project that could disturb or degrade a nursery site during the months when the sites support baby Giant Sea Bass.

I'm off to survey for juvenile abalones, so if I don't respond until dark it's 'cause I'm underwater.

Michael C. Couffer Grey Owl Biological Consulting Grey Owl Pictures, Incorporated
716 Marguerite Avenue, Corona del Mar, California 92625 Home/Office 949-644-7127 - Cell 949-244-2607 mikecouffer@gmail.com Web Site: mikecouffer.smugmug.com





San Diego Council of Divers

Who We Are ▾ What We Do ▾ Active Issues ▾ Resources ▾

What is Rocks, Rips, & Reefs? The 3Rs is an education and safety program for Divers and experienced Snorkelers and Swimmers. Participants learn about various dives sites to get a better understanding of the underwater features and how tides and conditions may affect them and is beneficial to both the new Diver and experienced veterans.

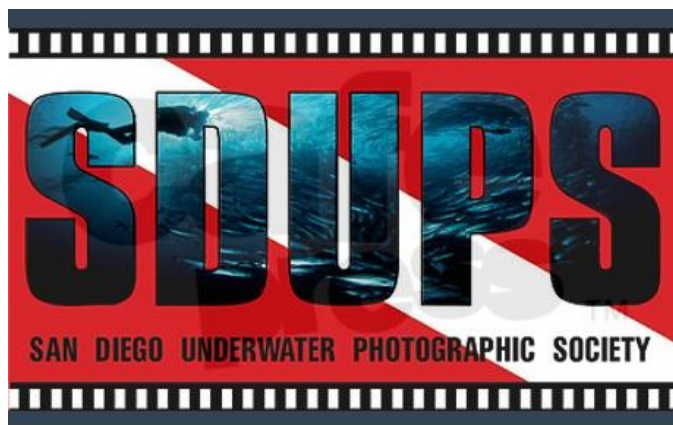
The program includes an in-water tour of each site led by experienced instructors so participants can experience first-hand how to safely enter and exit sites, how to recognize hazards and how to better handle themselves in emergency situations. The events are a lot of fun, a little bit adventurous, and a great opportunity to learn about various dive sites. Most importantly, the experience will help you be a better and safer diver no matter where you go.

2020 Rocks, Rips, and Reefs Schedule

1. Sat. June 6th, La Jolla Cove/ Boomer Beach
2. Sat. June 20th, North Bird Rock
3. Sat. July 11th, Goldfish Point (La Jolla Caves)
4. Sat. July 25th, Marine Street
5. Sat. August 8th, Hospital Point
6. Sat. August 22nd, Shell Beach
7. Sat. August 29th, Sunset Cliffs
8. September 12th, Children's Pool/S. Casa Beach
- Sat. Sept. 26th, End-of-Season Awards/ Bar-B-Q



San Diego Council of Divers: <http://www.sddivers.com/3rs.html>





SDUPS SPONSORS

House of Scuba
5141 Santa Fe St. Ste A
San Diego, California 92109

House of Scuba is offering members a 5% discount on most gear at the store and it will also be giving members a 5 fill air or 3 nitrox fill card. Air cards are not transferrable, so if members do not dive locally and therefore can't use the air card, they can still take advantage of the 5% discount on already guaranteed best prices. A list of members will be kept at the store for the air cards.

www.houseofscuba.com

Lita's No-See-Um No More® is an all-natural "dual purpose" product that prevents insect bites but also soothes the itch from insect bites. It consists of essential oils (Sesame, Patchouli and Tea Tree) and does not contain DEET or synthetic chemicals. Also, it is not diluted with water.

Lita's No-See-Um No More® works worldwide to protect you from being bit by the local insects including, black flies, chiggers, deer flies, fire ants, gnats, horse flies, mosquitoes, noseums, sand flies, ticks and tsetse flies. Lita now offers a hard-sided travel case made by LuxePak. It is TSA approved, crush proof up to 200 pounds (so it will survive luggage handling) and leak resistant, so you no longer have to worry about your liquids spilling inside your luggage. The travel case comes with three 2-ounce bottles and your choice of a shower puff or Vegan Konjac Body Sponge. If you would like to see this in person, it is available for purchase at Ocean Enterprises, or on her website.

Lita is a member of SDUPS and offers club members a **15% discount** when you order online at NoSeeUmNoMore.com (**promo code is "SDUPS"**). You can also purchase her natural bug spray/itch relief at Ocean Enterprises, City Farmers, Mount Laguna Store, Mount Palomar Store or Nomad Adventures.

Contact info: NoSeeUmNoMore@aol.com www.NoSeeUmNoMore.com



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Blue Abyss Photo
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San Diego, CA 92110
www.blueabyssphoto.com

Store hours
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760-522-3481

SDUPS SPONSORS

Ocean Enterprises has the best prices guaranteed
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Used Poseidon Se7en Rebreather, \$4000
Used Poseidon Six Rebreather, \$1500



Book your next trip with us!
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tailor something special for you

November 15-24, 2018

PALAU

Palau Pacific Resort

\$5042 pp DBL/\$4895 Cash Price

February 7-21, 2019

RAJA AMPAT

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Monthly Meetings

Usually the fourth Thursday of each month
7:00pm
(No meeting in December)

Sumner Auditorium
Scripps Institute of Oceanography
8602 La Jolla Shores Drive
La Jolla, CA 92037

For more information
check the SDUPS web page

<http://www.sdups.com>

2020 Board of Directors

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uwmmike@att.net

Vice President

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amylynn829@yahoo.com

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blueox25@gmail.com

Activities

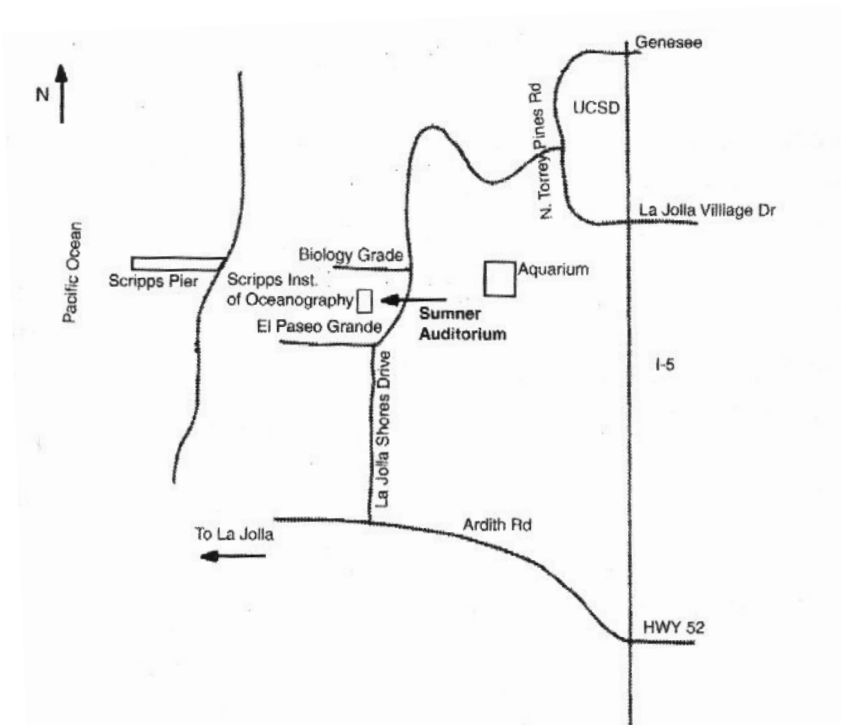
Skip Greenhoe
dsgreenhoe@gmail.com

Board Members at Large:

Walter Heim
Herb Gruenhagen
Greg Volger
Erin Chandler
Johnny Thai
Jami Feldman

Appointed Positions

Mike Poirier - Goby Editor
Dave Hinkle - Tech Advisor
Jami Feldman - Web Master
Skip Greenhoe - Dive Trips



Competition Schedule for 2020

January - 23rd	Best of 2019		July - 23rd	Available Light
February - 27th	Texture		August - 27th	Spots
March - 26th	Eyes		September - 24th	Round
April - 23rd	Make Me Smile		October - 22nd	With Claws
May - 28th	Yellow		November - 19th	Photo Shopped
June - 25th	Anemones		December - ??	Awards/Party

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