



GAIA ONE CORAL RESTORATION PROJECT

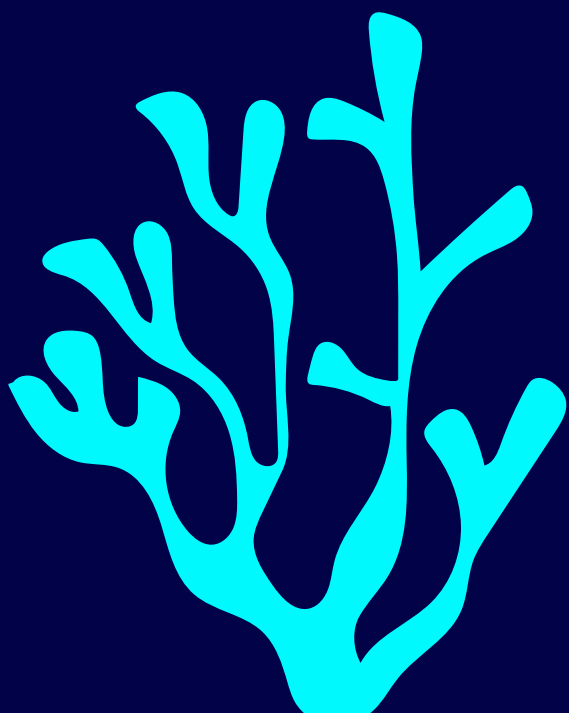
*Report 4
1st May- 31st August 2022*



OCEAN GARDENER

TEVANA HOUSE REEF NURSERY

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PROJECT UPDATE

- The East winds were hitting on us strongly during these few months which brought about a lot of trash on the shores. The team did a great job and managed to collect 1485.6kgs of trash! We even managed a dive clean up and collected ghost nets.



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**GAIA
ONE**
Boutique Diving

- In more exciting news , after a year of running GaiaOne we have now expanded our restoration project to offer diving services and GaiaOne Boutique Diving was born in July 2022!
- All proceeds of this endeavour will go to funding the restoration project! Part of our motto is : *When you dive with us you're saving the reefs in Bira!*
- We do encourage all our donors and supporters to come visit Bira so they may see what the team has been up to this past year!

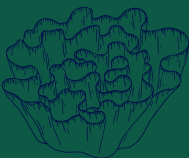
STRUCTURE

Our Trinity Structure has been doing well and our baby corals are growing with a total of 14 genuses being planted so far!

This structure proved to be more efficient using less steel and less space but growing just as many fragments (100-135 fragments per Trinity!)



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HOUSE REEF

- Our house reef has shown more activity with the sighting of some wrasses and butterfly fish around the trinity and newly transplanted former-baby coral (fragments).
- August is our first transplanting coral cookies back into the reef. The total cookies we transplanted at 14 meters has total of 16 fragments with 3 different genus (acropora, turbinaria, and goniopora) and at 7 meters we have transplanted 17 fragments of two different genus (acropora and euphyllia).



PULAU LIUKANG

- The fragments we planted on the first batch on November 2021 now has come to reach the sea floor where once about 20-25cm from the baby fragments.

DEGO DEGO

- Dego dego has been decreasing number in drupella sighting up to about 50% since we started the drupella hunt in December 2021.
- Other than that all of the acropora tenuis we planted on November 2021 now has become an acropora bush.



RESIDENT NUDIS

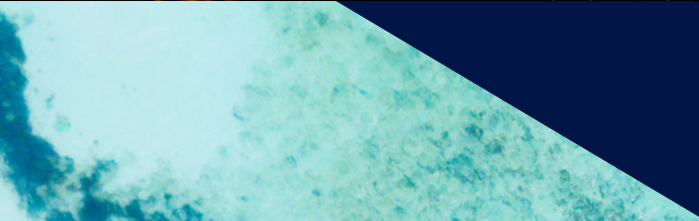
- Nudi Branchs are one of our favourite sea beings to spot and make friends with! We are equally blessed to have been able to spot the many different kinds of Nudis on our House Reef!
- Fun Facts about Nudibranchs - Nudibranchs lose their vestigial shell during a larval phase. To protect themselves they rely on toxins or unpleasant tasting chemicals which is why they're so brightly coloured!
- They might look cute but they are carnivorous and are picky eaters! They usually prey on sponges, coral, anemones, hydroids, barnacles, fish eggs, sea slugs, and other nudibranchs.
- Top Right: Streaked Chromodoris (*Chromodoris strigata*).
- Top Left: Tryon's Risbecia (*Hypselodoris tryoni*)
- Bottom Left: Gloomy Tambja (*Tambja morosa*)
- Bottom Right : Slender Roboastra (*Roboastra gracilis*)



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