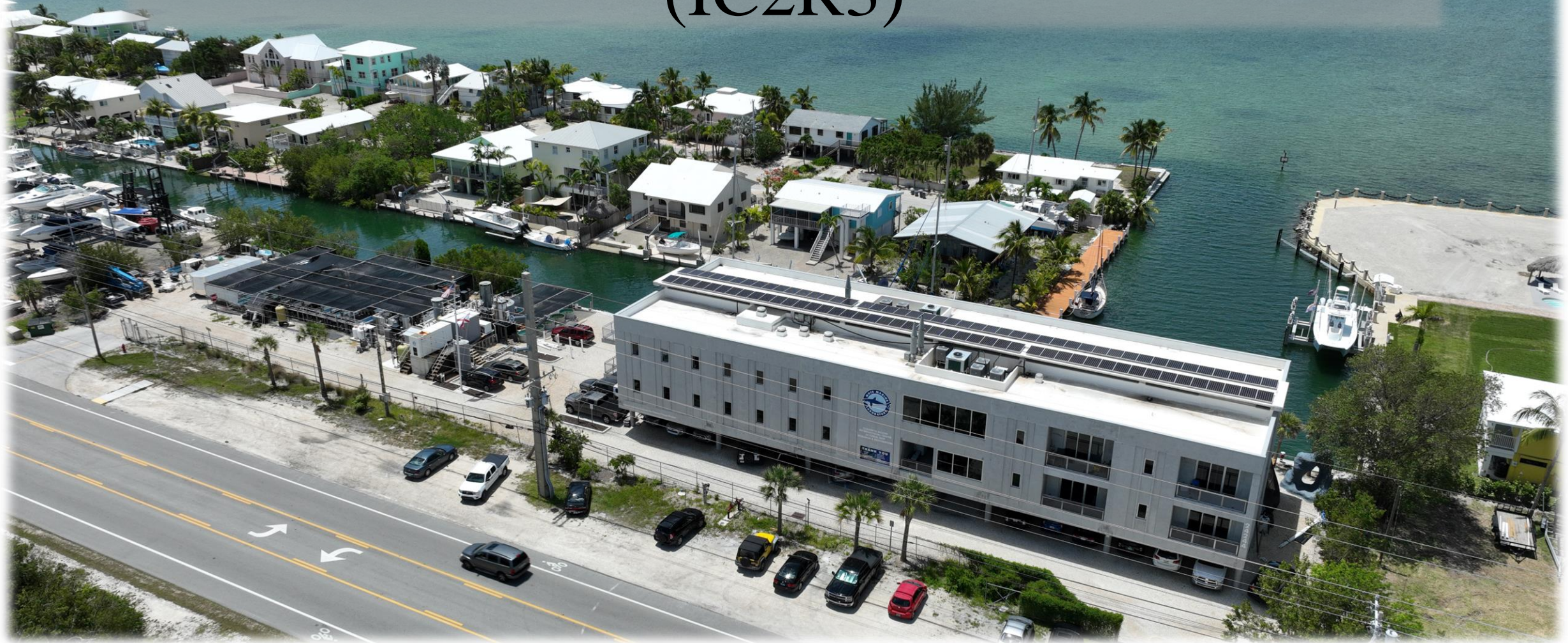


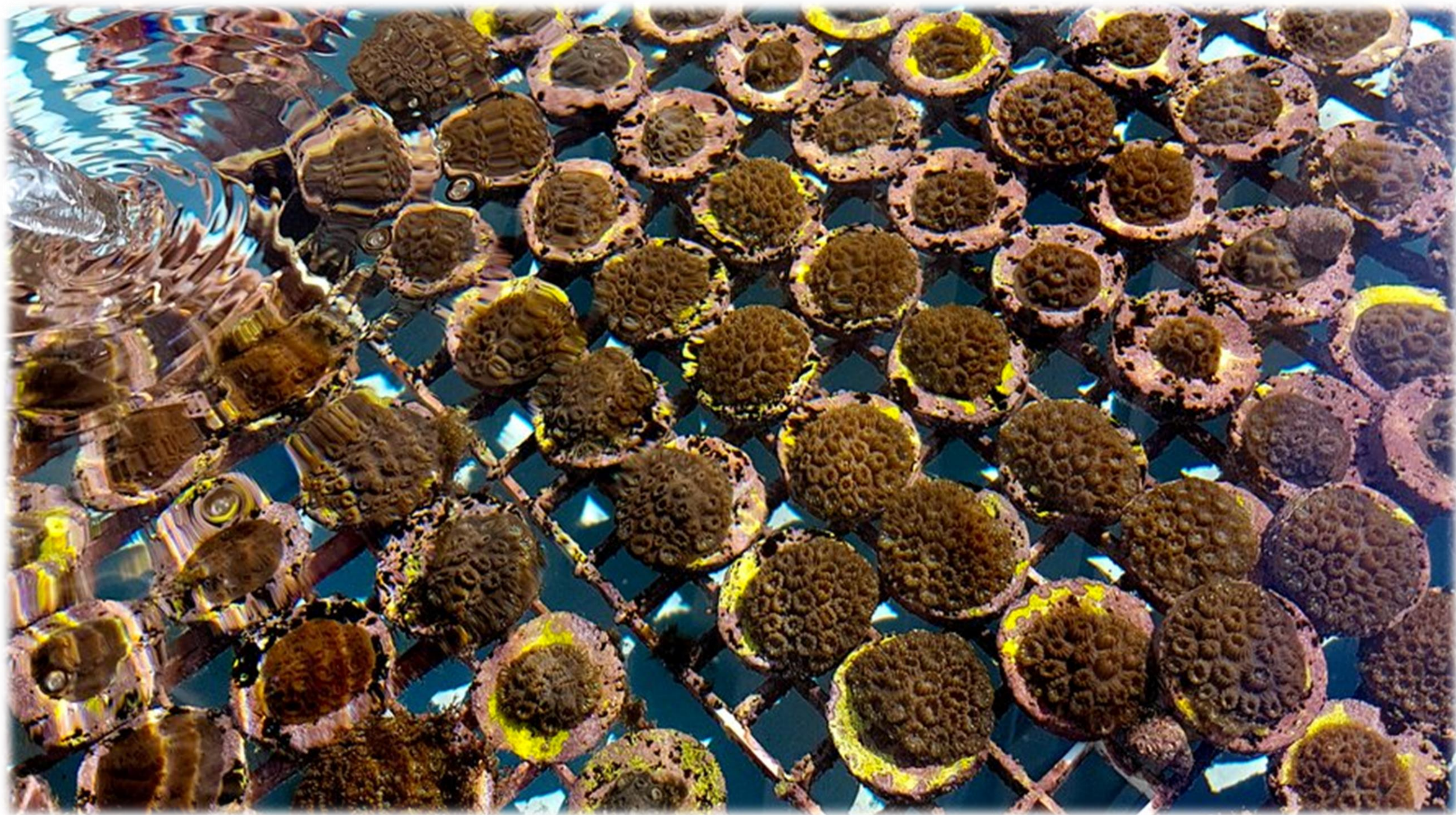


KEY WEST CORAL DISEASE RESPONSE & RESTORATION INITIATIVE

Dr. Michael Crosby
CEO & President
Mote Marine Laboratory

Mote's Elizabeth Moore International Center for Coral Reef Research & Restoration (IC2R3)











KEY WEST CORAL DISEASE RESPONSE & RESTORATION INITIATIVE

- Utilize endemic coral species' genetic strains that demonstrate enhanced resiliency to primary threats (increasing water temperatures/acidification & coral disease)
- Annual Goal: outplant over 1,000 corals to restore nearly 100 m² of a targeted coral reef to ~30% coral cover in Key West waters (a targeted reef in need of immediate restoration such as Higgs Heads, Sand Key, Rock Key, etc.).
- Conduct multi-year monitoring to assess survival and ecosystem health,
- Implement Key West public outreach campaign stressing importance of local coral reefs while highlighting City-sponsored conservation and restoration efforts.
- 10-Year Goal: 10,000 coral outplants to restore ~ 2.5 acres to ~30% living coral cover.





Key Haven

Key West Tropical Forest & Botanical Garden

Boys & Girls Key West Campground

Stock Island

POINCIANA PLAZA

Publix Super Market at Starbuckstown

Publix Super Market at Key Plaza

US Coast Guard Sector Key West

NEW TOWN

The Capitana Key West

DoubleTree Resort by Hilton Hotel Grand...

THE MEADOWS

Mallory Square Key West

Sloppy Joe's Bar

Truman Little White House

OLD TOWN

Key West

The Hemingway Home and Museum

Smathers Beach

Fort East Martello Museum

BAHAMA VILLAGE

CASA MARINA

Southernmost Point of the Continental USA

6310 ft

Google

News & Press

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On a mission: Mote and wounded veterans rebuild Key West coral reef

© July 14, 2023  Kaitlyn Fusco



On Thursday, July 13, Mote Marine Laboratory once again joined forces with members of the [Combat Wounded Veteran Challenge](#) (CWVC) to plant corals and restore the Higgs Head coral reef in Key West.

This event marks the eleventh year of a unique coral restoration partnership that enables combat wounded veterans the opportunity to participate in cutting-edge, science-based marine habitat restoration.

Combat wounded and injured veterans with various types of injuries including traumatic brain injury, transtibial (below the knee), transfemoral (above the knee) amputees, as well as many other less noticeable combat related injuries participated in this summer's planting. Many of the CWVC participants who had lost limbs were able to dive utilizing specialized waterproof prosthetics, some of which have been developed from research conducted during prior year's Mote-CWVC missions.

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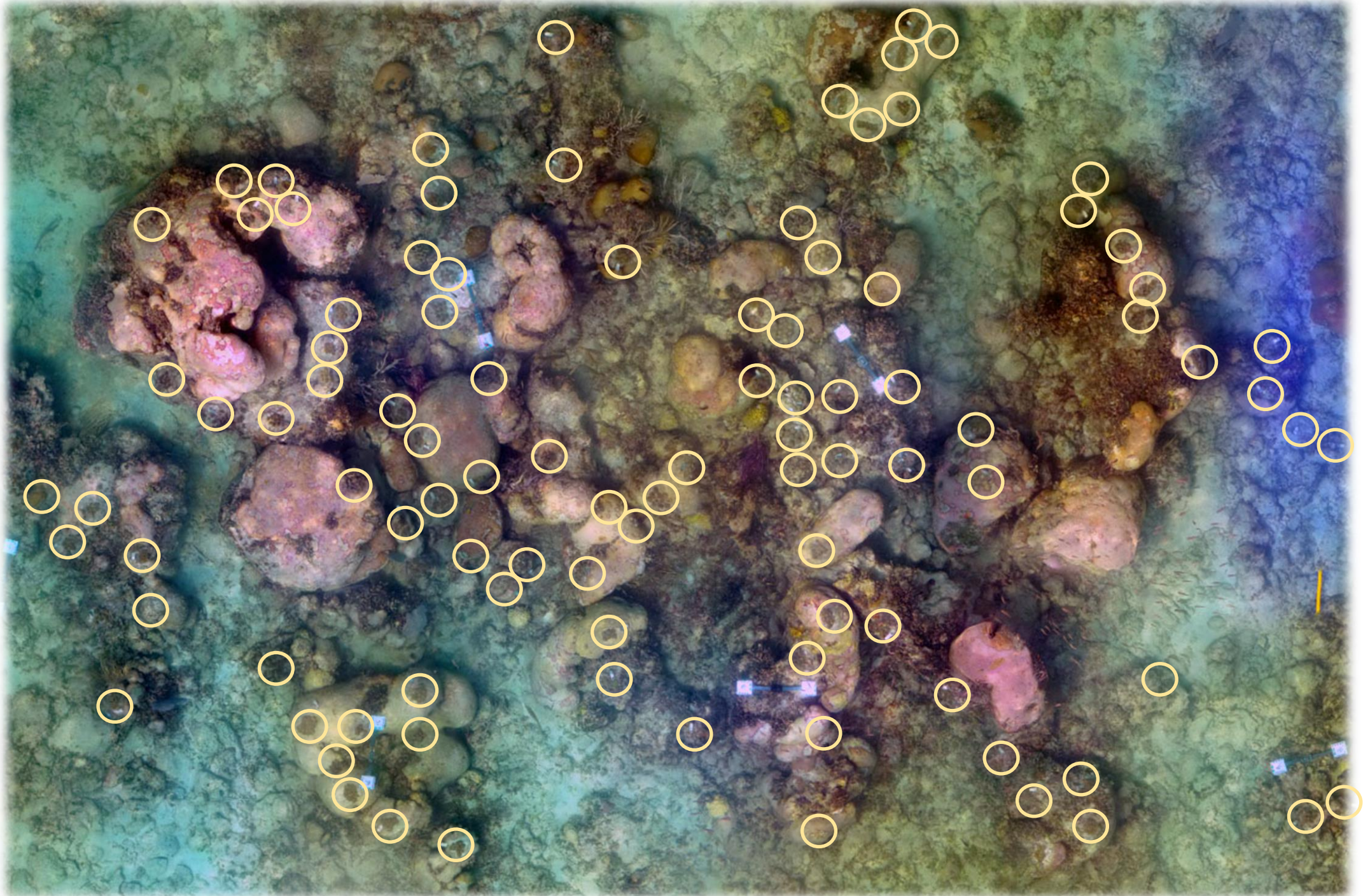
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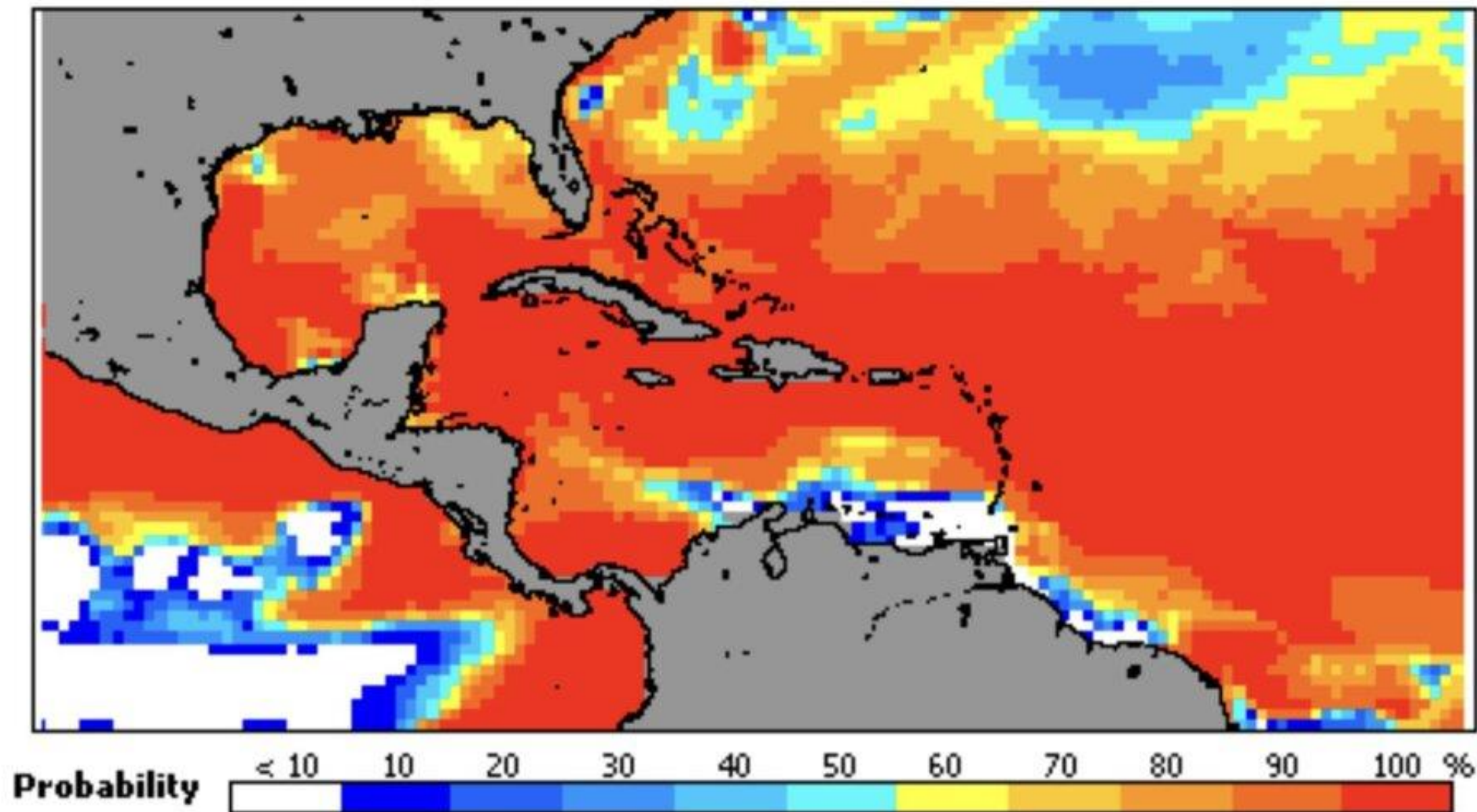
Keep up with Mote's latest news and events

First Name





2023 Jul 4 NOAA Coral Bleaching Probabilities (Alert 1 & 2) for Jul–Oct 2023
Experimental, v5.0, CFSv2-based, 28 to 112 Members







Diploria labyrinthiformis
Grooved Brain Coral



Porites astreoides
Mustard Hill Coral



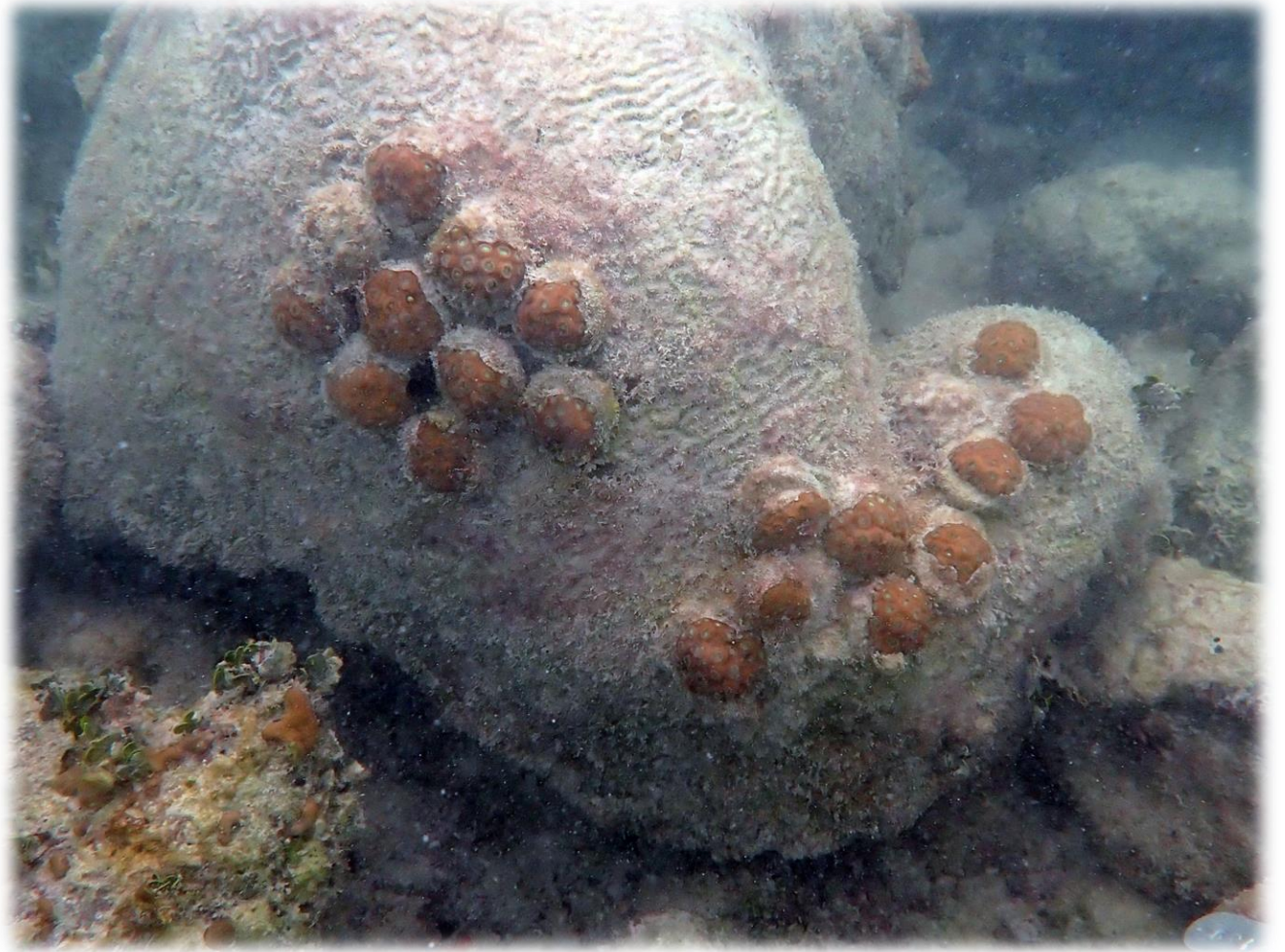
Pseudodiploria clivosa
Knobby Brain Coral



Pseudodiploria strigosa
Symmetrical Brain Coral
22.8% survival (as of 4/01/2024)



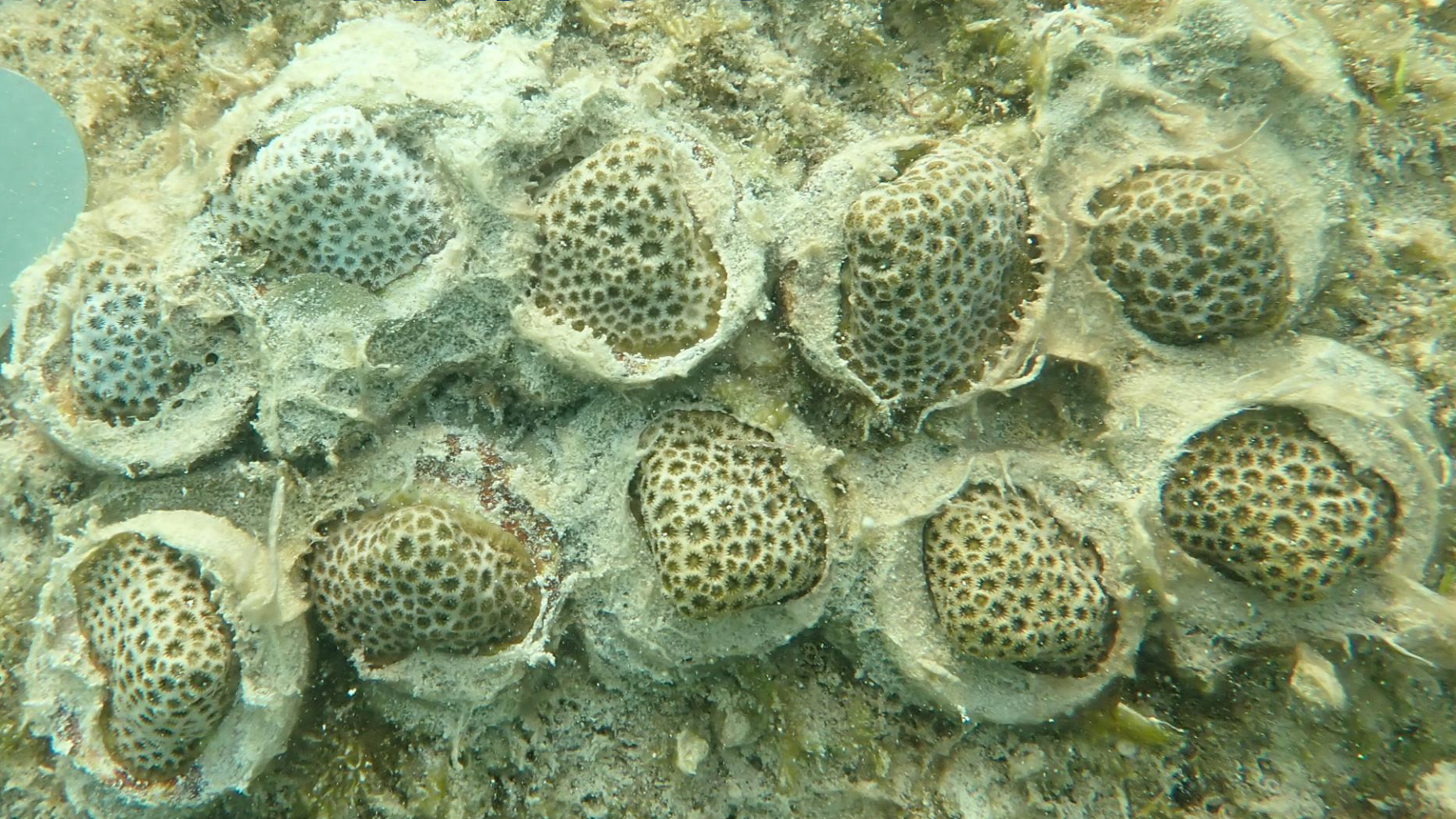
Montastraea cavernosa
Mountainous Star Coral
82.5% survival (as of 4/01/2024)





Stephanocoenia intersepta
Blushing Star Coral
96.0% survival (as of 4/01/2024)

1 Week

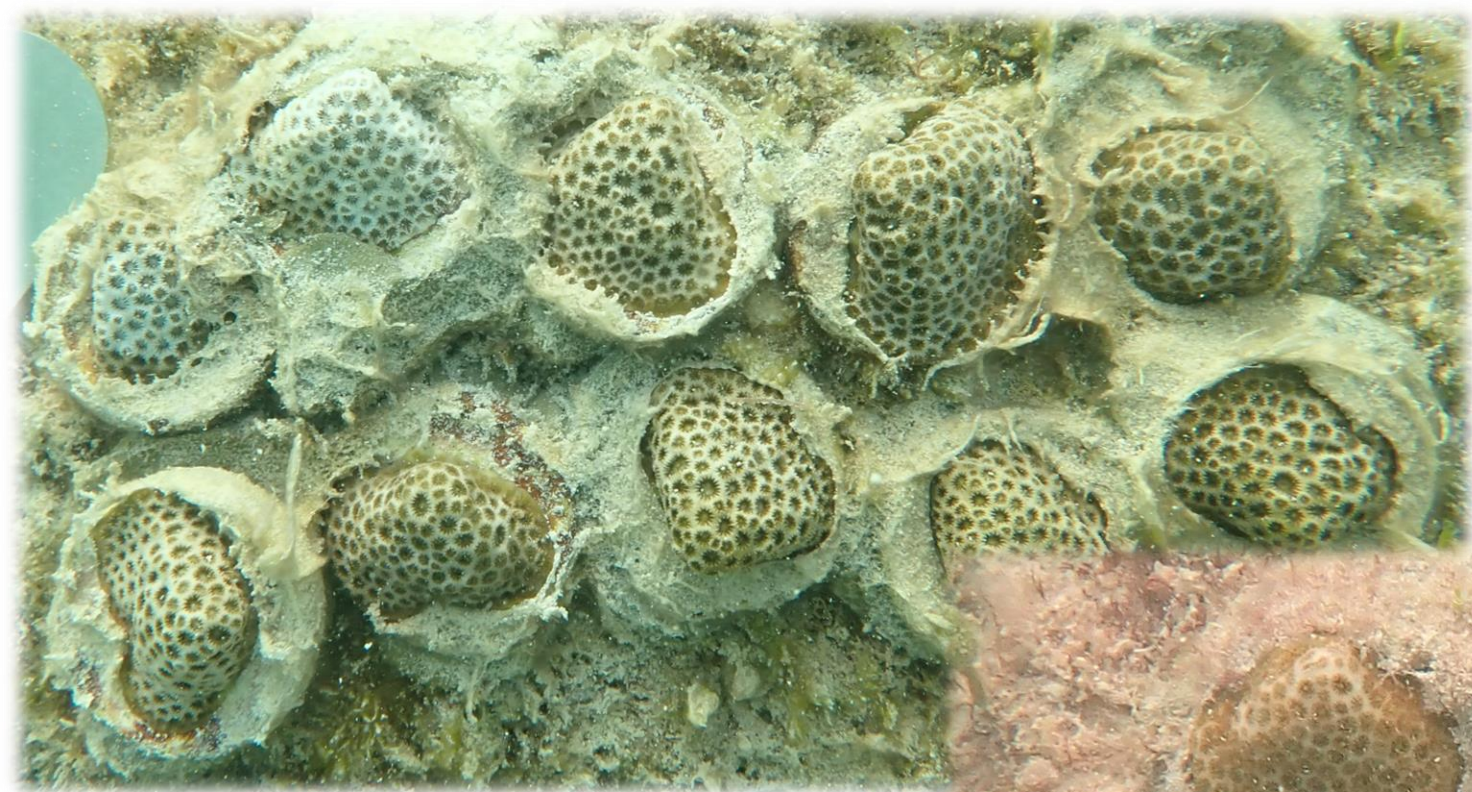


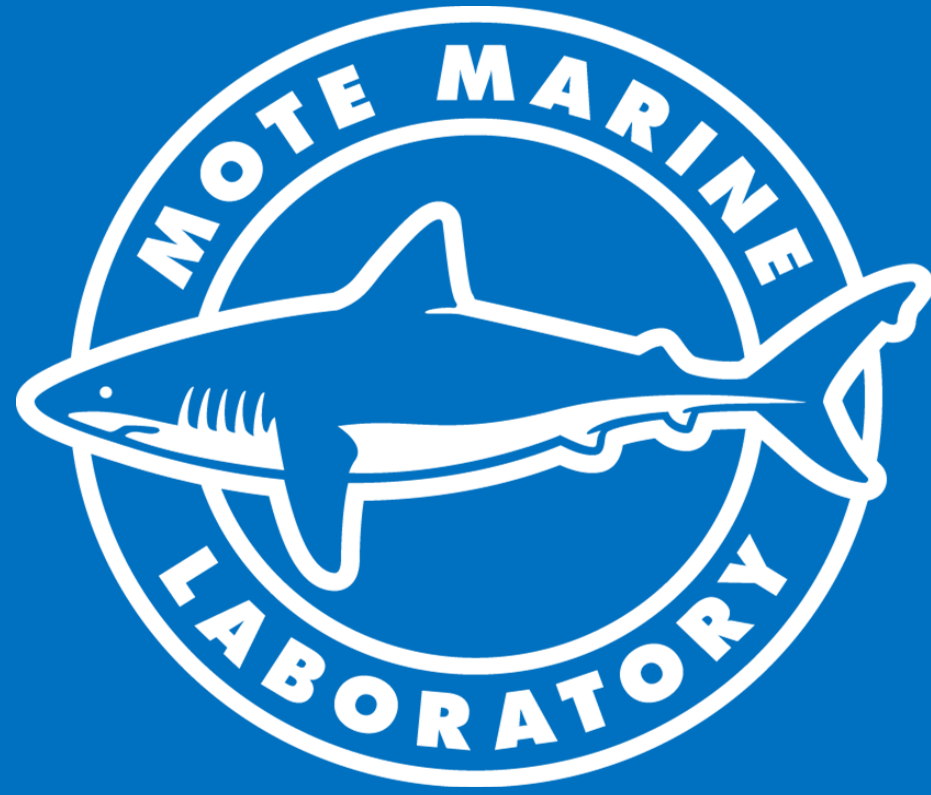
1 Month



1 Year







Thank you!