

CNMI Coral Restoration WG Agenda and Notes 7/27/22

Agenda

1. Government Nursery Update
 - a. Denise got new job in PR
 - b. Collected corals from Smiling Cove Marina (Isopora, Porites, Pocillopora damicornis)
 - i. Several fragments on the tables
 - c. Issues with both DCRM boats
 - i. High algae growth on trees
2. JAMS Nursery Update
3. Dr. Laurie Raymundo, UoG visit
 - a. Monday, August 8: UOG team arrives in Saipan, morning. Sightseeing in the afternoon
 - b. Tuesday, August 9: AM- Dive nurseries, PM- snorkel in the lagoon to visit staghorn colonies (San Antonio)
 - c. Wednesday, August 10: morning meeting with restoration group to brainstorm, afternoon disease ID session
 - d. Thursday, August 11: Depart for Guam, morning flight
4. NOAA Infrastructure Grant (Steve and/or Janice)
5. Any other comments

Attendees

DCRM: Kylie Hasegawa, Pheona David, Jordan Suel, Elly Perez, Zak Williams, Rod Camacho, Rich Salas

JAMS: Lyza Johnston, Margaret Miller, Linxi Cai

NOAA: Steve McKagan, Janice Castro

MINA: None

PCRP: None

OPD: None

DFW: Nathan Van Ee

Notes

Government Nursery Update (Kylie)

- Have we considered ways in which we can add in contractors, volunteers, or throw our money to other resources to better be prepared when we have situations such as the boat?-Steve
 - We have funding for contract work to expand the nursery from DOI but the local government has been unable to get the funds. (Onhold)
 - We have two boats but it's unfortunate now that both are not working.
 - JAMS have a lot more flexibility. They have offered their boat for our use. She also mentioned help with her nursery in regards to more personnel and DCRM

JAMS Nursery Update (Lyza)

- Tinian Harbor coral translocation
 - Moved about 300 corals from marine debris in the harbor to a nearby reef
 - Found a good cement mixture
 - 2: 1 : 0.5 (Portland cement: fine grain silica sand: hydraulic cement) mixed with concrete bonding adhesive instead of water.
 - “Dry” mix
- May coral spawning
 - Four SECORE staff and affiliates and several volunteers
 - First ever deployment of a Coral Rearing In-Situ Basin in the Marianas
 - Always secure your CRIB with a shackle with a cable tie
 - Good fertilization of *A. pulchra*; no fertilization for *A. muricata*
- Facilitation pilot study monitoring
 - La Fiesta site
 - 2 treatments:
 - 1) LSBs mixed with taxa asexual fragments
 - 2) LSBs only
 - 4 plots per treatment (8 plots in total)
 - Productivity:
 - 37% mixed plots
 - 32% LSB only
- Quartermaster staghorn outplant monitoring
 - High survival and growth
 - Some disease and mortality
 - Camera problems so redo photomosaics
- July coral spawning
 - SECORE back. More staff
 - Two CRIBS
 - Successfully collected, fertilized, and settled *A. surculosa*, *tenuis*, and *goniastrea retiformis*
 - 570,000 *A. tenuis* embryos in CRIB with ~ 6,000 LSBs
- New fragment collection
- New trees (N=5)
- NFWF Coastal Resilience grant submitted

NOAA Infrastructure Grant (Janice/Steve)

- Sent NOFO and info via email

Other Comments

- Jason brewer. Refresher on requirements for regulatory stuff.
- Infrastructure funding opportunity. In the process of submitting a letter of intent
- Capacity funding? Will be submitted this week for CZ (Rich)