

August Newsletter

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August 2016

Ron Coley and the Fountains of Saint Mark

HUPS is fortunate to have Ron Coley give a presentation on his amazing book *The Fountains of Saint Mark*. These ancient and very diverse artesian springs are the source of the San Marcos River and the subject of his presentation. Ron's book has received very positive reviews from a number of noted experts including National Geographic's Explorer in Residence, Dr Sylvia Earle.

Ron is an award-winning filmmaker and photographer, and an innovator of SCUBA equipment. He was a student at the prestigious Brooks Institute of Photography and has 40 years of experience as a producer, writer, and cinematographer featuring his underwater experiences. He currently shares time at his two homes in central Texas and on the Pacific Coast of Mexico.

For an unforgettable experience, you won't want to miss Ron Coley's talk. Arrive early to meet and talk with him and others. --Dennis Deavenport

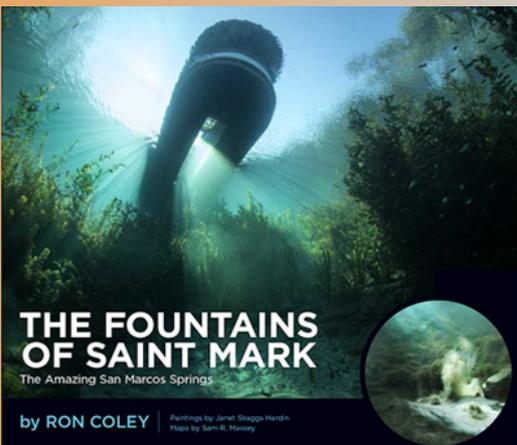
The Fountains of St. Mark is a love story, a legacy to be cherished and held fast. Ron Coley's images illustrate the fragility and strength of this spiritual place. The essays speak to the new world that is waiting for each of us under the rocks in our own backyards.

The Fountains of St. Mark, Texas hill country artesian springs, are the source of the San Marcos River. These springs create a 16-acre lake, inhabited by humans for more than 12,000 years, making it one of the oldest continually inhabited sites in North America.

Today, Spring Lake is one of the most biologically diverse aquatic ecosystems in the United States. The San Marcos Springs have been named a critical habitat, with 8 known endangered or threatened species, as identified the US Fish & Wildlife, based on declining numbers of loss of habitat.

Eight essays narrate the book, and more than 100 underwater photographs - most using stunning natural light - take the reader on an aquatic adventure in living color. Eight Janet Skaggs Hardin paintings, inspired by Coley's photography, provide the foundation for this love story.

--Diana Finlay Hendricks



Ron Coley celebrates our relationship with water through his life's work. As an award-winning filmmaker and photographer, an innovator of SCUBA equipment, and an educational leader, he explores a world that few have been privileged to see first-hand. Combining a mastery of the ancient art of storytelling with photography, Coley brings the mystical fresh water underworld to the surface to share with an international audience.

Throughout his life, Coley has found himself in the right place at the right time, from his formal education at the prestigious Brooks Institute of Photography through 40 years as a highly acclaimed producer, director, writer, cinematographer and underwater photographer.

Coley has traveled the world, writing, producing and directed 33 films, shorts, and television productions; and has worked on more than 100 film and television productions about oceans, rivers, and the earth's water system.

His award-winning "River of Innocence" documentary about the San Marcos River set a new standard for independent productions on the PBS network.

In June of 1994, Coley found himself in the unique role of overseeing the transition of the Aquarena Springs Amusement Park to the Aquarena Center for Environmental Education at Texas State University. During his 20 year tenure, Coley created a shining example for water ecology and created educational opportunities for the university, the region, and state.

Today, Coley lives in Central Texas and on the Pacific Coast of Mexico.



President's Page

Our July meeting was a presentation by Danny Bergeron pertaining to lighting, F-Stops and strobe placement. It was very informative and well attended.

This month's program will be presented by Ron Coley author of the book *The Fountains of Saint Mark*, which concerns the springs that are the headwaters of the San Marcos River. Let's all be there to share Ron's love of the springs.

The topic of the Photo Contest this month centers on the phylum "ECHINODERMS", which includes starfish of all kinds, urchins, sea cucumbers and sand dollars.

Should You Get Vaccinated Before You Travel

Last month I wrote an article pertaining to whether or not one should consider purchasing travel insurance before a trip? I was surprised at how many in the club had purchased travel insurance before taking an expensive trip which also convinced me to purchase trip insurance before an upcoming trip to Indonesia this September. Going hand in hand with travel insurance is the question, should one get the vaccinations suggested by either the **World Health Organization (WHO)** or the **Center for Disease Control (CDC)**. Many of us have traveled to parts of the Caribbean, Central and South America, Asia and remote parts of the Pacific where diseases such as malaria, typhoid fever, chikungunya, diphtheria, polio, Japanese encephalitis, Zika virus and Hepatitis A, B & C are prevalent. Some of us have taken various malaria prophylaxis and other medications to hopefully prevent a disease and for the most part the medication has worked or we have been lucky. I think we can all agree that some types of international travel, especially to developing countries and many rural areas, may have higher health risks. Those risks, of course, depend upon where you are traveling, what activities you engage in while traveling, your own state of health, and your vaccination history. We know about the Zika virus and the steps to find a vaccination to prevent this mosquito borne disease as it has been so

to the upcoming Summer Olympics in Rio de Janeiro.

Health care professionals seem to be in agreement that:

(1) One should see a health professional 4-6 weeks before international travel in order to complete any vaccination series you need to complete.

(2) Ask about or go to the WHO or CDC websites to determine what vaccinations are recommended for the area of travel to which you are going.

(3) Check to determine if the country you are planning on visiting requires proof of a yellow fever vaccine as only a registered health provider can offer such vaccinations and you **MUST** get it 10 days before you travel.

(4) Avoid bug bites and be careful of what you eat and drink.

(5) Wash your hands often with soap and water or use alcohol based hand sanitizers.

(6) **DO NOT** touch animals such as monkeys, dogs and birds, which we are all guilty of.

If your primary physician is unable to advise you which vaccinations are needed for a trip to a foreign destination, there are several travel clinics in and around the Houston area, which can be found with a click of a mouse. The **CDC** website also offers **Health Information** to whatever destination you are travelling to and will suggest what you need to take in the way of prescription medications, medical supplies, diarrhea medicine, and supplies to prevent illness or injury.

After reading the material and recommendations by various health care travel specialists for this article, I have taken my own advice and obtained the vaccinations I needed for my upcoming trip. Make sure you are up to date on all recommended vaccinations before traveling abroad as anyone would prefer to remain healthy rather than run the risk of coming down with a disease or virus that would interfere with a vacation.

--Russell Ramsey



Ron Coley

HUPS Dive Trips

The last scheduled HUPS trip, "The Annual HUPS Trip to Bonaire" we have now been told by Lorna at the last meeting, will coincide with the Bonaire coral spawning. If you have not been present at a coral spawning, this is an event you probably would not want to miss. Make your plans now to travel to Bonaire with John and Lorna Carpenter. This trip is scheduled for October 15 - 23, 2016. The cost is \$970.75 per diver double occupancy, (\$1,276.76 single occupancy)-Deluxe Ocean View Room; \$1,071.55 per diver Double Occupancy (\$1,586.35 single occupancy) Ocean Front Deluxe Jr. Suites. Non divers should deduct \$275.40 per person for this trip. Deposits are now due and should indicate # of divers and non-divers as well as room type. Please mail your deposits or give them to Debbie Mensay, HUPS treasurer. For more details pick up the flyer at the August meeting or see Lorna Carpenter for details for this trip.

HUPS Announcements

Final Cut Pro - HUPS Workshop

Presented by Jim Babcock

Saturday, Aug 27th, noon-3pm, Bayland Community Center

HUPS is full of world class photographers as well as some soon to be equally awesome filmmakers. In this talk I start with a brief history of film; how it's theory and grammar evolved and why those rules are still relevant. I'll talk about story; what makes a film memorable. And, I'll conclude with examples of the basic types of film editing; continuity and montage. If you're still awake, I'll then talk about Final Cut Pro X, and why I personally prefer it but talk a little about Premiere, it's main rival in the Mac world. Hopefully, some PC folks will contribute at this point what they know about software from that world.

Having gotten rid of the boring parts, I'll get to the fun stuff and use Final Cut Pro X to make a movie with help from the class. We'll ingest clips, stills, voice overs, and music; view, keyword, rate, and sort them, and then develop an idea for what kind of story we want to tell. We'll select the music, drop it onto the timeline and put markers onto the beats. We'll drop in images; stills and clips, using those beats as guideposts while paying attention to the dynamics of the song. We'll rearrange, shorten and lengthen, and replace as the logic of the story, the song, and the images demand. We'll do limited color correction to make sure there are no jarring color changes from image to image. Lastly, we'll drop in some simple titles at the beginning and end, and if needed, within the movie.

Lastly, I'll talk about distribution. While most of our oeuvres will end up on YouTube or shown at the next HUPS meeting, I'll talk a little about what other places our stuff might be shown.

DAN BLS Course

Due to the success and popularity of last year's course, HUPS is once again bringing in Carl Griffing to teach the DAN BLS (Basic Life Support) course to interested HUPS members. The course will be held Thursday evening, Sep 1, 2016 at Bayland Community Center from 5-9pm. Cost of the course is \$40 and will require on-line teaching plus the Practical application. If you are not yet CPR certified or need a refresher, this is a perfect opportunity. If you are interested in attending, please contact [Lance Glowacki](#) or [Russell Ramsey](#).

2016 TGCC Memorial College Scholarship Recipients

Congratulations to this year's recipients of the TGCC Memorial College Scholarship Awards, given in memory of Greg Grimes, Jean Himes, Anne Milliod, John Petty and Michael Szewczyk. This year there were 5 applicants. Four of these had competed in our contest last year. The group as a whole exemplified an excellence in both academic and personal achievements. Several illustrated marked academic improvement. The following awards were made and will be sent to their respective schools:

Christa Landowski	\$2,000
Sydney Hickerson	\$1,000
Cole Herring	\$500
Max Kepp	\$500

In addition TGCC decided to make an additional award that TGCC based upon the merits of the final candidate. The following support was awarded and will be sent his school:

Clayton Herring	\$200
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Proposed FGBNMS Expansion

Building on more than 30 years of scientific studies, including numerous reports released in the last decade, NOAA today announced a proposal to expand Flower Garden Banks National Marine Sanctuary to protect additional critical Gulf of Mexico habitat.

The plan lays out five expansion scenarios, ranging from no expansion of the 56-square-mile sanctuary, to one bringing it to a total of 935 square miles.

In NOAA's preferred scenario, the sanctuary would expand to 383 square miles to include 15 reefs and banks that provide habitat for recreationally and commercially important fish, as well as a home to 15 threatened or endangered species of whales, sea turtles, and corals.

The public is invited to comment on this proposal from June 10-August 19, 2016. There will also be five public meetings held in Texas, Louisiana and Alabama. Comments collected during this process will be used to develop a final environmental impact statement.

For more details about the expansion, or to download the Draft Environmental Impact Statement, please visit <http://go.usa.gov/cShBR>

A Small Backup System for Traveling Lite

by: *Martin Daniels*

Have you ever been on a trip where baggage weight was limited? Do you want to take LOTS of photos, but there is simply no room for your laptop? Do you want a backup system that will fit in your pocket?

Simplest Solution

You may not be aware, but there is an easy way to backup your SD cards to a small external hard drive WITHOUT using a laptop or tablet. There is an external hard drive from WD that comes with an SD card reader built-in. Pop in your SD card and it automatically backs it up to the hard drive. That is great if that will meet your needs!

Using an Android cell phone

Unfortunately that drive has mixed reviews (more positive than negative). Also not everyone uses SD cards (maybe CF). Or maybe you already have a drive and are not interested in buying a new one, but would still like a small backup system. This can all be handled with a more flexible system. You can use your cell phone to control the transfer, along with a File Manager app and a little adapter. This works well on most modern Android phones. The main requirement is for your phone to support the On-The-Go protocol (OTG). This allows your phone to become a USB host to control the USB hard drive and card reader.

A simple OTG adapter cord (about \$4) converts the micro USB connection on your phone (where you plug in the charger) to a standard USB connection. For the simplest solution, just connect a standard USB card reader to copy the memory card onto your phone (if you have enough spare space).

A better solution is to also buy a powered USB hub (about \$12). Some hubs come with an OTG adapter and multiple card readers already built in. The hub must be powered, because the phone is not strong enough to power a hard drive via USB.

Also File Manager apps can be used on your Android phone to move/copy files between the card reader and hard drive, without having to store it on the phone along the way, similar to File Explorer on Windows. Android comes with a File Manager built in called My Files. It works good enough for me, but there are others available and some full featured ones are free.

The last piece is an external hard drive to store your backup files. Today there are external hard drives that are relatively inexpensive that hold multiple terabytes and fit in a pocket. The hard drive must be reformatted to "exFat" format to work with the phone. If there is any data already on the drive, be sure to save it somewhere else before you reformat it, because you will lose all of its current data.

To set it all up, connect the power, the hard drive, and card reader to the hub. Then connect the OTG cable to the phone, and insert a memory card into the reader. The File Manager should pop up on the phone. You should find the USB drives listed. You can create new directories, and then move selected files or whole directories back and forth between the card reader and hard drive. You can also move your favorite photos to your phone, to show everyone at dinner!

Using an iPhone

Unfortunately iPhones do not directly support OTG. If the Simplest Solution above will not work, you can still transfer photos into your iPhone using one of Apple's adapters. The "Lightning to USB Camera Adapter" allows you to connect the iPhone directly to your camera. The "Lightning to SD Card Camera Reader" allows you to read SD cards into your iPhone. Both let you select photos (including RAW) and videos and pull them into your iPhone. You can leave them there if you have enough spare space, or use one of the wireless external hard drives to save them. But on the iPhone it will be a two-step process: save them to the phone and then move them to the hard drive. A good File Manager may give you more control on how to organize your data and several are available for iPhones (e.g. FileBrowser).

So depending on your needs, several solutions are possible. You do not need to bring your laptop or tablet to take a ton of photos and back them up during your trip.

The simplest solution of an external hard drive that has a built-in SD card reader (and comes already formatted for exFat), search for: WD My Passport Wireless.

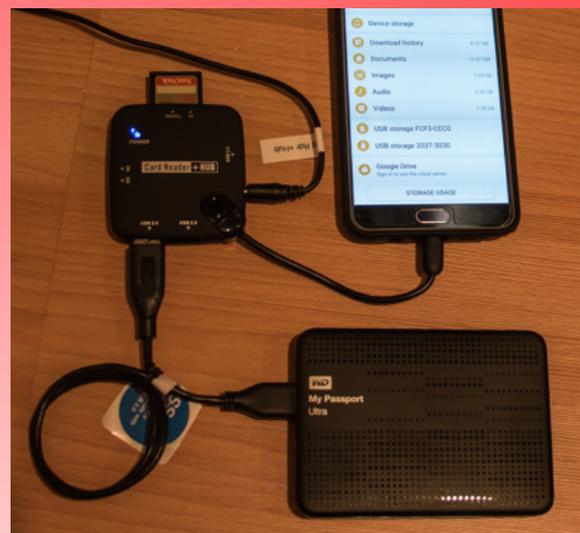
For a list of Android phones that support OTG: <http://www.symlis.com/blog/2015/1/12/list-of-otg-supported-devices> Or download the app: USB OTG Checker

For an OTG hub with multiple built-in card readers, at amazon.com search for: "Inateck Multi-in-1 OTG"

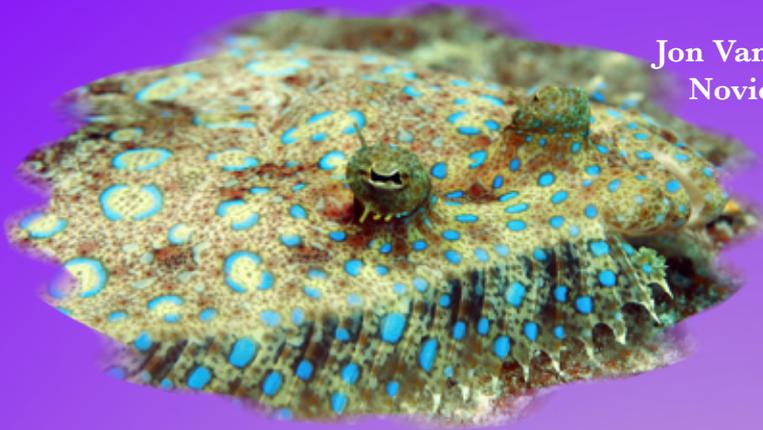
How to format an external drive to exFat: <http://support.wdc.com/KnowledgeBase/answer.aspx?ID=291>

iPhone File Browser: <https://itunes.apple.com/us/app/filebrowser-access-files-on/id364738545?mt=8>

Please let me know if you have any questions.



2016 POTY Standings through July



Jon VanAtta
Novice1st



Dennis Deavenport
Advanced 1st

NOVICE		
1st	Mathis Weatherall	448
2nd	Craig Beasley	432
3rd	Kevin Crofoot	356
4th	Lorna Carpenter	226
5th	David McCracken	103
6th	John Van Atta	77
INTERMEDIATE		
1st	Martin Daniels	456
2nd	Lance Glowacki	413
3rd	Bess Bright	407
4th	Beata Lerman	394
5th	Paul McDonald	376
6th	Joe Holden	209
ADVANCED		
1st	Jackie Reid	546
2nd	Dennis Deavenport	543
3rd	Debbie Mensay	299
4th	Jim Mensay	295
5th	Daniel Bergeron	180



Martin Daniels
Intermediate 1st



Danny Bergeron
Advanced 2nd



Beata Lerman
Intermediate 1st

2016 Meeting Topics

	Presentation	Presenter	Contest Topic	Tech Topic
January 4	"Ancient Waters" Red Sea diving, pre & post excursions in Istanbul & Luxor	Jan Baughman & Dennis Deavenport	Shrimps, Crabs, Lobsters	None
February 1	"Veering Off Course in the Philippines"	Tom & Kay Collier	Black & White	Shooting mandarin fish
March 7	USA – East Coast/West Coast	Beata Lerman	Toadfish, Scorpionfish, Lizardfish	Video – slow it down
April 4	"How-To" on Publishing & Review of <i>Glorious Gulf of Mexico: Below the Blue</i>	Jesse Cancelmo	Something striped	None
May 2	Bonaire – 2014 & 2015 HUPS trip	Jim & Debbie Mensay	Curves	How I got that shot
	Coco View, Roatan, Honduras	Mitch Carlson		
June 6	Fluoro-Diving – UV induced phosphorescence (Sponsored by Oceanic Adventures)	Greg Gebhardt	Barracuda, tarpon, spadefish	None
July 11	Strobe Placement & F-Stops	Danny Bergeron	Eyes	
August 1	The Fountains of Saint Mark	Ron Coley	Echinoderms	TBD
September 12	HUPS does Yap – 2016 HUPS trip	Lance Glowacki / Joe Haws	Textures	How to video mating mandarin fish
October 3	Cebu, Philippines & Lembeh, Sulawesi, Indonesia	Kandace & Jim Heimer and Mary Lou & Jackie Reid	Wild faces	How to stalk fish and/or Video Techniques
November 7	BVI/St. Croix – 2016 HUPS trip	Jim & Sudi Babcock	Hogfish, wrasse, parrotfish, razorfish	Jellyfish snorkeling – video & photo techniques
December 5	Best of HUPS	Lance Glowacki	Creative	

2016 Photo Contest

REMINDERS!!

HUPS Members Galleries
contact [Joe Holden](#)
if you would like to update
the photos in your gallery or
would like to be added to the
gallery on the HUPS
webpage

Keep Canyon Lake Beautiful

The US Army Corps of
Engineers & Keep Canyon
Lake Beautiful are in need of
divers to clean lake bottom
on Sept 17, 2016 in honor
National Public Lands Day.
<http://www.swf-wc.usace.army.mil/canyon/>

St. Lucia Dive Fest

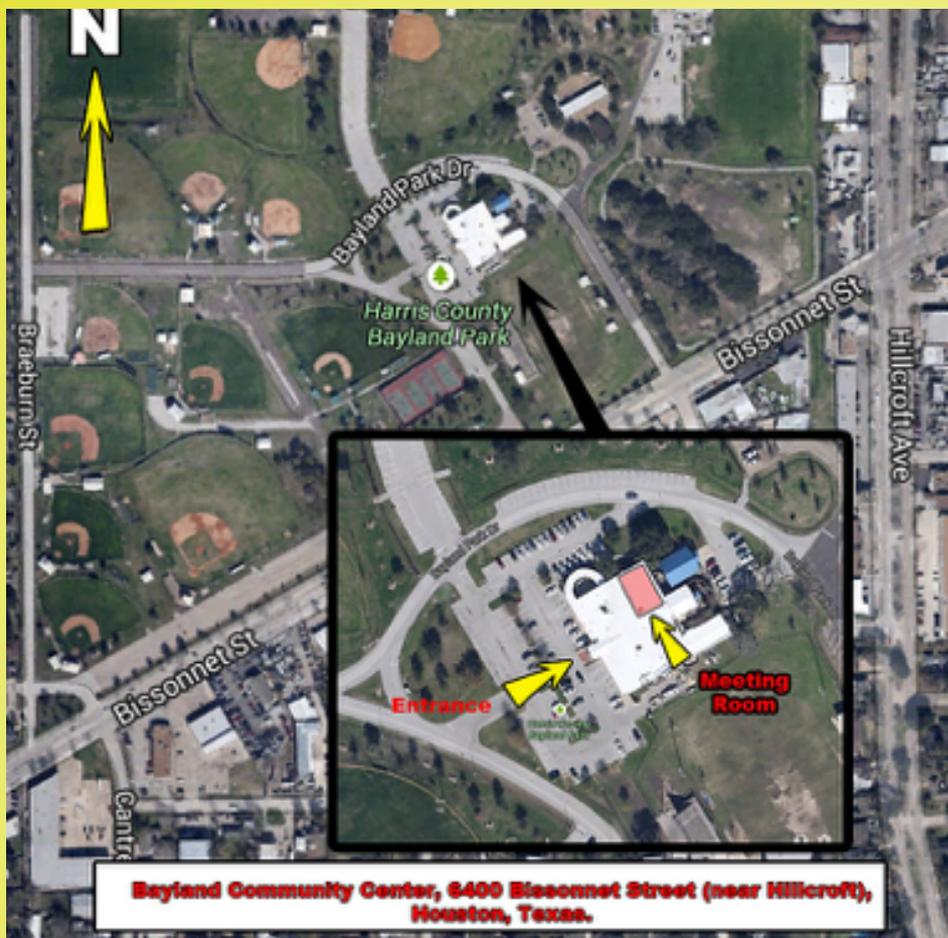
First ever event to strengthen
the island's dive sector.
Competitions and discounts.
Sept 10-17th <http://bit.ly/28SmjF7>

Month	Themes	Description
1	Shrimps, Crabs, Lobster	Just like it says... look it up in the book (crabs, shrimp, lobsters, etc.). When in doubt... Wikipedia can help you out.
2	Black & White	Mono-color images (black & white, sepia, bluetone, etc.). Only shades of one color are allowed. Can be taken as a monochrome image straight out of the camera or edited down from full color.
3	Toadfish, Scorpionfish, Lizardfish	A group of Odd-shaped bottom dwellers. Normally found resting on the sea bottom. All are consisted experts at camouflage
4	Something Striped	A critter or fish that has noticeable stripes. A long narrow band distinguished, as by color or texture, from the surrounding material or surface
5	Curves	Anything that is characterized by a curve. Can be fish, invertebrates, or even non-living. To have or take a turn, change, or deviation from a straight line or plane surface without sharp breaks or angularity
5a Video	General	1 to 3 minutes. At least 50% must be video footage.
6	Barracuda, Tarpon, Spadefish	A group of fish ranging in color from silver to gray. May have blueish, yellowish or greenish tints. In this theme we are only dealing with 3 types of fish.
7	Eyes	Any sea life that has an eye. Can be fish, invertebrates or mammal.
8	Echinoderms (starfish of all kinds, urchins, sea cucumbers, etc.)	The adults are recognizable by their (usually five-point) radial symmetry, and include such well-known animals as starfish, sea urchins, sand dollars, sea cucumbers, as well as the sea lilies or "stone lilies".
9	Textures	Texture, another element of art, is used to describe either the way a three-dimensional work actually feels when touched, or the visual "feel" of a two-dimensional work.
10	Wild Faces	The face is the front part of the head that extends from the forehead to the chin and includes the mouth, nose, cheeks, and eyes. The wild is going beyond normal or conventional bounds.
11	Hogfish, Wrasses, Parrotfish, Razorfish	A group of fish that have pectoral fins with large, even scales.
11a Video	General	1 to 3 minutes. At least 50% must be video footage.
12	Best of HUPS	NOVICE, INTERMEDIATE, ADVANCED, and CREATIVE contests: First place winners from each month's Novice, Intermediate, and Advanced categories will be entered automatically for judging. The Creative category lets you enter anything you want as long as you do the photography and any special editing.

The **Houston Underwater Photographic Society** meets at the Bayland Community Center from 7pm - 9pm, the first Monday of each month (except for Monday holidays)

6400 Bissonnet (near Hillcroft), Houston, TX 77074

Visitors are always welcome!



2016 HUPS Officers

President:

Russell Ramsey

Vice President:

Dennis Deavenport

Secretary:

Tammy Allyn

Treasurer:

Debbie Mensay

Membership/Newsletter:

Monica Losey

Photo Contest:

Lance Glowacki

TGCC Reps:

Alicia Grimes

Frank Burek

Debbie Mensay

WebMaster:

Joe Holden

Workshops:

Lance Glowacki

Trip Coordinator:

Jim Mensay

Historian:

Frank Burek

Special Events:

Jan Baughman

HUPS on the Internet



www.hups.org



www.youtube.com/user/HUPSdotORG



www.facebook.com/groups/174168478778/

2016 HUPS Board of Directors

Jan Baughman
Bess Bright
Frank Burek
Martin Daniels

Lance Glowacki
Mike Greuter
Beata Lerman
Ken Knezick

Monica Losey
Henry Ragland
Tom Collier
Joe Haws

Jim Mensay



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