



PAPA HĀNAUMOKUĀKEA
Marine National Monument

A World Heritage Site

NOAA ONMS Update

September 23, 2021 - December 15, 2021

Presented to the NWHI Coral Reef Ecosystem Reserve Advisory Council
Presented by: Athline Clark, NOAA Superintendent
December 15, 2021





Education & Outreach



Coral Champions Teacher Workshop



NOAA Data in the Classroom Coral Bleaching Module with participating teachers and staff (Photo: Justin Umholtz)

Third Thursday Talks at Mokuapāpapa Discovery Center



Top: (Photos: Ilana Nimz/Oikonos)
Bottom: (Photos: PMDP)

Newsletter



KU'I KA LONO - NEWS

'OKAKOPA - OCTOBER 2021



PMNM's [newsletter](#) serves as a means to share all of the wonderful activities taking place within and in support of Papahānaumokuākea. For the October newsletter, Ku'i Ka Lono means "the news spread" and also acknowledges the arrival of the Makahiki season when the star cluster Makali'i (Pleiades) rises shortly after sunset.

Instagram

Instagram

Search

papahanaumokuakea.hawaii Message

2 posts 97 followers 8 following

Papahānaumokuākea MNM
Government Organization
The Marine National Monument is a UNESCO World Heritage Site and the largest conservation area in the U.S., where Nature and Culture are One.
www.papahanaumokuakea.gov

Followed by noaasanctuaries, randykosaki, marinesanctuaryfdn +2 more

papahanaumokuakea: • Following ...

papahanaumokuakea.hawaii Aloha kaka'iāka (good morning) to our virtual 'ohana! We finally made it to Instagram and are so excited to share more of Papahānaumokuākea Marine National Monument with you all. The word has already spread of our new account to the Monument, as you can see here! (the honu and 'iliiholoikauaaua specially posed for this picture for us, so make sure they feel the love!)

Give us a follow/shoutout, spread the word to your 'ohana, and above all-stay tuned for more great content!

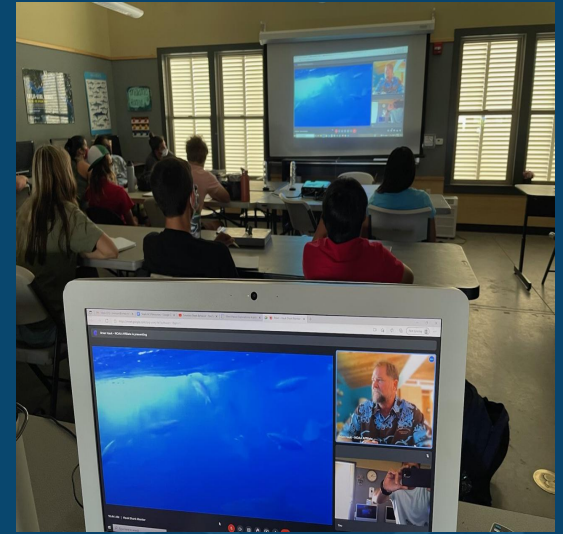
Be sure to follow our Facebook page too at: "Papahānaumokuākea Marine National Monument."

Liked by randykosaki and 71 others
3 DAYS AGO

Add a comment... Post

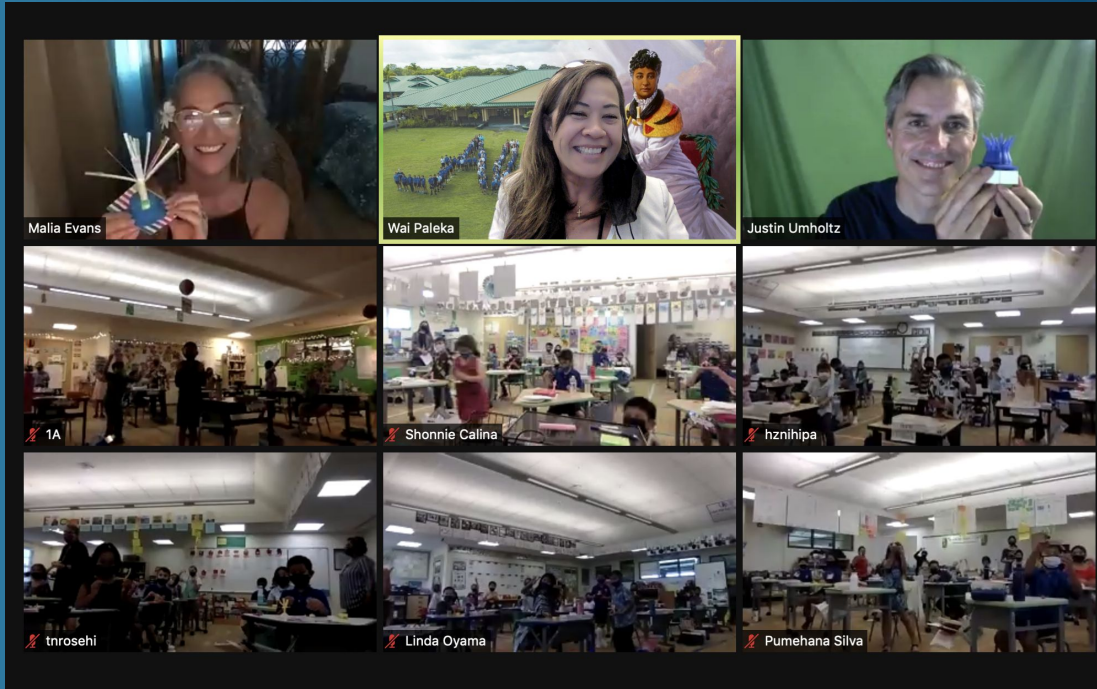
Papahānaumokuākea launched our official account on the social media site Instagram (@papahanaumokuakea.hawaii) to continue to connect with the public and share the wonders of the Marine National Monument and UNESCO World Heritage site.

PMNM Staff gives talk on Sharks in Monument and Careers in Marine Science



Images: (Left) Students watching a virtual presentation on PMNM and sharks (Center) WHEA's experimental shark tank (photos: Erik Swenson/WHEA) (Right) Mr. Hauk describing shark behavior from a bait ball video taken in PMNM during a decompression stop (Photo: Keo Lopes)

Kamehameha Schools Students Connect with MDC education team



MDC educators Malia Evans and Justin Umholtz teach about the foundational coral polyp to 6 classrooms of students at Kamehameha. (Photo: Waianuhea Paleka/Kamehameha)



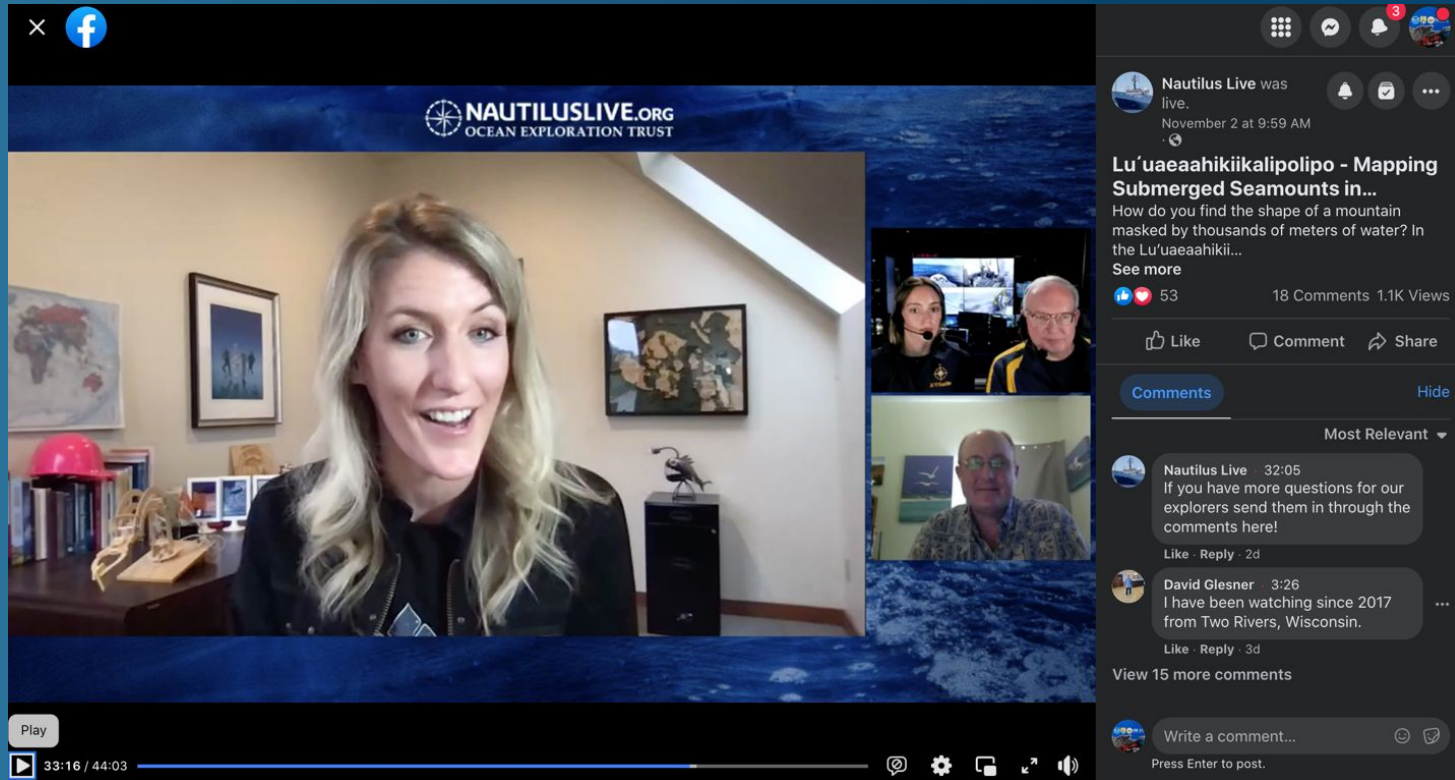
Students create their own coral colony, each coral polyp unique and valuable to the whole. (Photo: Waianuhea Paleka/Kamehameha)



Research & Field Operations



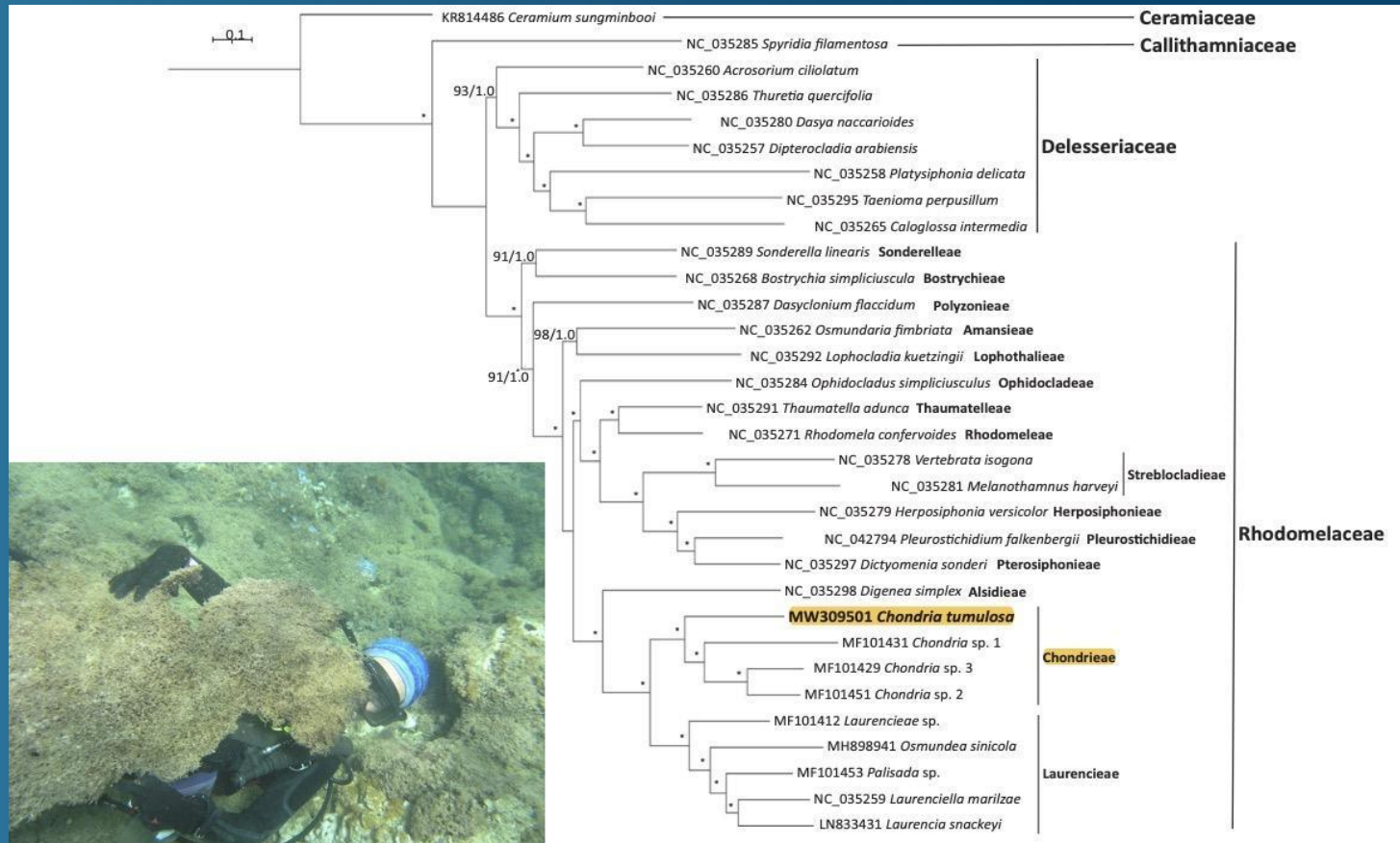
Nautilus Expeditions



*NautilusLive Q&A about the mapping expedition currently active in Papahānaumokuākea.
(Photo: Ocean Exploration Trust)*

The 40 minute-long event showcased the mapping capabilities aboard E/V Nautilus, why they are mapping the current area within Papahānaumokuākea, and an overview of the Monument and its cultural significance to Native Hawaiians. You can watch the recorded broadcast at: <https://www.facebook.com/nautiluslive/videos/564576067936020/> and you can follow the expedition, and future Ocean Exploration Trust missions at <https://nautiluslive.org/>.

Chloroplast Genome of the Nuisance Alga *Chondria tumulosa* Sequenced



Molecular phylogeny of *Chondria tumulosa* and 31 representative species of the Ceramiales (Rhodophyta), based on complete chloroplast genomes downloaded from GenBank. Maximum Likelihood method with 1000 bootstrap replicates clearly places the new alga within the genus *Chondria*.

Inset: *Chondria tumulosa* mat invasively overgrowing slow-moving diver Taylor Williams.



Awards



LTJG Evancoe receives 2021 NOS EEO & Diversity Award



LTJG Evancoe received a 2021 NOS EEO and Diversity Award for promoting diversity and inclusiveness and interest in NOS careers through his work with and mentorship of Native Hawaiian youth. This award recognizes significant contributions to NOS programs in promoting diversity and equal opportunities for advancement in the workplace and the demonstration of exceptional and sustained effort toward the accomplishment of NOS missions.

Upcoming Events

- **December 16:** No webinar in December.
- **January 20, 2022 at 12 PM HST:**
Luna Kekoa from Division of Aquatic Resources about “State of Hawai‘i Holomua: Marine 30×30 Initiative.” Register for webinar here:
<https://register.gotowebinar.com/register/4721478170096897038>



Mahalo! Questions?

