

# MARIN SCUBA CLUB NEWSLETTER

**VOLUME 31, NUMBER 5**

**MAY 2023**

## May 10, 2023 Meeting: Eva Paulus, “Deep Sea Fish & Research”

Eva is a marine biologist who has been on five research expeditions to study a broad variety of animals, from large fishes to tiny crustaceans.



*Say hello to Eva and her little deep-sea friend.*

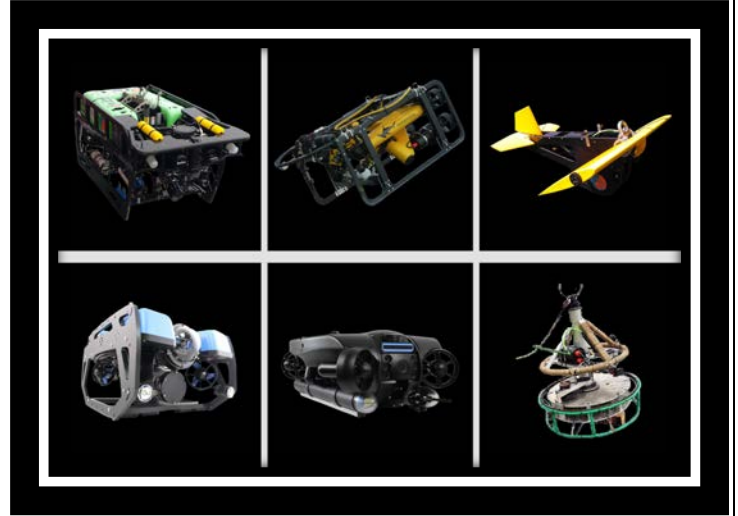
During her graduate studies, she participated in expeditions to the Azores and Iceland to study deep-sea hydrothermal vents along the Mid-Atlantic Ridge.

Plunging deeper into her studies and the ocean, she spent 74 days on the German research vessel *Sonne* in 2021, learning about the amazing animals living in the mesopelagic zone between 200 and 1000m depth.

Join us on May 10<sup>th</sup> for her live presentation as Eva shares some of the images captured by nature photographer and biologist, Solvin Zankl, who was able to join two of her most recent expeditions.

## April Meeting Recap: Dirk Rosen, “Sustainably Managing an Unexplored Ocean with Submarines”

A lively in-person and Zoom crowd was treated to a variety of images, videos, and anecdotes by Dirk Rosen at our last meeting.



*MARE's ROVs have fun, yet functional names: BATfish, Beagle, Lander, Mantis, and Hammerhead.*

Dirk said, “Scuba diving was a gateway to my career – first as a diver, next as an instructor, then as an ocean engineer. My first job was working for Sylvia Earle for about 10 years. I realized that overfishing of rockfish and others was getting worse, so I wanted to do something about ocean conservation.”

To that end, there are now 124 California Marine Reserves, created by the 1999 Ocean Conservation Act, that protect about 15% of our coastal waters.

His company, Marine Applied Research and Exploration ([www.MareGroup.org](http://www.MareGroup.org)), was founded to assess ocean health — from the bottom up — and work in the biomass zone. It is involved in:

- Ocean survey planning, and organization
- ROVs, field operations, and technical support
- Geo-referred analysis of videos
- Post-survey processing, analysis, and reporting
- Tagging sharks to track them between Cocos Island and the Galapagos
- Mapping coral and fighting infections in the BVIs

**See Dirk Rosen, Subs, Page 2**

## It's A Morbid Job But Somebody's Got to Do It

### Finding Dead Bodies Underwater

Plumbing the mucky bottoms of lakes, rivers and S.F. Bay for dead bodies is highly technical, sometimes gruesome work. But a small cohort of East Bay forensic scuba divers has created a new nonprofit to do just that. Read in S.F. Chronicle; thanks to Bryan Eckart:

<https://www.sfchronicle.com/bayarea/article/divers-body-recovery-california-17881272.php>



## 'Rare' Video Shows Whale and Dolphin Dancing Together Off Hawaii Coast

The incredible drone footage was captured off Oahu's north shore. Read in Daily Mail; thanks again Bryan!!

But his friend, Mary Ann Shramm, adds, "It's really not unusual... It happens often in local waters with gray whales since they tend to be "trucking" straight through on their migration... Otherwise, good fun, no? And dolphins are smart — they need to be amused during down times. So what better companion than a lunkish whale; or in this case, a tolerant juvenile humpback (really a lot smarter than most baleen whales)."

View this incredible footage here:

<https://tinyurl.com/d5c8nv74>

## Humpback Whales Enjoy 'Spa' on Ocean Floor

<https://www.cnn.com/videos/us/2023/04/27/whale-day-spa-gold-coast-australia-cprog-orig-ht.cnn>

## Dirk Rosen, Continued

MARE's three goals include:

1. A healthy, resilient ocean
2. A sustainable, productive ocean
3. A transparent, sustainable ocean

Thanks in part to MARE's efforts, fish counts have increased by 300% both inside and outside of reserves, they've helped replant deep sea gorgonian sponges for medical uses in antibiotics and cancer drugs, and they've helped protect 30% of reefs in the Hawaiian Islands, especially Maui.

Finally, MARE helps protect wild fish and invertebrates for future generations. Find our more and donate to: [www.MareGroup.org](http://www.MareGroup.org).

## 20<sup>th</sup> Annual International Ocean Film Festival

Several members attended this April 6 event. They particularly loved "Patrick And The Whale" — an emotional journey about an Austrian man and a sperm whale.

Great news: It will be shown again at the Rafael Theatre on Sunday, May 14 @ Noon, along with the Bay Area premier of a nine-minute short called "A Disappearing Forest". Read more:

<https://www.doclands.com/patrick-and-the-whale/>

## Please Renew Your Membership Now.

Every month, more of our members continue to renew, but not everyone has done this quite yet.

Please renew soon — current members will now be paying a \$10 late fee, so your fees will be a very reasonable \$60 for singles and \$89 for couples.

Visit our website to complete your online form.

Renewing members:

<https://marinclub.org/membership/>

New members can join by paying \$50 for singles and \$79 for couples at the same address:

<https://marinclub.org/membership/new-membership/>

Our number of members continues to be at record highs and we're proud to be a vibrant club in Northern California.

# BOTTOM TIMES

## MEETINGS

**Wed., May 10, Eva Paulus, “Deep Sea Fish and Research”.** Hybrid Club Meeting — 7:00-8:45pm.  
<https://us02web.zoom.us/j/7983463827?pwd=UGEREJ4VFoycmZRZ2IPWnM5NGp6dz09>  
Meeting ID: 798 346 3827                      Passcode: 755205

**Wed., June 14, Sea Women “Arctic Expedition”,** Carol Blickenstorfer, Whitley Mike & Virginia Bria.  
Hybrid Club Meeting — 7:00-8:45pm.

**Wed., July 12, Sean Wheelers, “Rebreathers: Show & Tell from Bamboo Reef”.** Hybrid Club Meeting — 7:00-8:45pm.

**Wed., August 9, Linda Lanniello, “Black Water Diving”.** Hybrid Club Meeting — 7:00-8:45pm.

**Wed., Sept. 13, “Blue Frontier Campaign: California Kelp Crisis — Working to Save The Sequoias of The Sea”.**  
Speakers: David Helvarg, Exec. Director & Assoc. Director, Natasha Benjamin. Hybrid Club Meeting — 7:00-8:45pm.

**Wed., October 11, MSC Member Presentations.** Hybrid Club Meeting — 7:00-8:45pm.

**Wed., November 8, Renee Cappozola, “Beneath The Sea Imaging”, 2021 Underwater Photographer of The Year Winner,** Hybrid Club Meeting — 7:00-8:45pm.

## EVENTS

**Sat., June 3 – Sun., June 4, Scuba Show Long Beach,** <https://scubashow.com>. Gil Zeimer will be leading a workshop on 6/4, 3-4pm: *“Blogging About Bubbles: “How to Get Published”*. This is America’s largest diving expo with over 10,000 diving enthusiasts expected and over \$40,000 in door prizes!

## PARTIES

**Sat., June 17 – Spring Social,** Jeffrey and Simma’s Farm Home in Sebastopol. Evites have been sent. If you did not receive your Evite, contact Barb: [blwambach@comcast.net](mailto:blwambach@comcast.net)

**Th., August 10 – Sun., August 13 – Dive & Dine, Russian Gulch State Park Campsite.** Details to come.

**Sun., December 3 – Holiday Party.** Save the date for an afternoon party at Barb’s home. BYOB. The club will provide non-alcoholic drinks, lamb chops, turkey meatballs and more. Evites will go out in October. (Not serving smoked salmon this year due to fishery closure.)

## DIVE TRIPS

**July, Lake Tahoe,** A weekend of hiking, biking, and diving. CANCELLED as campsites are sold out.

**October 26 – November 5, Roatan** – Eleven members are confirmed for 10 nights’ accommodations at The Splash Inn. 16 dives and breakfast are \$1,225 for double occupancy and \$1,666 single occupancy each. Airfare is separate. Contact [blwambach@comcast.net](mailto:blwambach@comcast.net) if interested. Rooms are limited.

**January 2024, Philippines, 2 weeks** – Arrive Manila by January 11th. January 12th: van transfer and stay at the **Buceo Anilao Beach & Dive Resort** (6 nights with 4 days unlimited diving). Accommodations, transfers, breakfast and 15 dives are \$1010 for a single and \$825 for a double. On January 18<sup>th</sup>, travel to **El Galleon Dive Resort**. Seven nights’ accommodations, 6 days unlimited diving, transfers and breakfast \$1380 for a single and \$1162 for a double. Not included in above pricing is airfare, tips, Nitrox, rental gear, etc. Both resorts are a few hours from Manila and still have space available. Eight members are confirmed. The most desirable poolside rooms are running out. Contact [blwambach@comcast.net](mailto:blwambach@comcast.net) if interested.

**The Marin Scuba Club promotes safe diving.**

**Remember to always plan your dive based on the conditions, be aware of your skills and equipment, and, above all, always stay with your buddy.**

If you want to renew or join MSC, visit our Membership pages or contact Julie Finley for a PDF form.



**Marin Scuba Club**  
28 Marinero Circle, #30  
Tiburon, CA 94920

**Next Meeting:**  
**Wednesday, May 10,**  
**Eva Paulus,**  
**“Deep Sea Fish and**  
**Research”**

**In-Person & Zoom**  
**Hybrid Meeting:**  
**Sausalito Parks & Rec**  
**Center, Edgewater Room,**  
**420 Litho Street, Sausalito.**

**The Club now meets on**  
**the 2nd Wednesday**  
**each month.**

**Renew your**  
**membership now.**

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**Marin Scuba Club: Board of Directors**  
<http://www.marinscubaclub.org>

**BOD Chair**

Barbara Wambach, Chair [chair@marinscubaclub.org](mailto:chair@marinscubaclub.org)

**BOD Vice Chair/Social Media**

John Lewis, Vice Chair [vchair@marinscubaclub.org](mailto:vchair@marinscubaclub.org)

**Treasurer**

Marc Paris [treasurer@marinscubaclub.org](mailto:treasurer@marinscubaclub.org)

**Secretary**

Lisa Kuhn [secretary@marinscubaclub.org](mailto:secretary@marinscubaclub.org)

**Membership Coordinator**

Julie Finley [membership@marinscubaclub.org](mailto:membership@marinscubaclub.org)

**Member Relations**

Ellen Sakoloff [relations@marinscubaclub.org](mailto:relations@marinscubaclub.org)

**Newsletter Editor/Publicity/Webmaster**

Gil Zeimer [newsletter@marinscubaclub.org](mailto:newsletter@marinscubaclub.org)

**Activities Coordinators**

Barbara Wambach [activities@marinscubaclub.org](mailto:activities@marinscubaclub.org)

**Program Coordinators**

Virginia Bria [program@marinscubaclub.org](mailto:program@marinscubaclub.org)

Bryan Eckert [program2@marinscubaclub.org](mailto:program2@marinscubaclub.org)

**Special Program Coordinator:** Ken Carter [kc@marinscubaclub.org](mailto:kc@marinscubaclub.org)