

Volume 1, Issue 8



Florida Marine Aquarium Society

www.fmas1955.org

The logo is circular with a dark blue border. Inside, the text "FLORIDA MARINE AQUARIUM SOCIETY" is written in yellow, uppercase letters. The central image features a black and yellow striped fish, a green map of Florida with a red star, and a white aquarium stand with a glass tank.

-Under The Surface Newsletter-

We are wrapping up the year with a fantastic Florida Marine Aquarium Society Annual Holiday Party at the Chemipure/RAD/Jellyfish Art building starting at 2 PM tomorrow. The address is 3510 NW 53 St, Fort Lauderdale, 33309. Our building has been home to FMAS since the first quarter of this year, and we have had some really great speakers this year, including Shelby Thomas, Colin Foord, Julian Sprung, and Chris Meckley, and we had a great turtle release one night in July and then a wonderful BBQ and tour of the Marco Rocks facility with Joe Capparrata as the guest speaker teaching us about Big Rockscaping! It's been a great year; we have numerous new members, and the club is growing, and its members are willing to share valuable information about the care of their aquariums and the marine creatures thriving in their aquariums.

Tomorrow's Holiday Party will feature Nick McMahon, coral biologist extraordinaire from Mote Marine, who will be presenting on Mote's Coral Gene Banking program that he is operating with the team at Mote Marine. This talk is going to be super interesting to anyone with a coral reef aquarium and anyone involved in coral restoration efforts here in Florida and worldwide. We have the La Paella Chefs here; we have Traeger Smoked Brisket and Bacon, lots of other foods, snacks, soft drinks, and plenty of fishy people attending that you don't want to miss speaking with. Food will start to be served at 3 PM, and Nick's talk will start after we all enjoy the delicious food. We also have a team of "old-time" FMAS members, including Bob Swedroe, Paul Steinberg, Gerard Loisel, Julian Sprung, Herman Jordan, and several others who will share their experiences with FMAS through the years, starting way back in the early 1960s! There's a coral, fish, and book raffle, plus you can sign up to be a new member or to renew your membership for 2025.

The weather will be perfect for our annual holiday party, and we are looking forward to seeing great friends, great aquarists, a great speaker, and to having a wonderful time.

See you tomorrow,



Jeff Turner

INDUSTRY NEWS

OI Release 300 Aquacultured Yellow Tangs into Hawaiian Waters



The Oceanic Institute of Hawaii Pacific University has released over **300 juvenile aquacultured yellow tangs** into the waters of Oahu, part of the Hawaiian island chain and home to the State capital Honolulu. Gregory Fischbach of HPU Daily News writes:

“the initiative carried out in collaboration with Georgia Aquarium and Disney’s Aulani Resort, represented the first documented release of fish in Hawaii aimed specifically at ecosystem restoration rather than food production—a significant step toward preserving Hawaii’s coral reefs.”

“A surplus in yellow tang production allowed OI to expand conservation efforts beyond aquarium display. With DLNR approval, OI released these aquacultured fish into the wild, providing the reef with natural grazers to control algae and support greater biodiversity. As herbivores, yellow tang play a vital role in coral reef health by controlling algae, preventing it from overwhelming the coral and thus promoting coral growth and resilience.”

“The milestone release demonstrated how aquaculture can directly support reef health and serves as a model for future restoration efforts across Hawaii. Through this initiative, OI and its partners have set a foundation for using ecosystem services to preserve Hawaii’s coral reefs for generations to come.”

The above is a news release from Hawaii Pacific University. To learn more about OI and their finfish department, [click here](#).

Monthly Science Article



The Marvel of Moon Jellyfish: Ancient Biology Meets Modern Nano Aquariums

Nano aquariums have captured the imagination of hobbyists and interior design enthusiasts alike, celebrated for their compact size and ability to transform small spaces into vibrant, living displays. Within the saltwater nano tank community, jellyfish aquariums have carved out a unique niche, offering an otherworldly aesthetic that is as mesmerizing as it is relaxing. These minimalist tanks highlight the ethereal beauty of moon jellyfish, whose gentle, pulsating movements create a living piece of kinetic art.

Jellyfish are among the most ancient creatures on Earth, with a lineage stretching back over 500 million years! Long before dinosaurs roamed the planet. Despite their simplicity, lacking a brain, heart, or bones, jellyfish have thrived in oceans worldwide thanks to their ingenious nerve net, which enables them to sense and respond to their environment. Moon jellyfish, in particular, captivate onlookers with their translucent, glowing bodies. This glow, caused by the refraction of light through their bell-like structures, gives them an almost supernatural beauty under the right lighting conditions.

Jellyfish Art, a company dedicated to sustainable practices, is leading the way in bringing these fascinating creatures into homes and offices. By aquaculturing moon jellyfish rather than harvesting them from the wild, they help protect ocean ecosystems while ensuring that their jellyfish are healthy and adapted to captive life. Moon jellyfish are also ideal pets for nano aquariums, easy to care for, hypnotic to watch, and a stunning addition to any small space. With their ancient biology and timeless beauty, jellyfish represent the perfect fusion of nature and modern design.

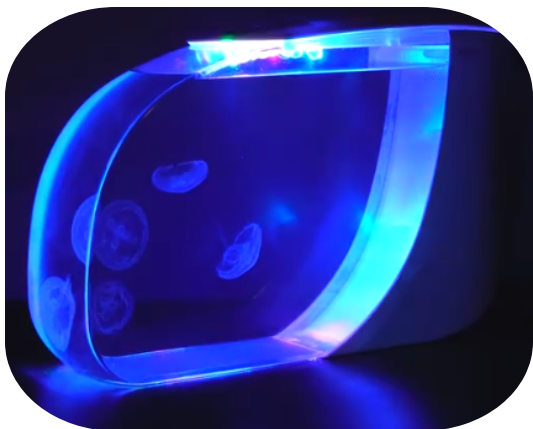


Photo Of The Month



Vibrant corallimorph macro photograph by *Felix Salazar*

FMAS 2024 Calendar



Date: Saturday, December 7th
Time: 2pm-5pm

Location: Chemipure
3510 NW 53rd St,
Fort Lauderdale, FL 33309

-Paella, Smoked Brisket
-Nick McMahon (Mote Marine)

Holiday Party 2024

SEE YOU THERE!

12/07/2024 2:00 pm - 5:00 pm

- [FMAS Meeting and Holiday party](#)
"Old School" Frag Swap





[@FMAS1955 on Facebook](#)



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