



NEWS FROM The "Get Wet" Club

July, 2011

July 27th, 2011 - General Meeting
Social starts at 7pm - Meeting at 7:30pm

Mario's Flying Pizza & Italian Restaurant
618 West NASA Rd. 1, Webster, TX

The BAD Calendar

July

- 5 BAD BOD Meeting
Twin Lakes Dive-
Contact:Events@bayareadivers.org
- 9 **Blue Lagoon-Dive & Campout--**
Contact:Events@bayareadivers.org
- 23 **BAD General Membership Meeting-Joyce & Frank Bureak-TBA**

August

- 2 BAD BOD Meeting
- 10th Annual Bill Jones COZUMEL Mexico Vacation
- 1--7
- BAD General Membership Meeting-
Chuck Noe- "Goodenough Springs Exploration Project" & the "Jacob's Well Exploration Project"
- 31

September

- 2 BAD BOD Meeting
- Lake Travis Clean-up & Camping at Manfields Dam, Austin-Contact:**
10,11 Events@bayareadivers.org
- BAD General Membership Meeting- **Jason Puffenberger-NEMMO**
- 28

October

- 1 **TrashFest 2011**
- 8 **Divers Market**
- 22-23 Texas Renaissance Festival

WEBSITE: www.bayareadivers.org

Have an event you want to lead, contact the Board for



Speaker of the Month — Joyce and Frank Burek—

AWESOME PHOTOGRAPHY

Joyce and Frank have always said getting the picture is the whole idea of their photographing. Since 1983 they have been diving and photographing the sanctuary and its staff both above and below the water, which means they've actually been photographing the Flower Garden Banks since before it became a sanctuary! They have traveled all over the world. It isn't just the photography which is always outstanding and it isn't the music... it was the whole package. In short, it simply worked on all levels.

This will be an OUTSTANDING MEETING!

July

Heather Pena	2
Mickey Evans	4
Ja Van Pruet	5
Cory Hollingsworth	9
Rick Decker	14
John Thomas	18
Bryan Gilbert	20
Kyle Seely	20
Pam White	31



COME VISIT and DIVE WITH YOUR FRIENDS and NEIGHBORS

Bay Area Divers meet at **Mario's** 618 W NASA Rd 1, Webster, TX 77598 at 7:00 pm the last Wednesday of each month (except December).

GUESTS ARE ALWAYS WELCOME!

Deadline for article submission for next month is: **August 7th, 2011** E-Mail caladyfish@yahoo.com

PRESIDENT'S CORNER



Dear BADDies,

It is hot out there and the lake levels reflect the heat and drought; however, there is still some great lake diving to be had to keep cool this summer. Check out our local lake dive with campout and night dive Treasure Hunt at Blue Lagoon the weekend of July 23rd and 24th. Also we will be heading back to 288 Lake for another cookout and more diving on August 20th. Enthusiastic response for both, so plan to join the fun, cool water, and let's blow some bubbles! Get more info on website calendar and watch your email for Evites with more details as the time gets near.

We are already forming teams for Trashfest on October 1, 2011 and making travel arrangements. If you think you might be going, email Cindy Romano at Secretary@BayAreaDivers.org with names and t-shirt sizes to be added to the TrashFest list! We have a block of rooms reserved at **Heidelberg Lodges on the Comal River** for Friday and Saturday nights with off-season pricing. Call them at **830.625.9967** to reserve your room in **section C** and join me at a social for Friday's arrival in the President's cabin.

We've had phenomenal turnouts for our lake dives!!! At Mammoth Lake on June 25th we had 37 attend and had 3 new family memberships join! Looks for the pictures on Facebook and the website! Then on July 9th, we had 20 attendees at Twin Lakes for BBQ and more lake diving! Another family membership and we invited a member instructor and his students to join the great socializing. Both events had lots of divers in the water seeing the sunken sites and feeding the fish!

Bay Area Divers Officers & Directors

President	Doreen Wells	president@bayareadivers.org
V. President	Ja Van Pruett	vicepresident@bayareadivers.org
Secretary	Cindy Romano	secretary@bayareadivers.org
Treasurer	Jim McConville	treasurer@bayareadivers.org
Editor	Ja Van Pruett	caladyfish@yahoo.com
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Board	Christine Emerson	boardmember1@bayareadivers.org
Board	David Romano	boardmember2@bayareadivers.org

Webmaster Jim McConville webmaster@bayareadivers.org

WEBSITE: www.bayareadivers.org

Facebook: Bayareadivers - Group

Twitter: BayAreaDivers

This past month I attended a listening session in Galveston regarding the National Ocean Policy of our oceans, coasts, and Great Lakes in development by the White House. There were representatives from all different kind of US agencies and interesting discussions and feedback given during the breakout sessions. For more information please review information at: <http://www.whitehouse.gov/administration/eop/oceans/sap/>. Please make sure your concerns are heard.

Excitement is building for our **36th Annual Divers Market** in Seabrook scheduled for **October 8th** from 10am-4pm! We already have coupon cards at the meetings to hand out to fellow divers and other interested parties. We are finalizing plans of some attractions and planning for the expo is underway. As this is our largest fundraiser of the year, we need many volunteers to make the day run smoothly for our many vendors and customers. Sign up to help make this the **BIGGEST, BEST, and BADDEST Divers Market EVER!!!!** Just email: diversmarket@bayareadivers.org to help out!

A few slots might still remain for the BAD sanctioned trip to the Flower Gardens – a major feature of Texas reefs in the Gulf July 28th and 29th. Two days on a live-abroad, with meals and air tanks and fills included. Call David Romano at (281) 787-4605 and look for more details in the newsletter and online.

So get ready to “Get Wet” and Dive Safely,
Doreen Wells
President@BayAreaDivers.org

Time to re-new your membership.



BAD BOARD (BOD) MEETING

Meetings ARE OPEN TO All, so come on out and join us for our next meeting **TUESDAY August 2nd, 2011** at 7:00 PM at **La Brisa**, 501 North Wesley Drive (behind Sudie's at exit 28 on I45) League City, TX. Everyone is encouraged to attend as we appreciate **everyone's participation and your input**. Come earlier if you would like to eat and visit with some of us prior to the meeting.

Deadline for article submission for next month is: **August 7th, 2011** E-Mail caladyfish@yahoo.com

New Members



New Members- James & Tammy Beeson, Brad & Josh Bortz, Brad & Bryan Phelps,
Ronald Hoffman, Al Kinnard

Member of the Month June



Ron Hoffman

Ron is a new member of BAD. He was certified open water in 2011. His favorite dive locations so far are Freeport, the Bahamas and Cozumel.

Happy 18th Wedding Anniversary



Cindy and David
Romano



THANK YOU! DAN ORR

Wednesday - June 29, 2011
At the last General Meeting:
I hope you did not miss this meeting.
GREAT!

Bay Area Divers Photo Contest

We want your photos! There has been lots of pictures with BADdies in them and we want to see them! We want pictures that show the spirit of being a BADdie! The finalists will be presented at the BAD Divers Market and Expo on October 8, 2011 and attendees will vote for the winner! Finalists will receive a free membership renewal for one year. The winner will get a special prize!

Rules:

- ◆ Must be a current member.
- ◆ The pictures must be from an event that Bay Area Divers participated in either 2010 or 2011.
- ◆ Include your name, the event, approximate date, and identify who or what is in the picture.
- ◆ Submit photos by August 15, 2011 to PhotoContest@BayAreaDivers.org

By submitting your photos to this contest you are agreeing to release the photos to be published in the Bay Area Divers newsletters, the bayareadivers.org website, or the Bay Area Divers Facebook page.

Bay Area Divers

In Association with Save Our Leatherback Turtles Organization

\$\$ Club Fund Raising Project \$\$
"Turning Energy into Income"

www.BayAreaDivers.IgniteInc.biz

For more information contact Dennis Camp
Phone 281.703.6492 Email: dcamp@hibexintl.com

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THE BIG STING: **Fear the jellyfish**

By LANA BERKOWITZ Copyright 2011, HOUSTON CHRONICLE
July 18, 2011, 5:49PM
Sent in by Jim Ward

Stinging jellyfish or Portuguese man-of-war are much more likely to put a damper on a beach vacation than a shark bite.

Author Peter Benchley, who took the fear of death by shark to a new level with *Jaws*, said: "I've never been hurt by a sea creature, except for jellyfish and sea urchins."

Jellyfish, with their stinging tentacles, thrive in all oceans. Along the Gulf Coast, victims describe the pain from a brush with a jellyfish as similar to bee stings.

The Portuguese man-of-war is related to the jellyfish, similar in appearance and also will sting the heck out of you.

Beachcombers should not touch the washed-up gelatinous creatures. Even dead or beached jellyfish and detached tentacles can keep stinging.

JELLY BELLIES

Jellyfish eat plankton, juvenile barnacles, crabs, fish and even other jellies. Sea turtles love to eat jellyfish. Humans are more likely to find jellyfish on the menu in Asia.

FEEL THE BURN

Any jellyfish sting can kill if the victim has an allergic reaction. Most reactions along U.S. beaches, however, range from a barely noticeable sensation to rashes. Common Gulf Coast jelly stingers are moon, big pink, lion's mane and stinging nettle. The highly venomous box jellyfish, aka sea wasp, also has been spotted.

OH, MAN, THAT HURTS

Don't touch the burning rash streaks of Portuguese man-of-war stings. Use something like a credit card to scrape off the tentacles, which are almost invisible. Place the affected area under hot (not scalding) water or apply warm compresses. Nonprescription hydrocortisone cream or antihistamine tablets may relieve the itching rash that may follow.

DON'T PEE ON MY LEG

On *Friends*, when Monica is stung by a jellyfish, Joey and Chandler remember hearing that urine would reduce the pain of a jellyfish sting. In reality, there is no proof urine will help. If you get stung, splash the area with salt water. Then apply a paste of unseasoned meat tenderizer. Don't press the skin. Regular vinegar or a solution of one part bleach to 10 parts water also works to alleviate pain.

SHIP AHOY

The man-of-war got its name because it looks a bit like an early Portuguese sailing vessel. It also is known as a blue bottle and blue bubble.

MOVE LIKE A JELLYFISH

Delicate jellyfish are 98 percent water. They range in size from less than an inch to nearly 7 feet long, with tentacles more than 100 feet long. They can propel upward but de-

WHAT BIG TENTACLES YOU HAVE

Competing for largest jellyfish honors are the lion's mane jellyfish (Arctic Ocean and northern Pacific Ocean), which can have tentacles reaching 120 feet, and Nomura's jellyfish (Yellow Sea and East China Sea), which can reach 79 inches in body diameter and about 440 pounds.

Read more: <http://www.chron.com/disp/story.mpl/life/main/7658728.html#ixzz1SbHn8Q00>

MAMMOTH LAKE DIVE

Saturday, June 25th, 2011

From 11am-5pm they was lots of fun, food and lots of diving with 37 attendance.



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August Speaker

Hydrothermal Worm Viewed Under An Electron Microscope

August 27th, 2011

BAD General Membership Meeting

Chuck Noe– Will be talking about “**Goodenough Springs Exploration Project**” & the “**Jacob's Well Exploration Project**”

Chuck has been diving since 1980, earned Full-Cave Diver certification in 1996, and Advanced Trimix Instructor certification in 1997.

"Goodenough Springs Exploration Project" Cave divers from the Goodenough Springs Exploration Project surpassed their previous exploration efforts by successfully penetrating this high-flow underground aquifer to a depth of 515 feet (lake level 1098 ft). This dive confirms Goodenough Springs as likely the deepest explored underwater cave system in the United States.

"Jacob's Well Exploration Project" Jacob's Well is one of the most significant natural geologic treasures in the Texas Hill Country. It is one of the longest underwater caves in Texas and an artesian spring.

This will be an OUTSTANDING MEETING!

The Huffington Post Dean Praetorius

First Posted: 7/18/11 05:24 PM

ET Updated: 7/18/11 05:48 PM ET

Sent in by Jim Ward

This is not photoshopped, no clever graphics, no movie scene... it's a [hydrothermal worm](#).



And it's a **real** creature.

It's just really, really small. So small in fact, that this image comes from an [electron microscope](#).

Taken using an [FEI Quanta SEM](#), this image is amazingly zoomed in 525 times. The real width of the field in the image is 568µm, or 568/1000 of a millimeter. It's far larger than an atom, but still among the smallest living things.

The worm, as scary as it looks, is something most people will never actually get to see (or have to worry about, for that matter). Hydrothermal worms are deep sea creatures, almost as small as bacterium, and are largely found near [hydrothermal vents](#) in the ocean.

This shot was captured by Philippe Crassous and submitted to FEI's gallery. Other amazing shots taken using FEI's microscopes [can be seen here](#).

Last month, scientists reported they had discovered the first multicellular life in the deep subsurface biosphere, or rather, "[worms from hell](#)." But perhaps the title is more fitting for this [hydrothermal worm](#).

The full image, courtesy of [FEI and Philippe Crassous](#):

MAMMOTH LAKE DIVE - TREAT

Mei-Hwa's Sangria Recipe

It's HEB's... So she says!

Sent in by Mei-Hwi Ferguson



- 1/2 Bottle Sauvignon blanc
- 1 bottle Italian blood orange soda
- 1 orange sliced
- 1 lemon sliced
- 1 lime sliced
- 3 cups red seedless grapes frozen

That's all there is to it.



Replacement Card info:



YMCA card was stolen, do not panic. Even though they have closed the program for diving, you can still get a card.

You can get a replacement card (if you were certified after 1984) from the YMCA. You can also get a letter from the YMCA and send off for a CMAS equivalency card. You need a letter from the YMCA first. I think the YMCA card is \$50, a letter is \$25, and the CMAS card is \$75. Here is a link to the sites.

YMCA replacement forms and info:

<https://www.signup4.net/public/ap.aspx?EID=20071257E&OID=100>

CMAS info:

<http://www.cmasamericas.com/services.htm>

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ANSWER FOR INVASIVE SPECIES: PUT IT ON A PLATE AND EAT IT

Although the lionfish appears off-putting, some see a growing place for it on American plates."

By [ELISABETH ROSENTHAL](#)

Published: July 9, 2011

Sent in by Patrick Newman

With its dark red and black stripes, spotted fins and long venomous black spikes, the lionfish seems better suited for horror films than consumption. But lionfish fritters and filets may be on American tables soon.

An [invasive species](#), the lionfish is devastating reef fish populations along the Florida coast and into the Caribbean.

"Humans are the most ubiquitous predators on earth," said Philip Kramer, director of the Caribbean program for the [Nature Conservancy](#). "Instead of eating something like shark fin soup, why not eat a species that is causing harm, and with your meal make a positive contribution?"

While most invasive species are not commonly regarded as edible food, that is mostly a matter of marketing, experts say. Imagine menus where Asian carp substitutes for the threatened Chilean sea bass, or lionfish replaces grouper, which is overfished.

"We think there could be a real market," said Wenonah Hauter, the executive director of Food and Water Watch, whose 2011 [Smart Seafood Guide](#) recommends for the first time that diners seek out invasive species as a "safer, more sustainable" alternative to their more dwindling relatives, to encourage fisherman and markets to provide them.

Dr. Kramer is concerned that the marketing of lionfish might increase the number of traps on reefs, which could trap other fish as well. "We are not going to be able to just eat our way out of the invasive species problem," Dr. Kramer said. "On the other hand, there are places where this can be a very useful part of the strategy."

Lionfish, it turns out, looks hideous but tastes great. Lionfish, like grouper, can carry ciguatoxin, which causes vomiting and neurological symptoms, so they cannot be taken from water where the microbe that produces the toxin is found. The fish's venomous spines must be removed before sale, although that is not a serious marketing obstacle.

Last summer, the [Nature Conservancy](#) sponsored a lionfish food fair in the Bahamas, featuring lionfish fritters and more. They offered fishermen \$11 a pound — about the price of grouper — and got an abundant supply. Lionfish, native to the Indian Ocean and South Pacific, arrived in the Caribbean in the early 1990s and are spreading rapidly; voracious eaters, they even eat juveniles of native fish.

Whales, plankton migrate across Northwest Passage

By ARTHUR MAX,

Associated Press – Feb. 21, 2011

Sent in by Jim Ward

FILE - In this file photo, a tail of a gray whale surfaces at the Ojo de Liebre lagoon in Guerrero Negro, Mexico. When a 43-foot (13-meter) gray whale was spotted off the Israeli town of Herzliya last year, scientists came to a startling conclusion: it must have wandered across the normally icebound route above Canada, where warm weather had briefly opened a clear channel three years earlier. On a microscopic level, scientists also have found plankton in the North Atlantic where it had not existed for at least 800,000 years. The whale's odyssey and the surprising appearance of the plankton indicates a migration of species through the Northwest Passage, a worrying sign of how global warming is affecting animals and plants in the oceans as well as on land. (AP Photo/Guillermo Arias, file)



Florida anglers win titanic struggle against 1,000-pound mako shark

The great predator bit on a slab of bonito 16 miles off Elliott Key

A group of Florida bankers who embarked on what they'd planned as a friendly fishing competition this past weekend instead became engaged in a titanic team struggle against a **1,000-pound mako shark**.

The great predator bit on a slab of bonito 16 miles off Elliott Key and subsequently leaped 10 feet clear of the water. It then settled in for a deep-water fight that lasted four hours and 7 men taking turns.



(To witness the chaos alongside the boat, see video <http://www.grindtv.com/outdoor/blog/27995/florida%20anglers%20win%20titanic%20struggle%20against%201000-pound%20mako%20shark/>)

Editor's note: Anyone every heard of JAWS????



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Trips and Activities

LET'S GET WET!

Join us at Lake 288



Saturday, August 20th, 2011

from 11am-4pm

**4800 Schurmier Rd
Houston, TX 77048**

\$15/day for divers

Air & NITROX fills available on site

Admission is \$15, air fills are \$8, non-divers \$5.

BAD will be providing Burgers & Hot Dogs
with fixings for members.

Bring your drinks and a side items to share.

Come out and bring a comfy chair,

For more info, email: Events@BayAreaDivers.org

Saturday, July 9th, 2011

Twin Lakes Dive—20 people

**They had lots of fun
and good diving.**



FLOWER GARDEN BANKS NATIONAL MARINE SANCTUARY

Please visit our web site for details and photos: <http://flowergarden.noaa.gov>

August All Month

Whale sharks may be sighted in the sanctuary. Aggregations of small squid may be noticed during coral spawning.

19-22 — Mass Coral Spawning

Predicted mass coral spawning.

September All Month

Whale sharks may be sighted in the sanctuary. Aggregations of small squid may be noticed during coral spawning.



Copyrighted by © Gordon

August Speaker

August 27th, 2011

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Bay Area Divers
P.O. Box 58404
Houston, TX 77258
409-622-3022
409-6BA-D022

Catch us on the web at:

WWW.BAYAREADIVERS.ORG
FACEBOOK: BAYAREADIVERS - GROUP
TWITTER: BAYAREADIVERS

Dive Smart!
Dive Safe!
Dive Happy!

36th Annual Scuba Divers Market & Expo Saturday, Oct 8, 2011



C.D. "CAP" LANDOLT PAVILION

(6 Miles East of I-45)

5000 NASA Parkway

10:00 am -4:00 pm

\$6.00 ADMISSION



NEW AND USED EQUIPMENT AND DIVING ACCESSORIES AT DISCOUNT PRICES!!!

Over 75 Spaces with Dive Shops, Dive Clubs, Conservation Groups, Etc.

Consignment Table Set Up to Sell Individual Equipment

Door Prizes Every Hour – Refreshments and Food Too!

For more information contact Doreen Wells at (409) 622-3022 or diversmarket@bayareadivers.org
Or visit our website at: <http://www.bayareadivers.org>, email: info@bayareadivers.org

[We need Volunteers](#) to help put on our club's only major fundraiser. All paid members get in for free and can put up to three items on the consignment table for free. [PLUS, the market has been sanctioned by the TGCC! Participants can earn points towards TGCC awards.](#) All guests and non-members pay \$6 admission. Door Prizes are drawn every hour and new and used items are for sale at great prices. If you are interested in volunteering for a couple of hours at the event, all volunteers get a T-shirt and are invited to attend our after party and barbeque with special door prizes just for the volunteers. Let us know if you need more information on any of these activities. You can sign up at the meeting or Please contact Ja Van Pruett for your assignments caladyfish@yahoo.com or call (979) 549-0995.