



BUU
BURAPHA UNIVERSITY
WISDOM OF THE EAST CHANTHABURI CAMPUS

MT
คณะเทคโนโลยีทางทะเล
Marine Technology
BURAPHA UNIVERSITY CHANTHABURI CAMPUS

Coral Reef Benthic Identification

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Benthic Community Identification

Live coral (Genus)

Dead coral

Algae

Sand

Rock

Others

Recently dead coral

Coral rock

Rubble

Turf algae

Macroalgae

Sponge

Anemone

Gorgonian

Soft coral

Zoanthid

Corallimorph

Giant clam

Bivalve

Identification Benthic Community

Live coral (Genus)

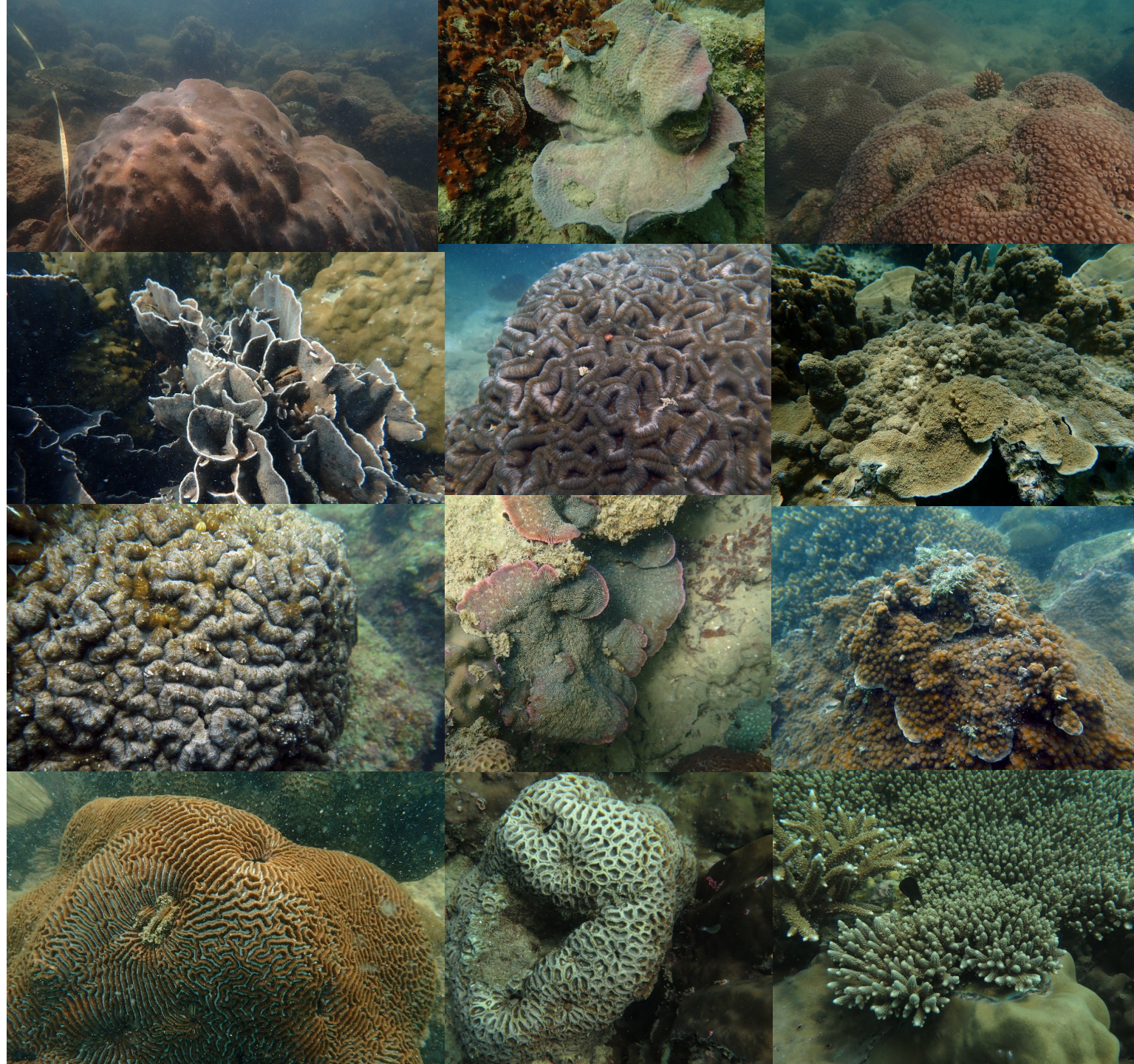
Dead coral

Algae

Sand

Rock

Others



Identification Benthic Community

Live coral (Genus)

Dead coral

Algae

Sand

Rock

Others

Recently dead coral

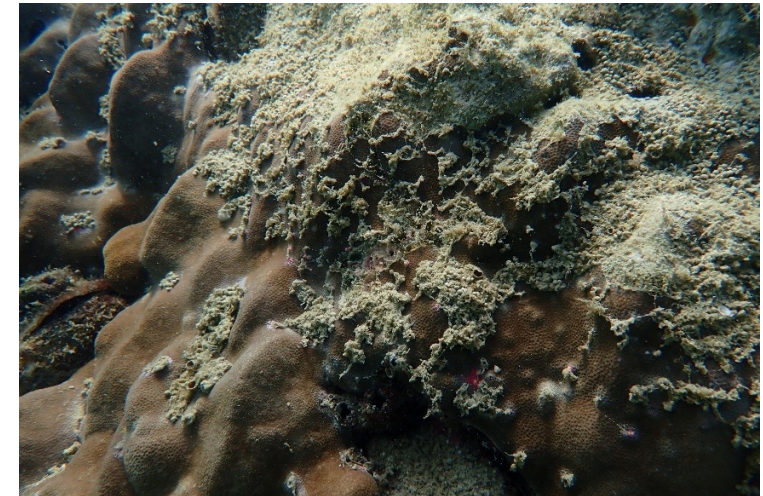
Coral rock

Rubble

Recently dead coral



Dead coral with algae



Dead coral with sediment

Identification Benthic Community

Live coral (Genus)

Dead coral

Algae

Sand

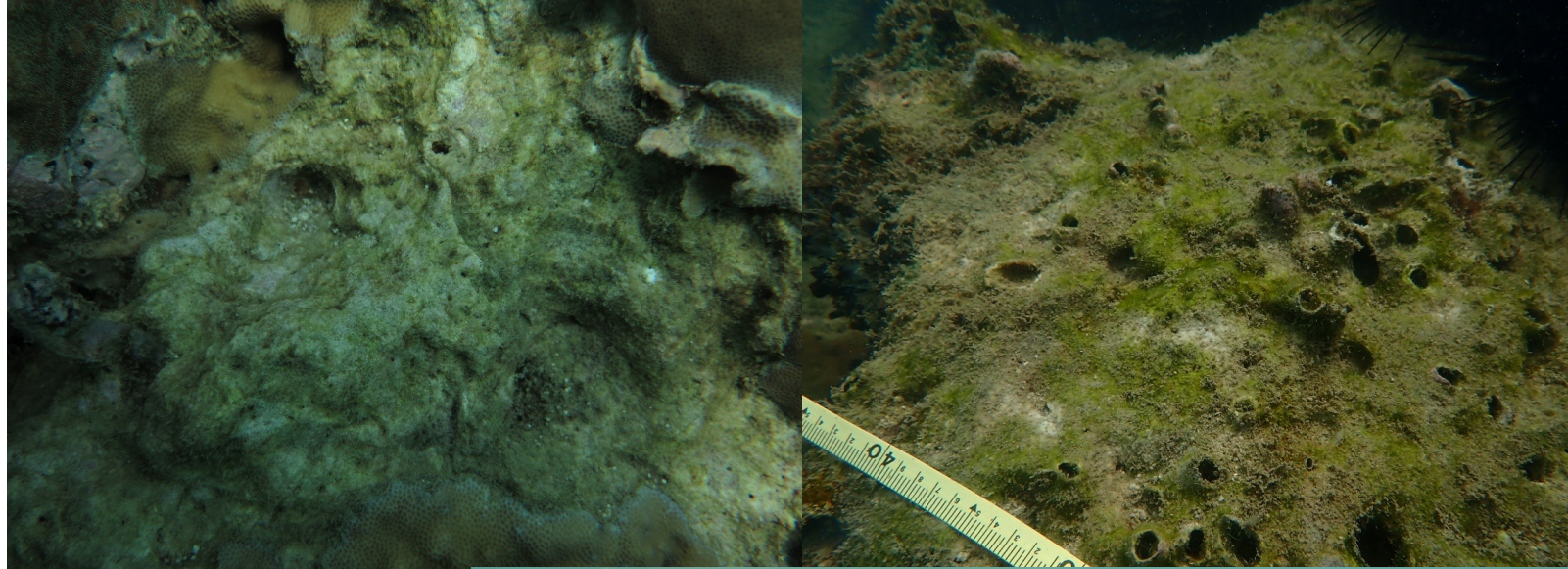
Rock

Others

Recently dead coral

Coral rock

Rubble



Coral rock



Identification Benthic Community

Live coral (Genus)

Dead coral

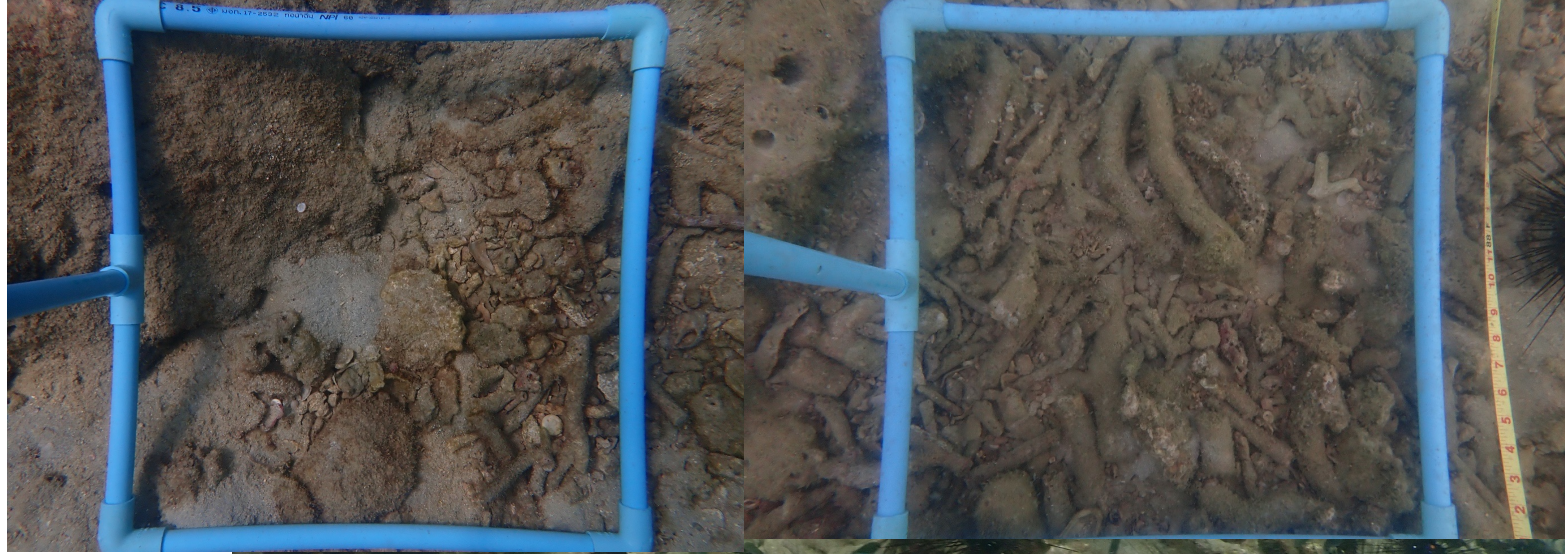
Algae

Sand

Rock

Others

Recently dead coral
Coral rock
Rubble



Rubble



Identification Benthic Community

Live coral (Genus)

Dead coral

Algae

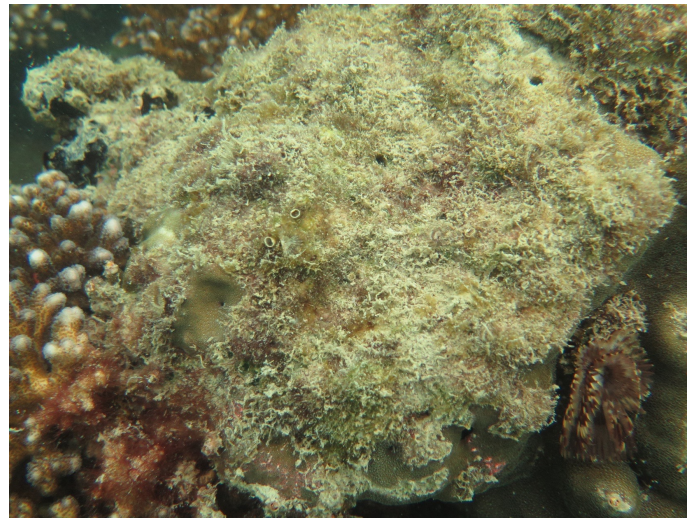
Turf algae
Macroalgae

Sand

< 2 cm high

Rock

Others



Identification Benthic Community

Live coral (Genus)

Dead coral

Algae

Turf algae
Macroalgae

> 2 cm high

Sand

Rock

Others

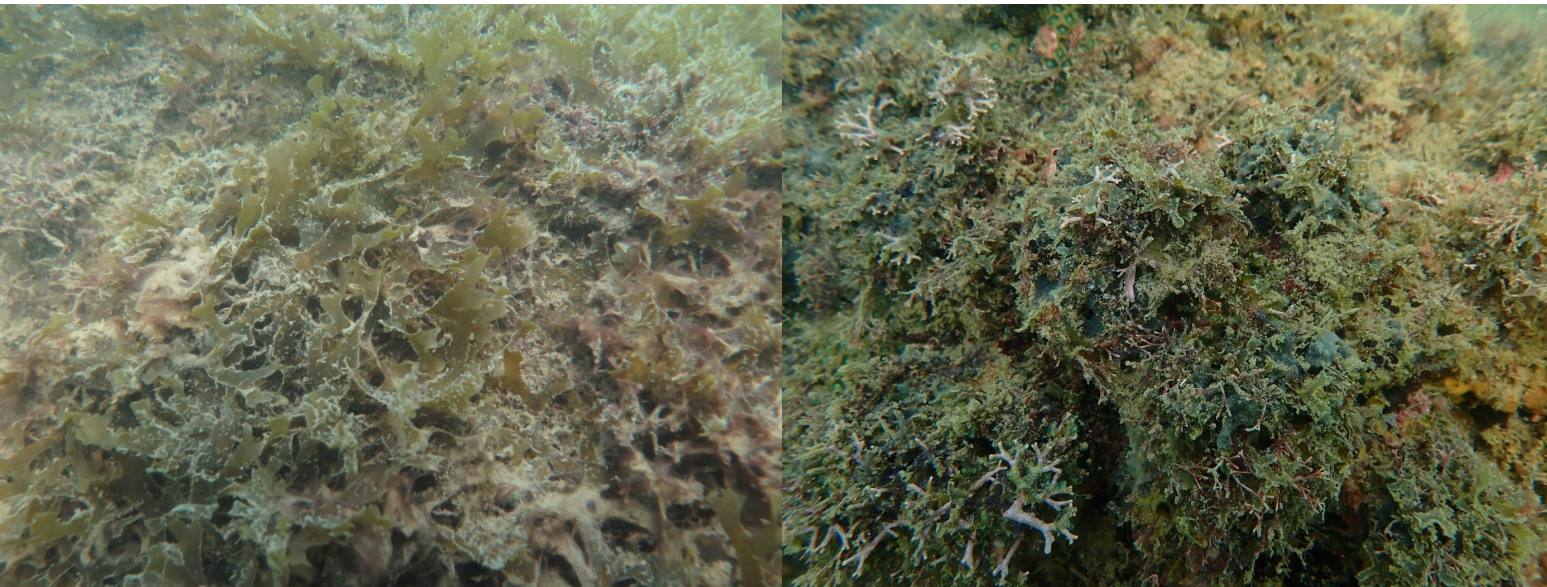


red macroalgae

green macroalgae

brown macroalgae

Bayu and Handayani, 2018



Identification Benthic Community

Live coral (Genus)

Dead coral

Algae

Sand

Rock

Others



Identification Benthic Community

Live coral (Genus)

Dead coral

Algae

Sand

Rock

Others



Identification Benthic Community

Live coral (Genus)

Dead coral

Algae

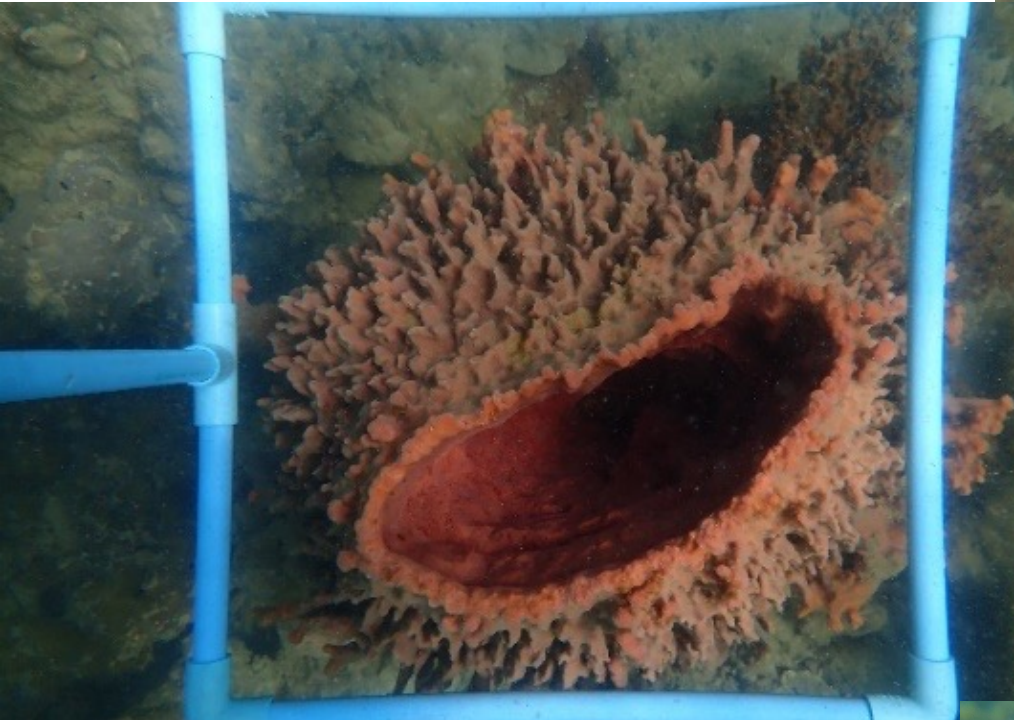
Sand

Rock

Others

Sponge
Anemone
Gorgonian
Soft coral
Zoanthid
Corallimorph
Giant clam
Bivalve

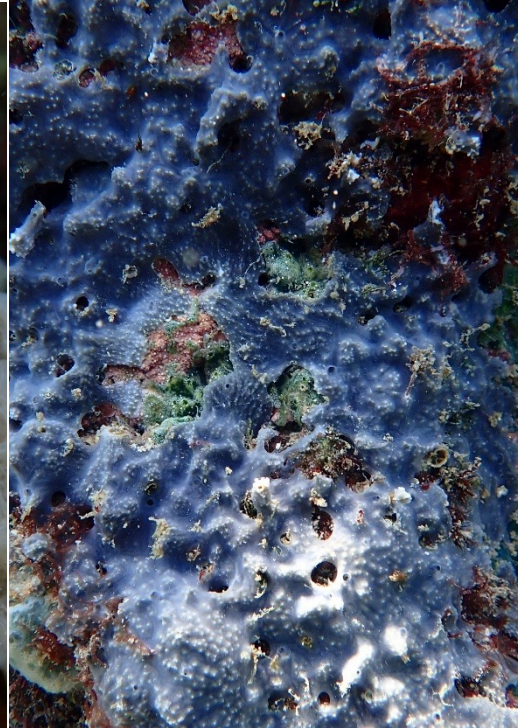




Others

Sponge



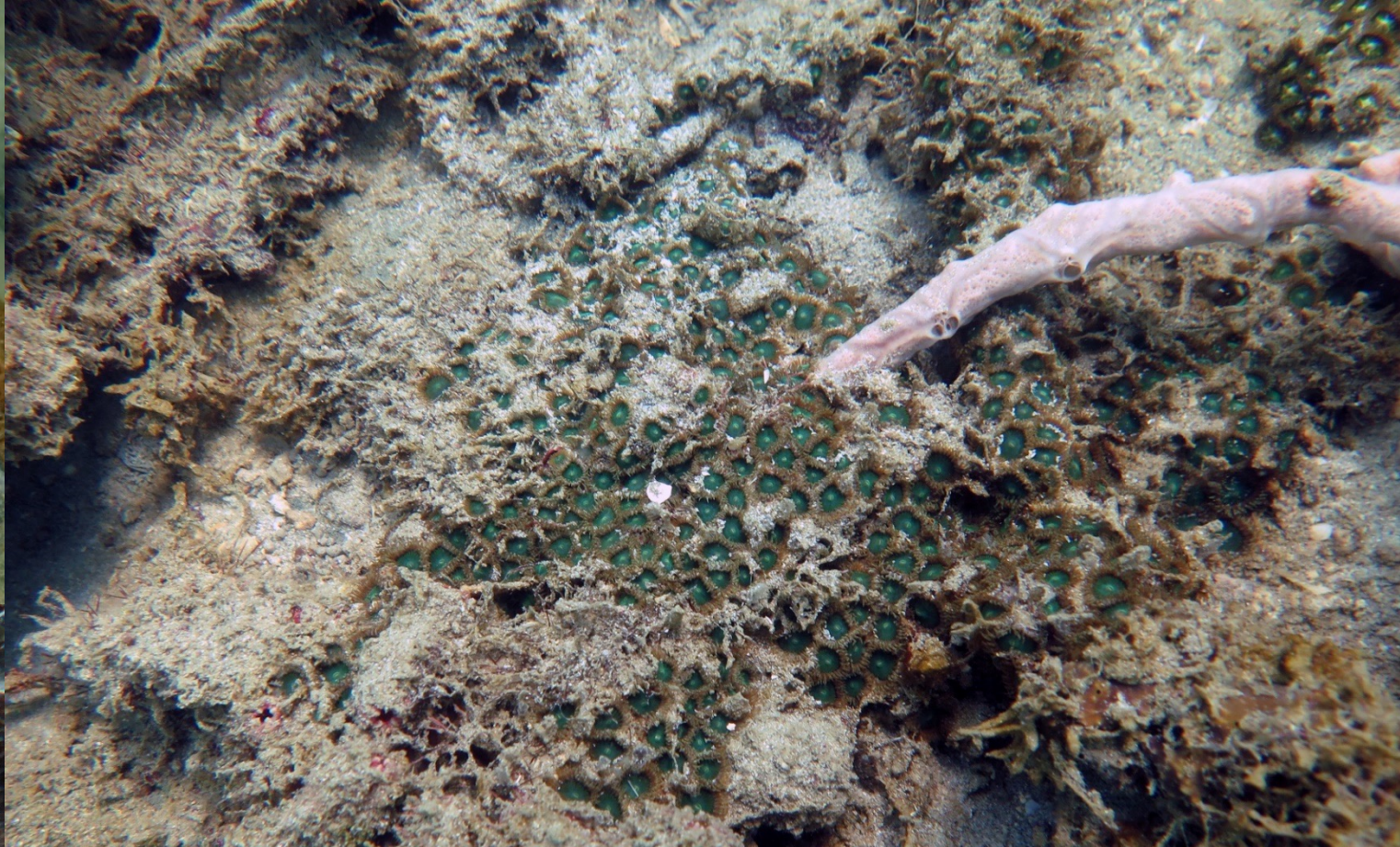




Others

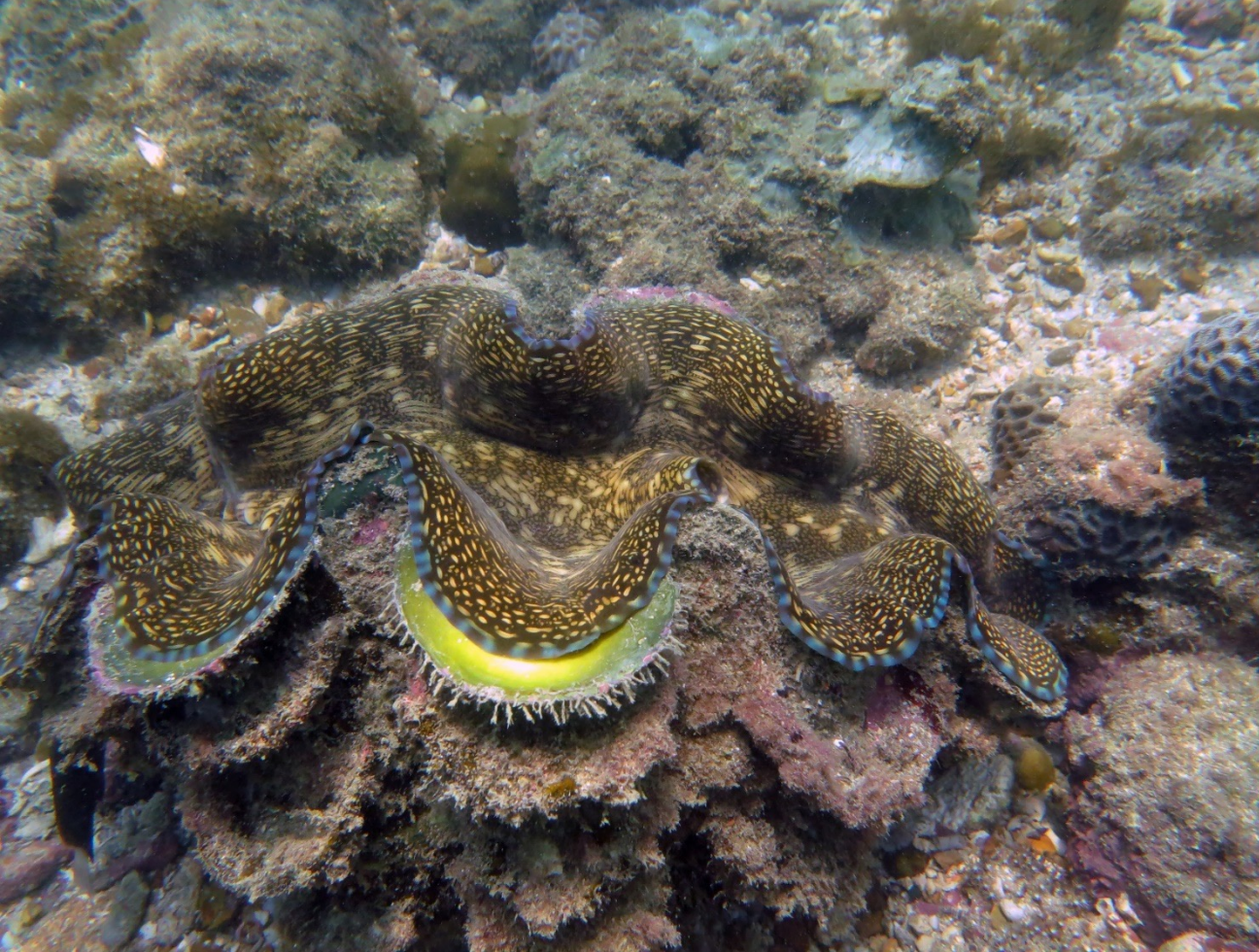


Anemone
Gorgonian
Soft coral



Others

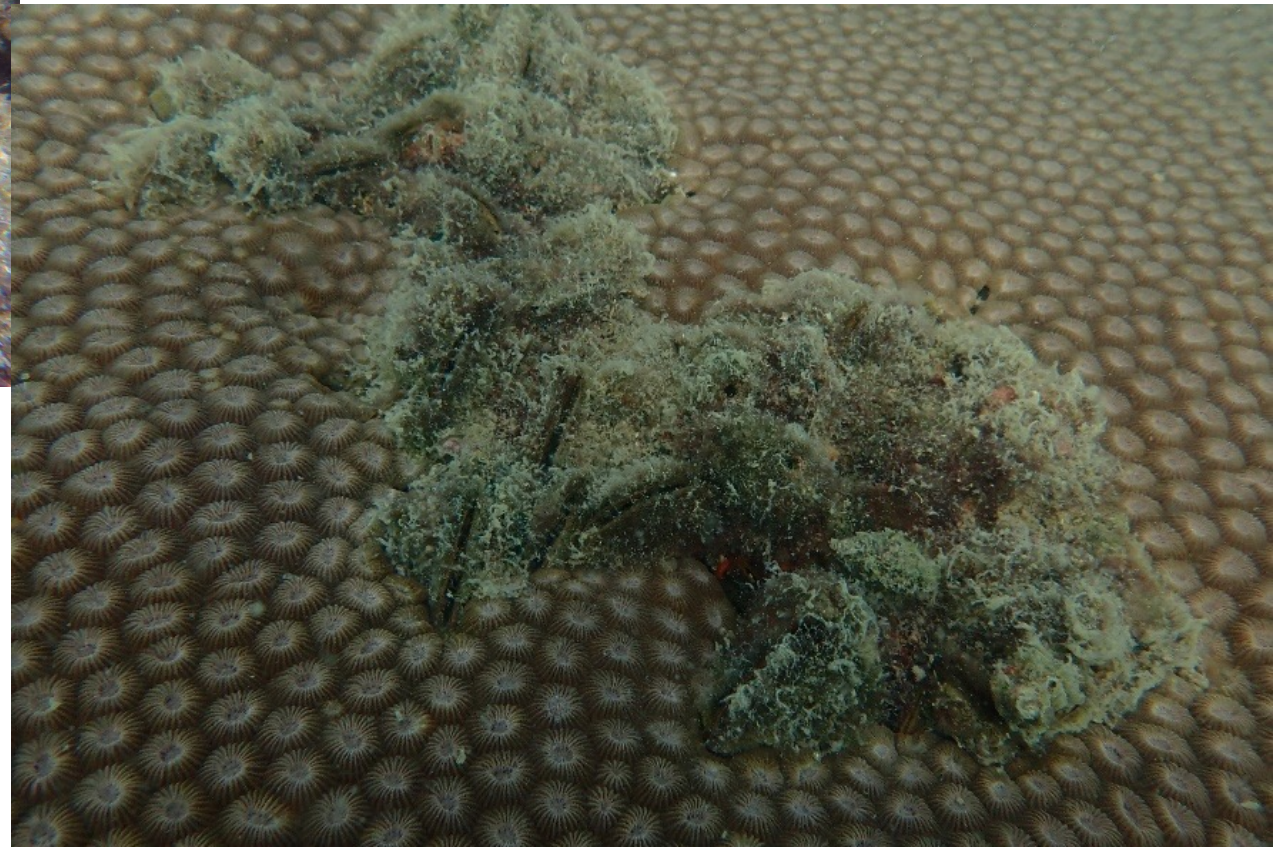
Zoanthid
Corallimorph



Giant clam

Others

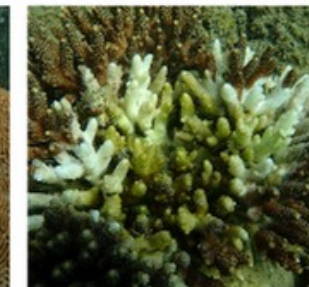
Bivalve



BENTHIC COMMUNITY



LIVE CORAL



RECENTLY DEAD
CORAL



TURF ALGAE (< 2 cm high)



MACROALGAE



CORAL ROCK



RUBBLE



SAND

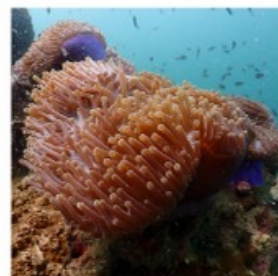


ROCK

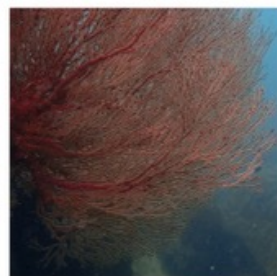
OTHERS



SPONGE



ANEMONE



GORGONIAN



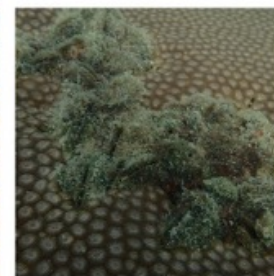
SOFT CORAL



ZOANTHID



CORALLIMORPH



BIVALVE

- Coral Point Count with Excel extensions (CPCe) คือ โปรแกรมสำหรับการวิเคราะห์สัดส่วนเปอร์เซ็นต์การปกคลุมพื้นที่ของปะการังมีชีวิต ปะการังตาย ทลาย หิน สาหร่าย และสิ่งมีชีวิตอื่นๆ บนพื้นทะเล โดยใช้ภาพถ่ายที่ได้จากการเก็บข้อมูลในภาคสนาม

