Marine Invertebrates of Johnston Atoll

CAST VII

2014

Assembled by
Kristin Brunk
and Jane Sheffer

Molluscs

Octopus, Gastropods, and Mussels

Day Octopus

(Octopus cyanea)

Bivalve

Prickly Pen Shell

(Pinna muricata)

Gastropods

Snails, Sea Slugs, and Nudibranchs

Leopard Cone

(Conus leopardus)

Black Nerite

(Nerita picea)

Dotted Periwinkle

(Littoria pintado)

Humpback Cowry

(Cypraea mauritiana)

Tiger Cowry

(Cypraea tigris)

Snakehead Cowry

(Cypraea caputserpentis)

Blue Swallowtail Slug

(Chelidonura hirundinina)

Imperial Nudibranch

(Risbecia imperialis)

Decorated Nudibranch

(Chromodoris decora)

Trembling Nudibranch

(Chromodoris vibrata)

Spanish Dancer

(Hexabranchus sanguineus)

Egg sac

Gold Lace Nudibranch*

(Halgerda terramtuentis)

Ornate Sap-Sucking Slug

(*Elysia ornata*)

Unidentified Sap-Sucking Slug

(Elysia spp.?)

Crustaceans

Crabs and Lobsters

Sculptured Slipper Lobster

(Parribacus antarcticus)

Thin-Shelled Rock Crab

(Grapsus tenuicrustatus)

White-Spotted Hermit Crab

(Dardanus megistos)

Bloody Hermit Crab

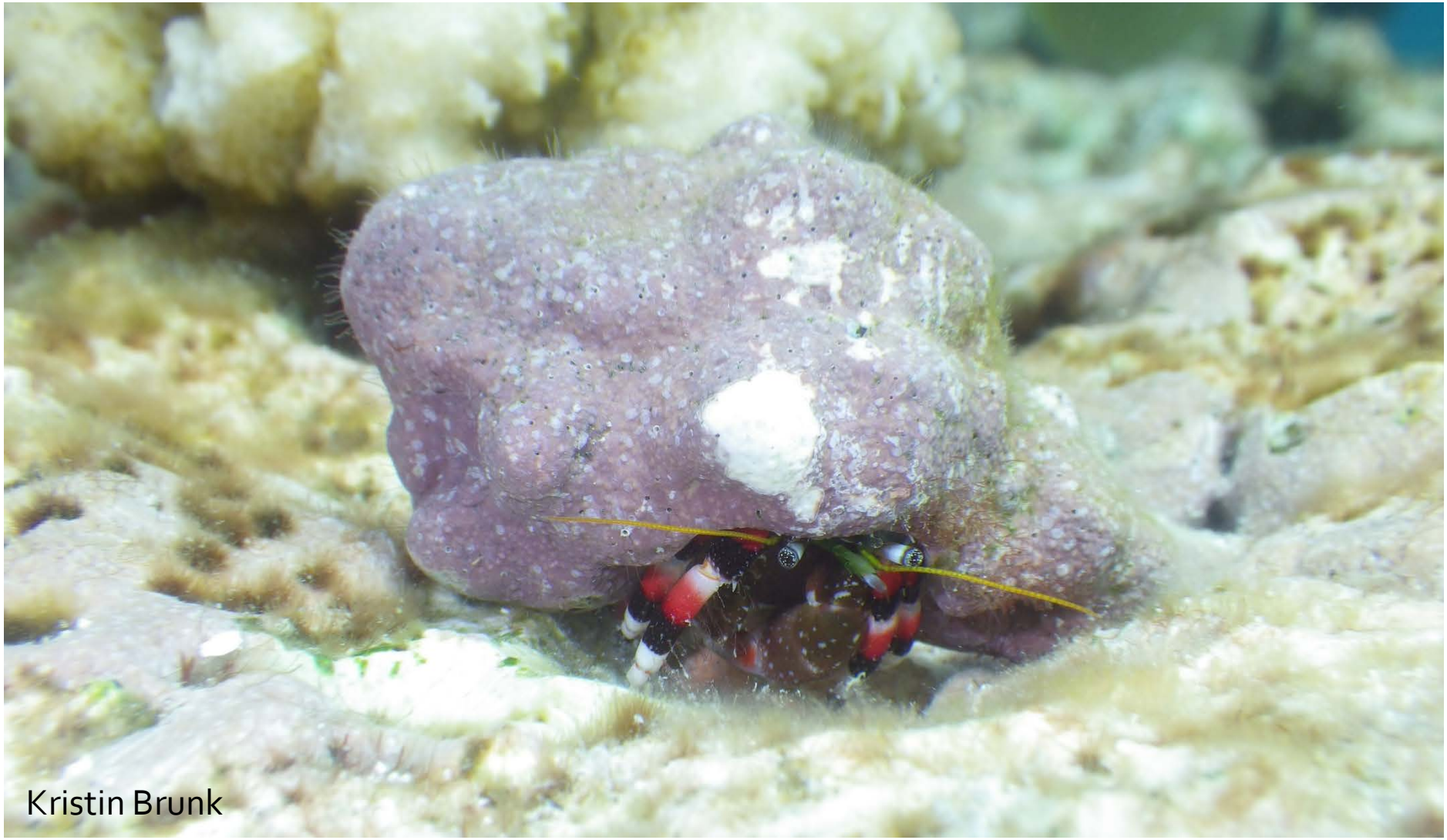
(Dardanus sanguinocarpus)

Haig's Hermit Crab

(Calcinus haigae)

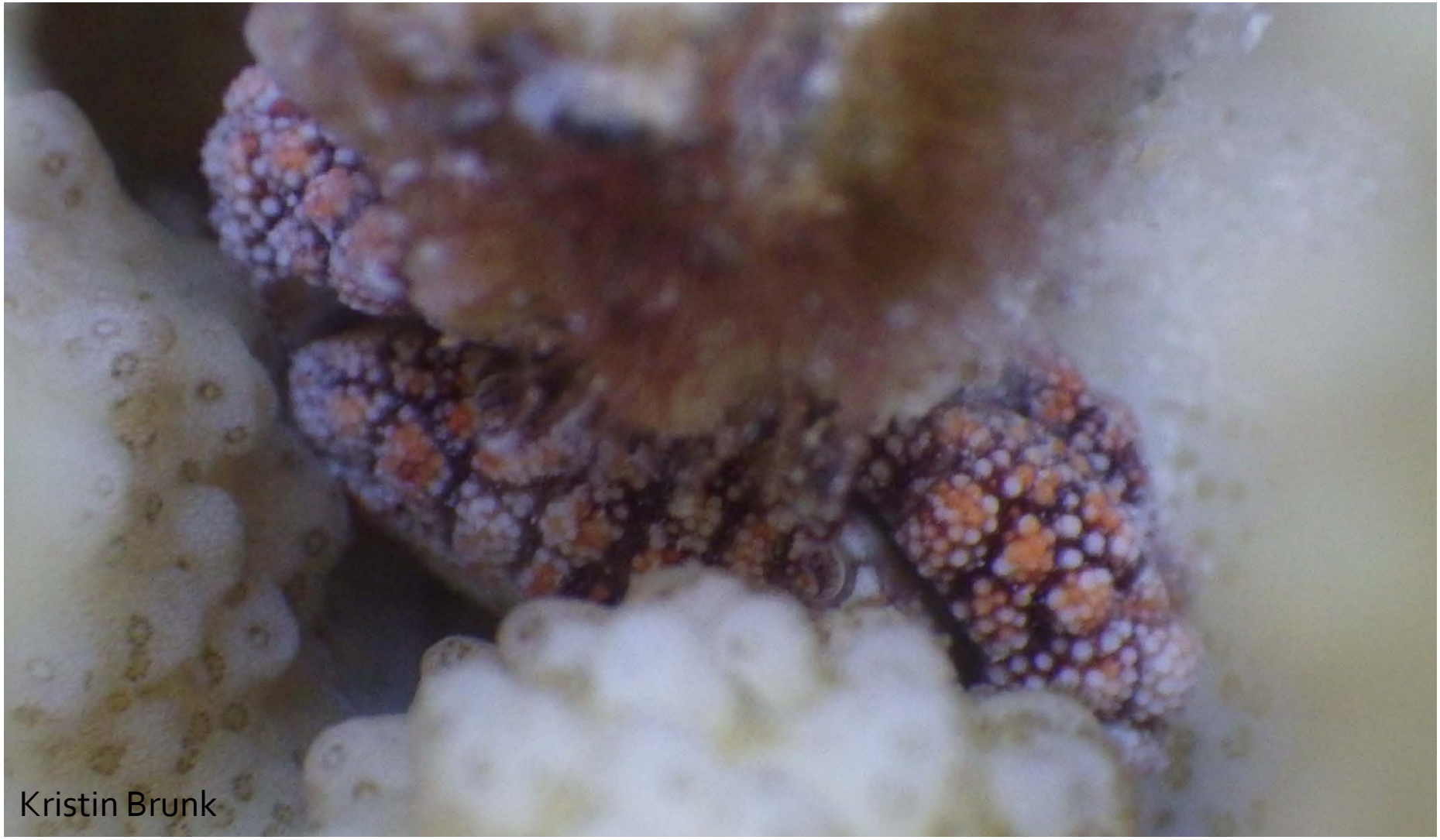
Unidentified Hermit Crab

(???)



Showy Xanthid Crab

(Pseudoliomera speciosa)



Yellow-Spotted Guard Crab

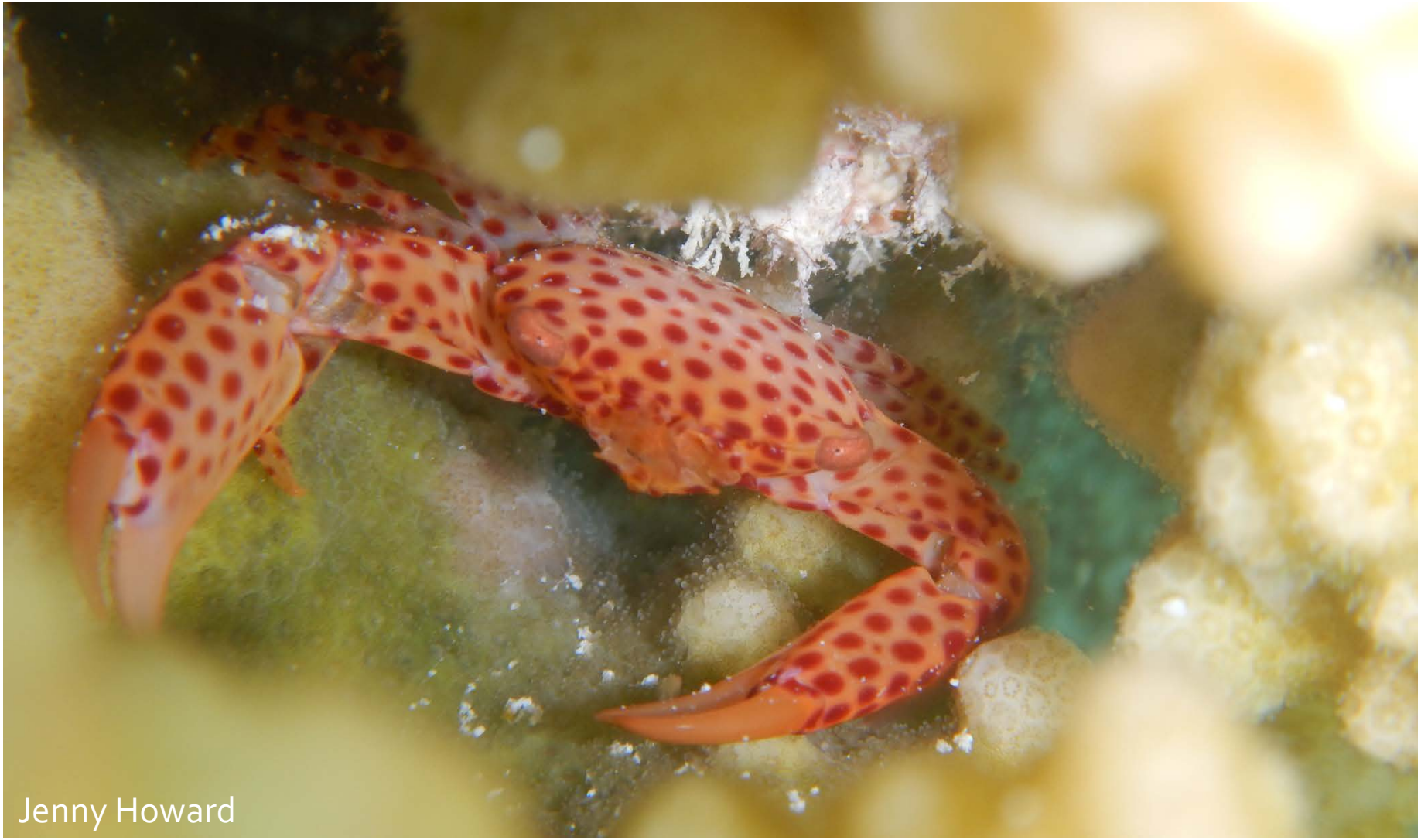
(*Trapezia flavopunctata*)

Rusty Guard Crab

(Trapezia bidenta)

Red-Spotted Guard Crab

(Trapezia tigrina)



Brown Guard Crab

(Trapezia digitalis)

Unidentified Guard Crab

(Trapezia spp?)

Echinoderms

Sea Stars, Sea Cucumbers, and Urchins

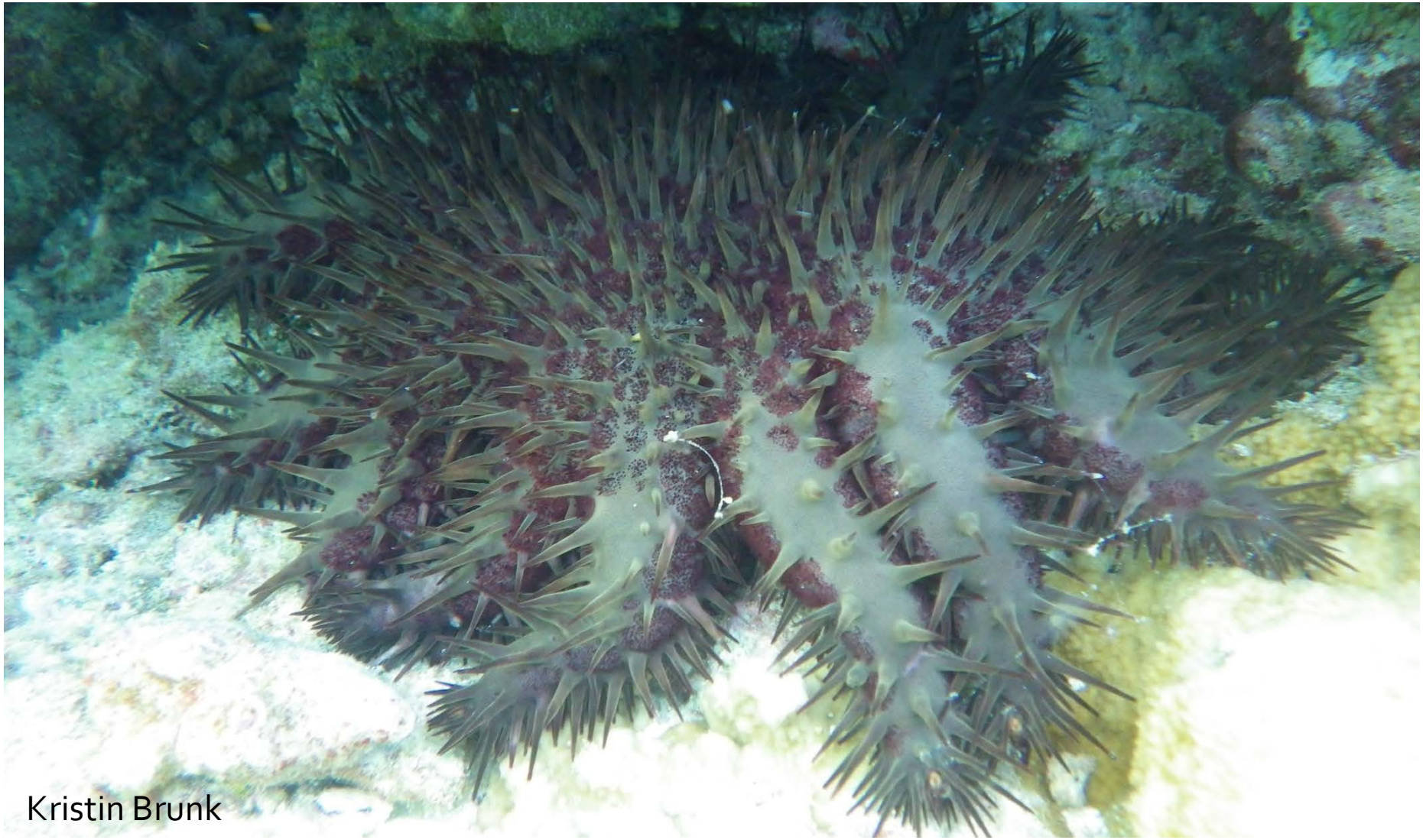
Sea Stars

Spotted Linckia

(Linckia multifora)

Crown-of-Thorns Star

(Acanthaster tuberculosus)



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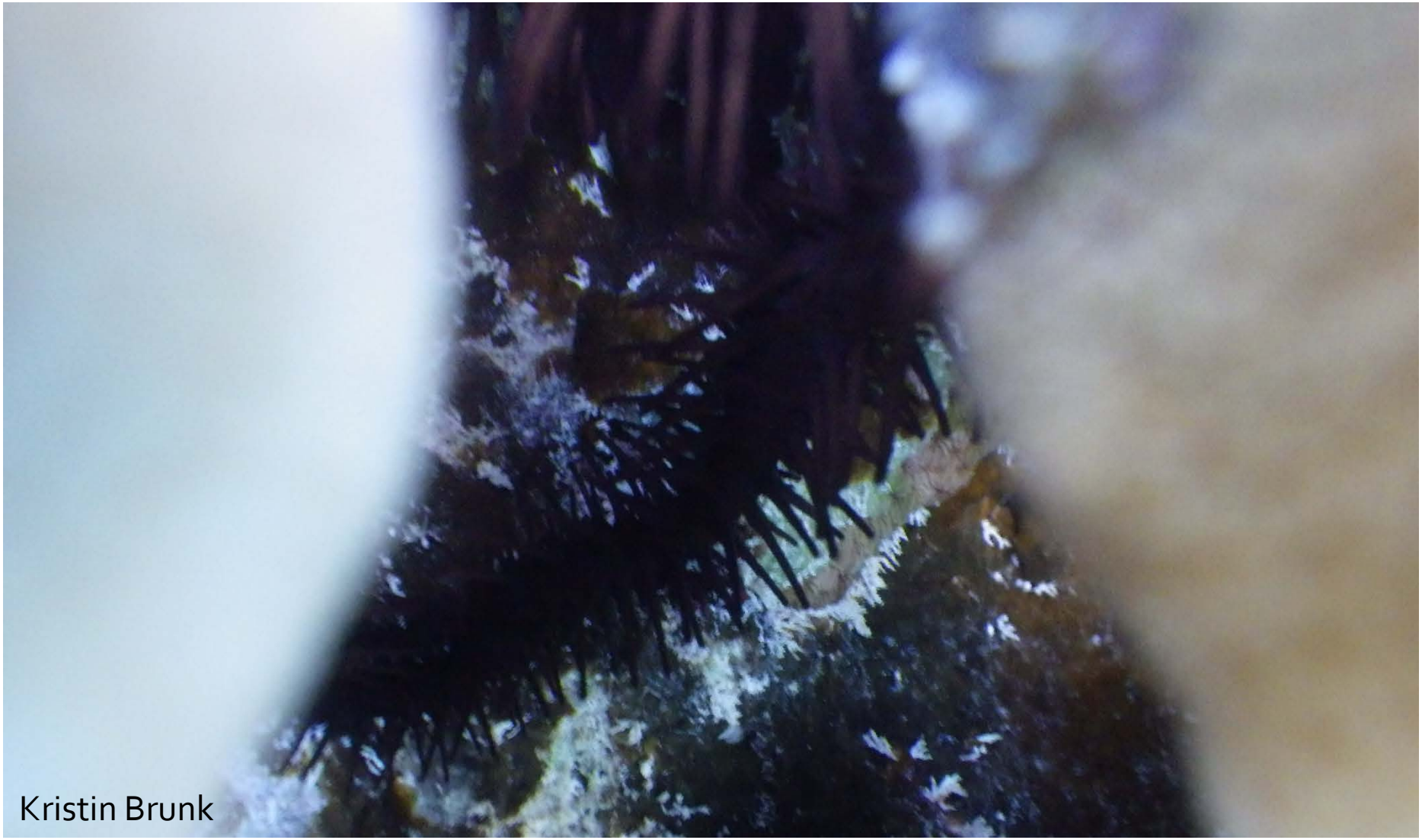
Brittle Stars

Pied Brittle Star

(*Ophiocoma pica*)

Spiny Brittle Star

(*Ophiocoma erinaceus*)



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Sea Cucumbers

Teated Sea Cucumber

(Holothuria whitmaei)

Black Sea Cucumber

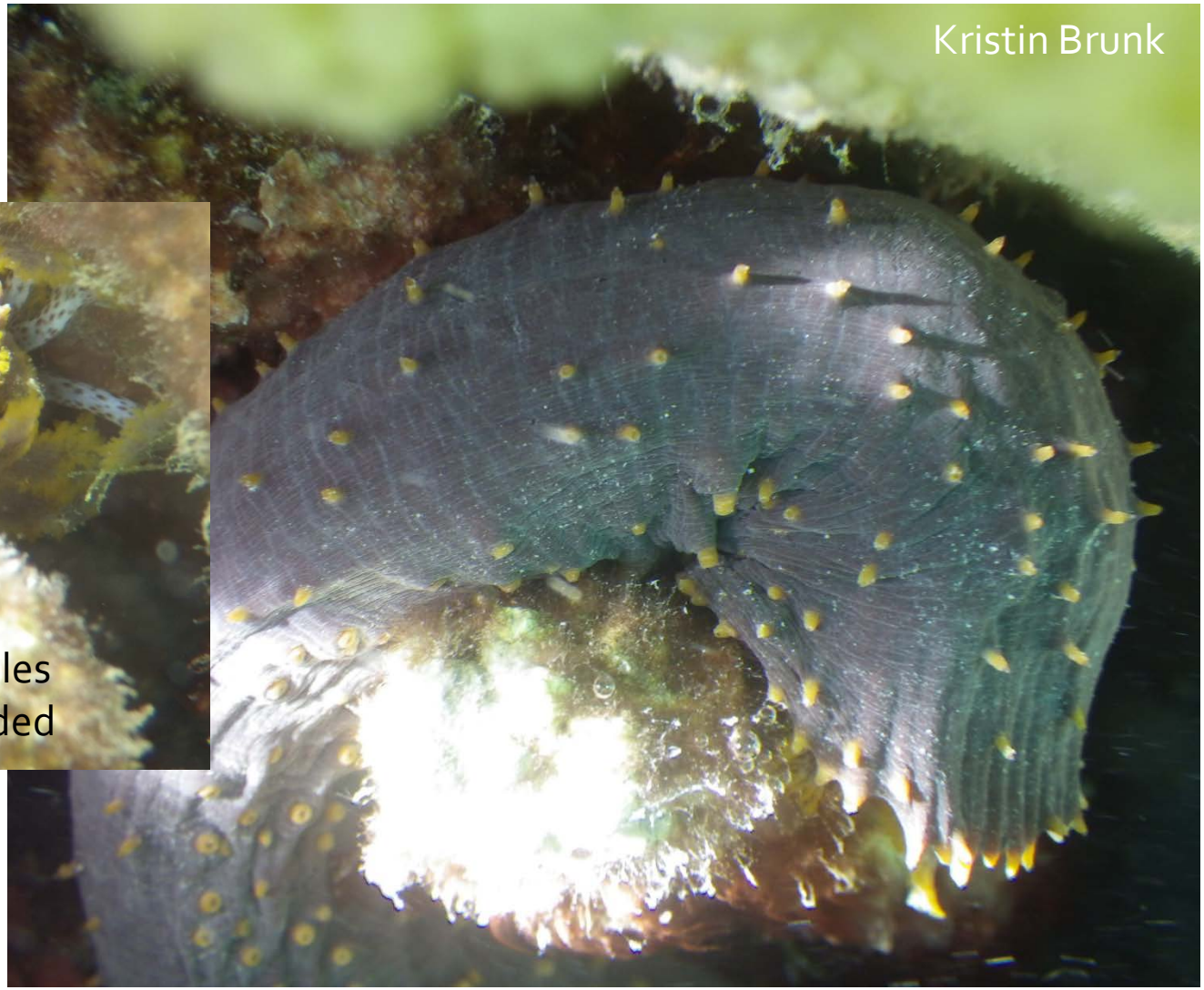
(Holothuria atra)

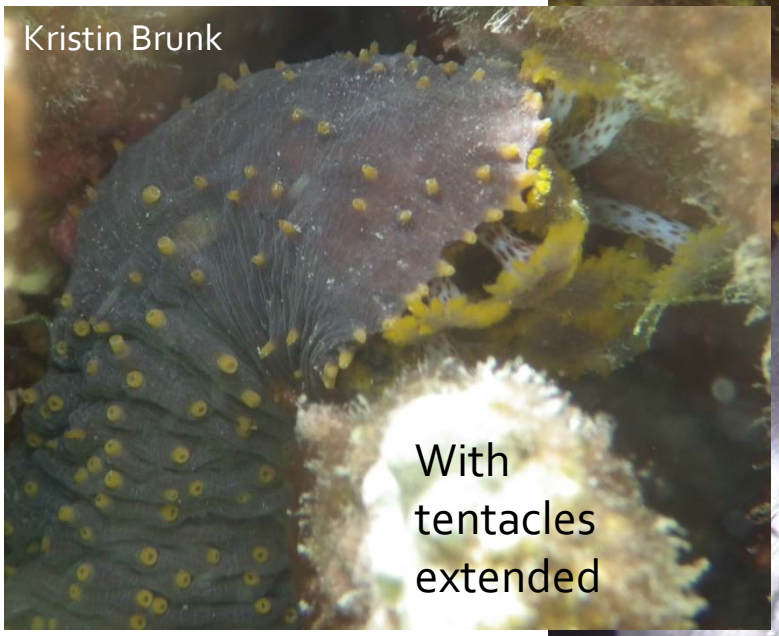
Edible Sea Cucumber

(Holothuria edulis)

Yellow-Spotted Sea Cucumber

(*Holothuria flavomaculata*)





Light-Spotted Sea Cucumber

(Holothuria hilla)

White-Spotted Sea Cucumber

(Actinopyga mauritiana)

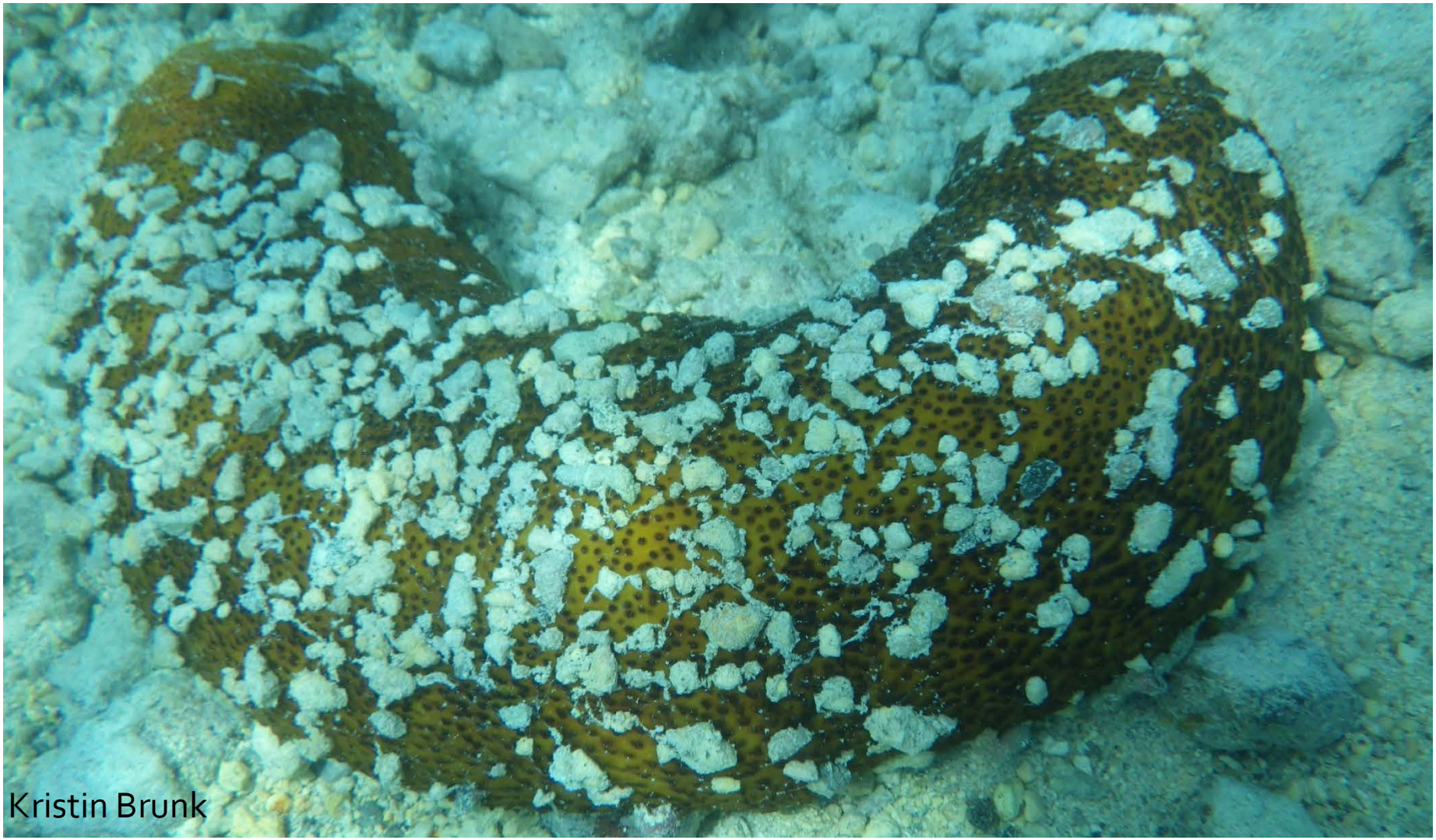
Plump Sea Cucumber

(Actinopyga obesa)

Five backward-pointing teeth in anus

Paradoxical Sea Cucumber

(Bohadschia paradoxa)



Argus Sea Cucumber

(Bohadschia argus)

Unidentified Sea Cucumber

(*Polyplectana kefersteini?*)

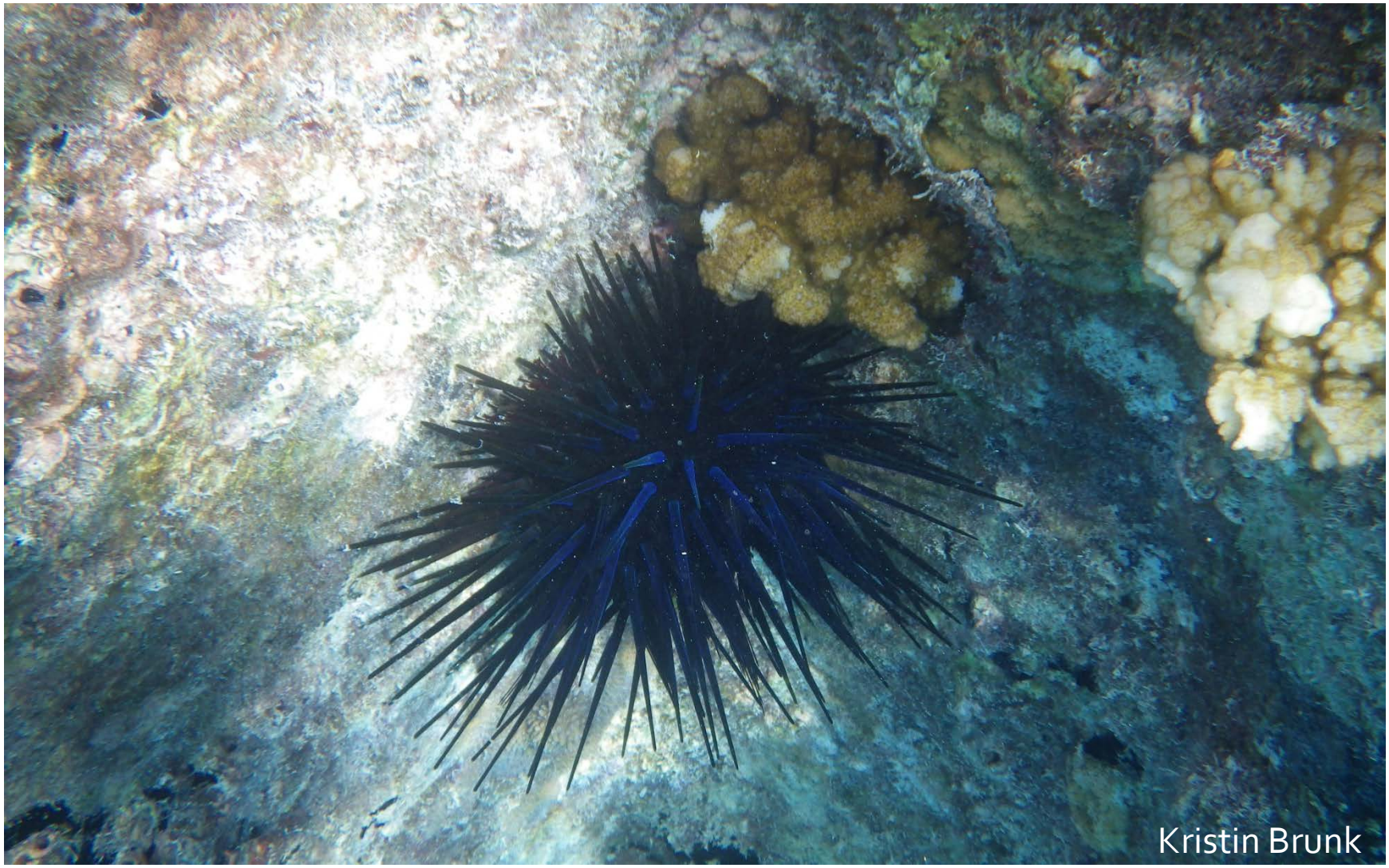
Urchins

Banded Urchin

(Echinothrix calamaris)

Blue-Black Urchin

(Echinothrix diadema)

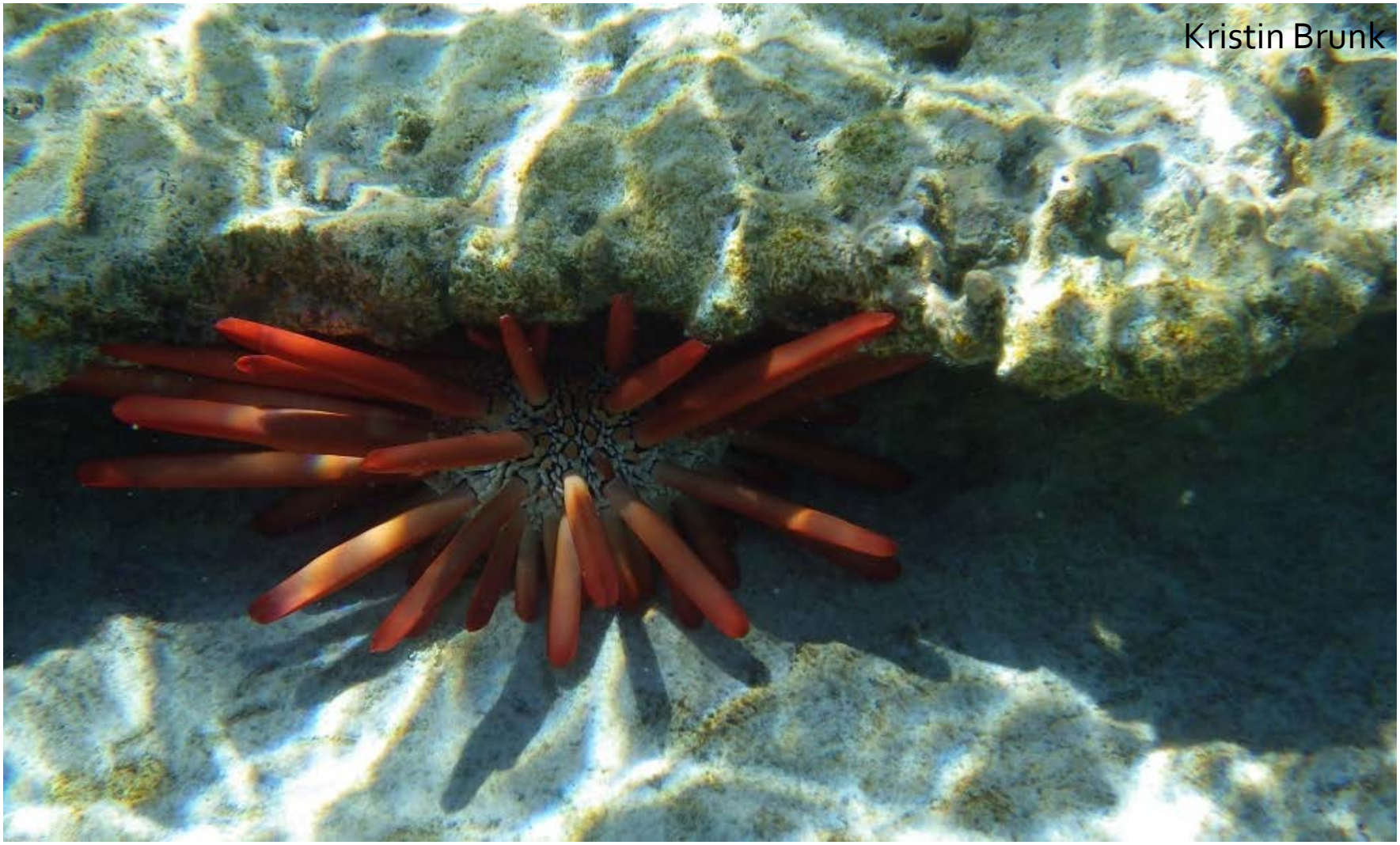


Long-Spined Urchin

(Diadema paucispinum)

Red Pencil Urchin

(Heterocentrotus mammillatus)



Rock-Boring Urchin

(Echinometra mathaei)

Oblong Urchin

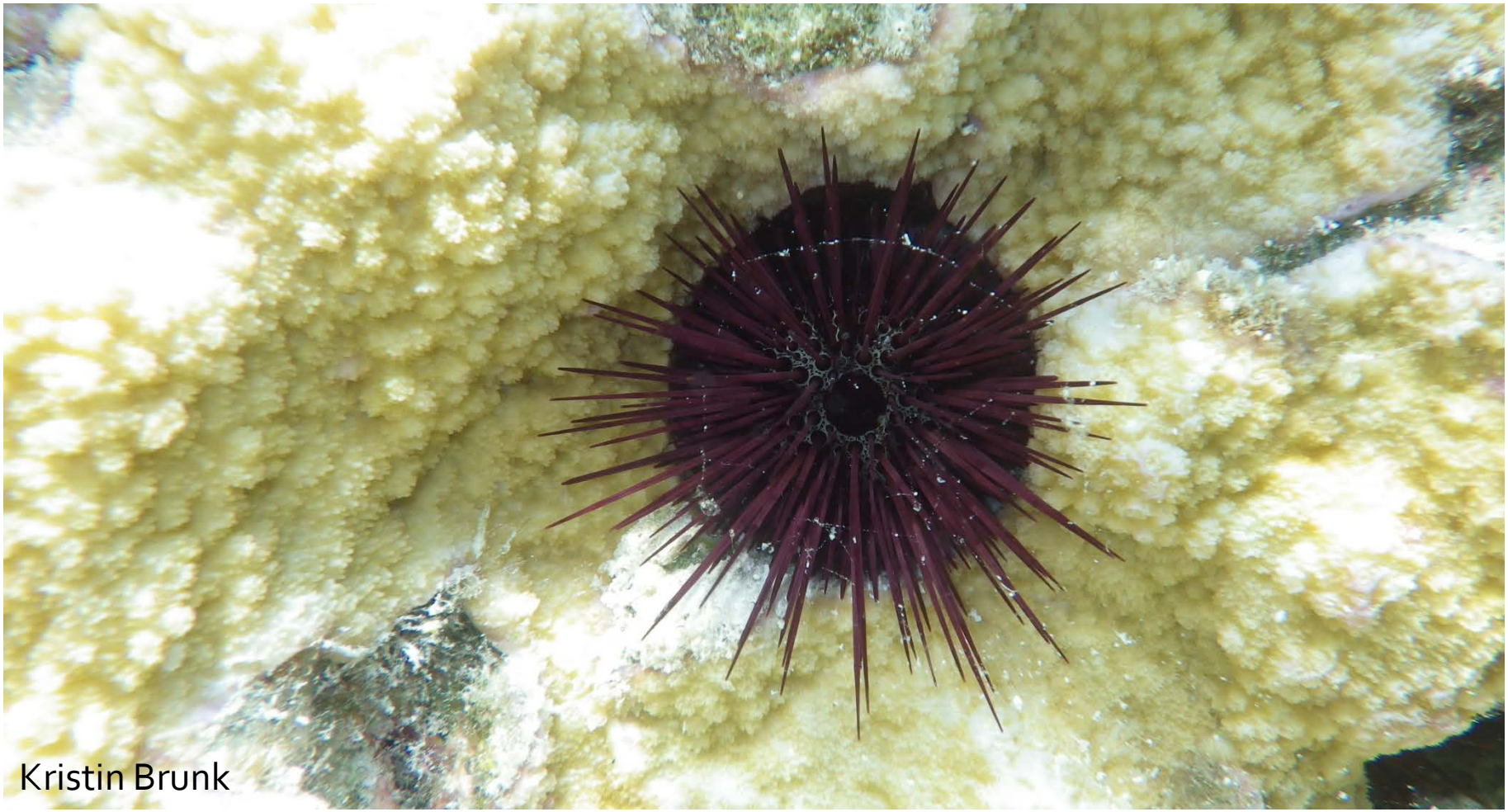
(Echinometra oblonga)

Collector Urchin

(Tripneustes gratilla)

Needle-Spined Urchin

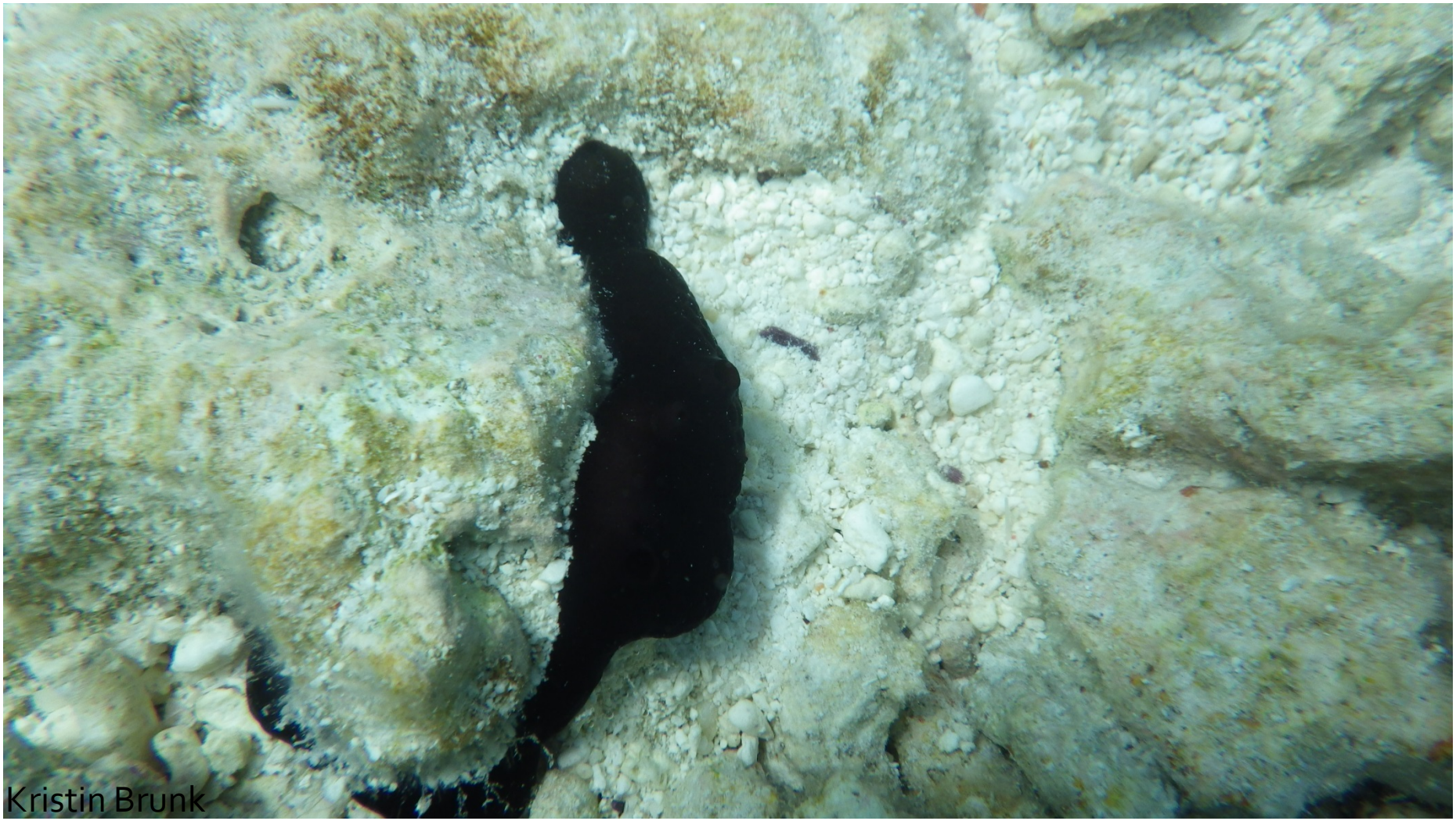
(Echinostrephus aciculatus)



Sponges

Meandering Sponge

(Chondrosia chucalla)



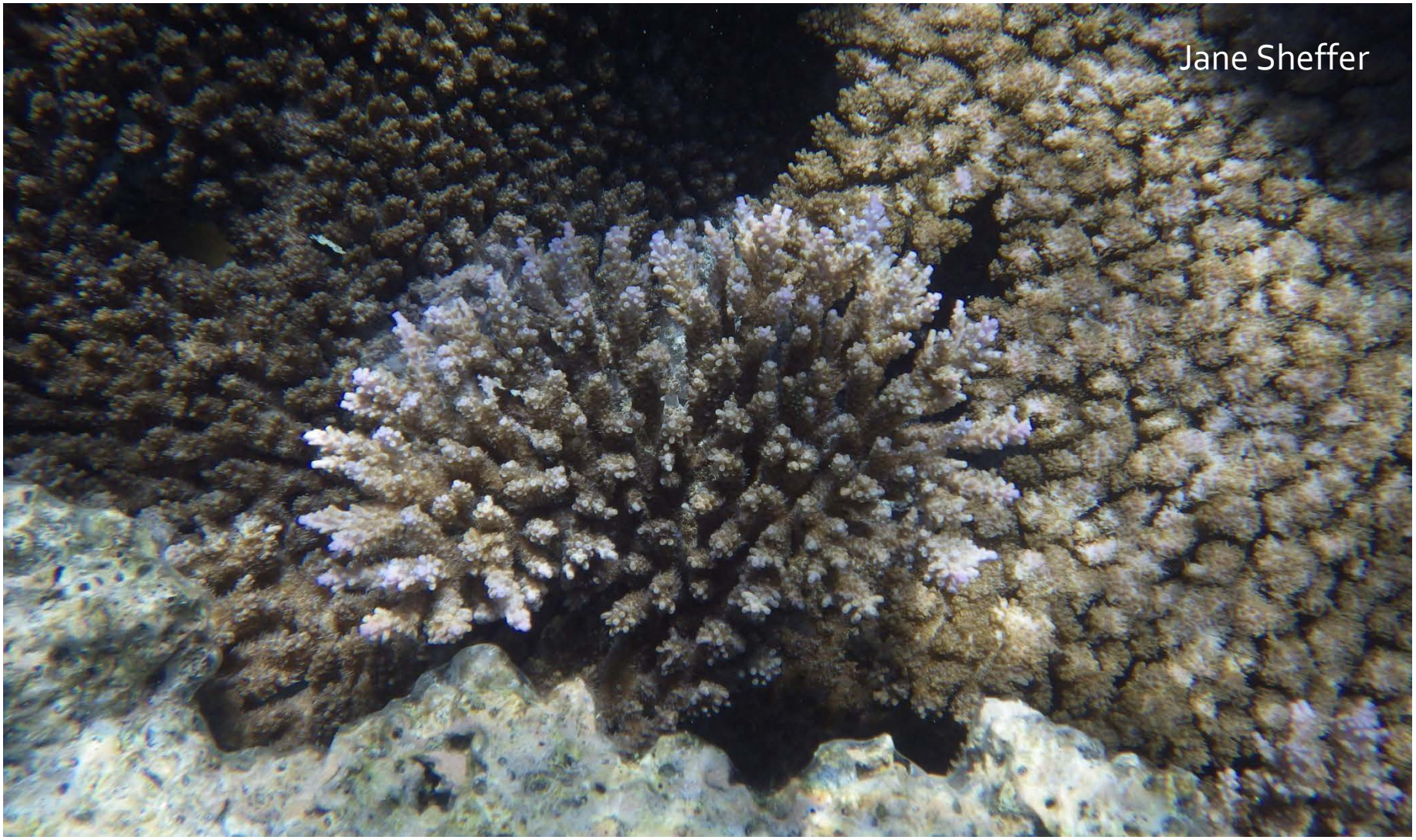
Red Phorbas

(Phorbas sp.)

Coral

Table Coral

(Acropora cytherea)



Finger Staghorn Coral

(Acropora humilis)

Bushy Staghorn Coral

(Acropora valida)

Red Coral*

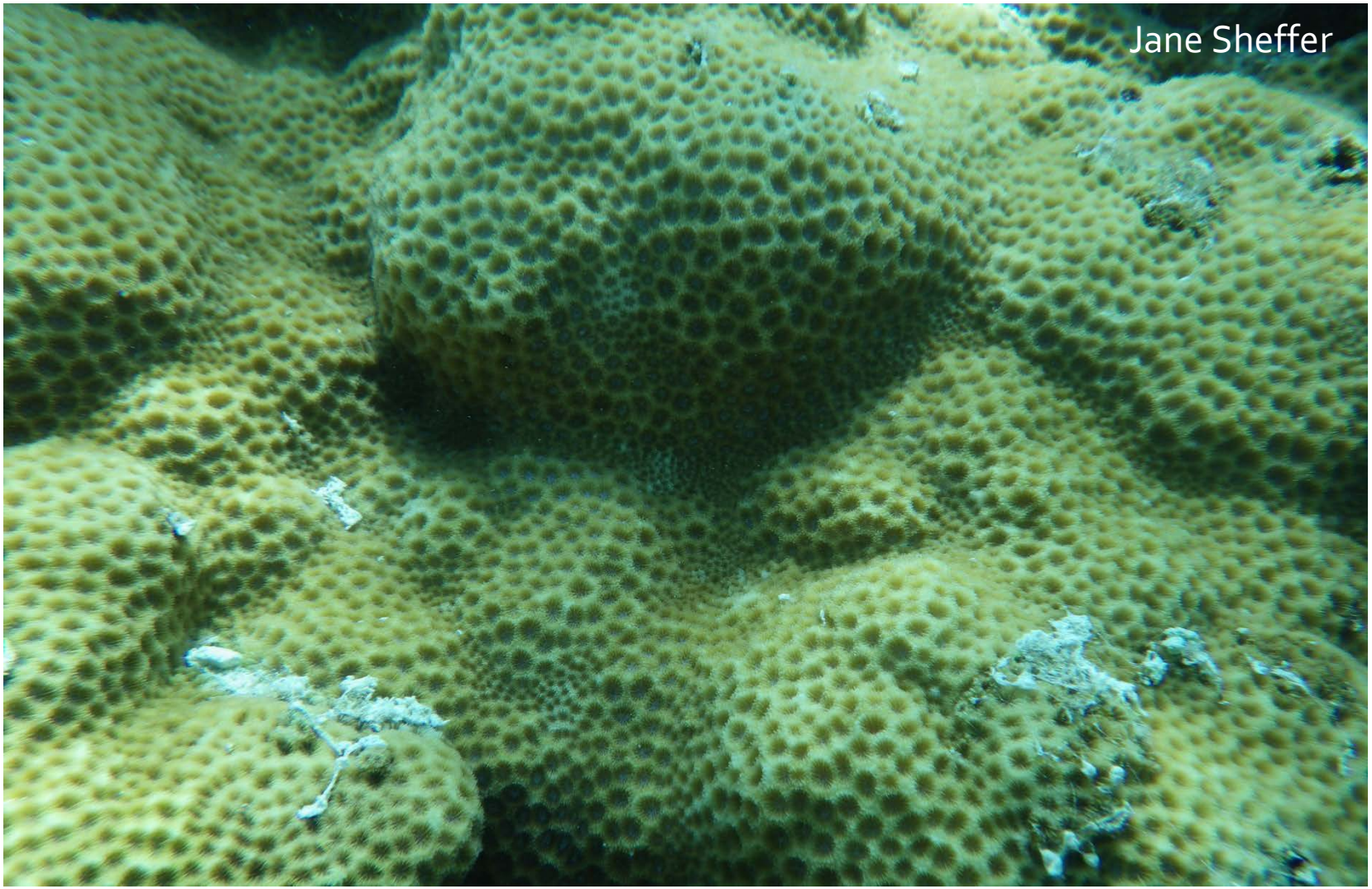
(Distichopora sp.)

Oval Mushroom Coral

(Fungia scutaria)

Crust Coral

(Lepastrea purpurea)

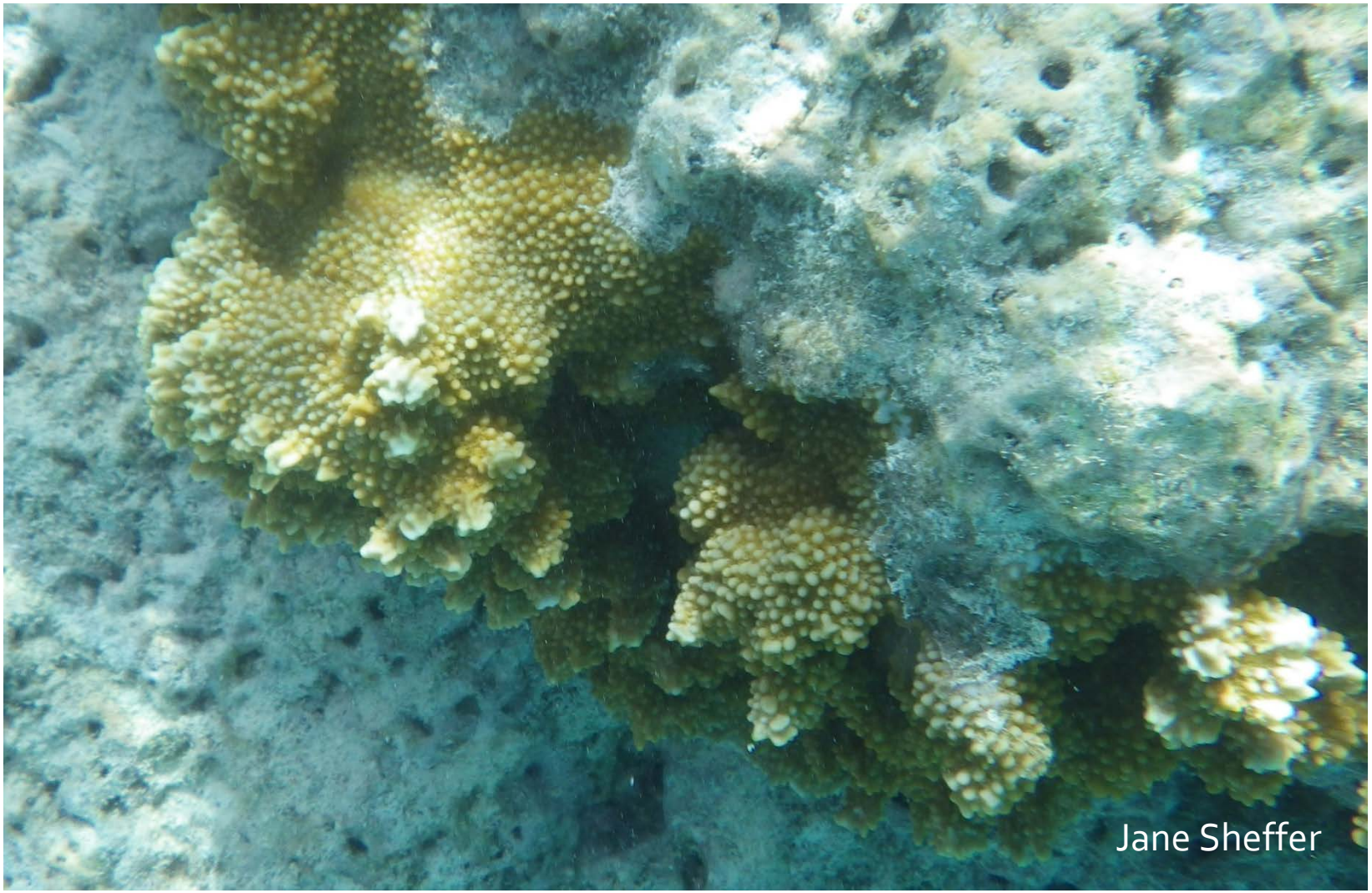


Fire Coral

(Millepora tenera)

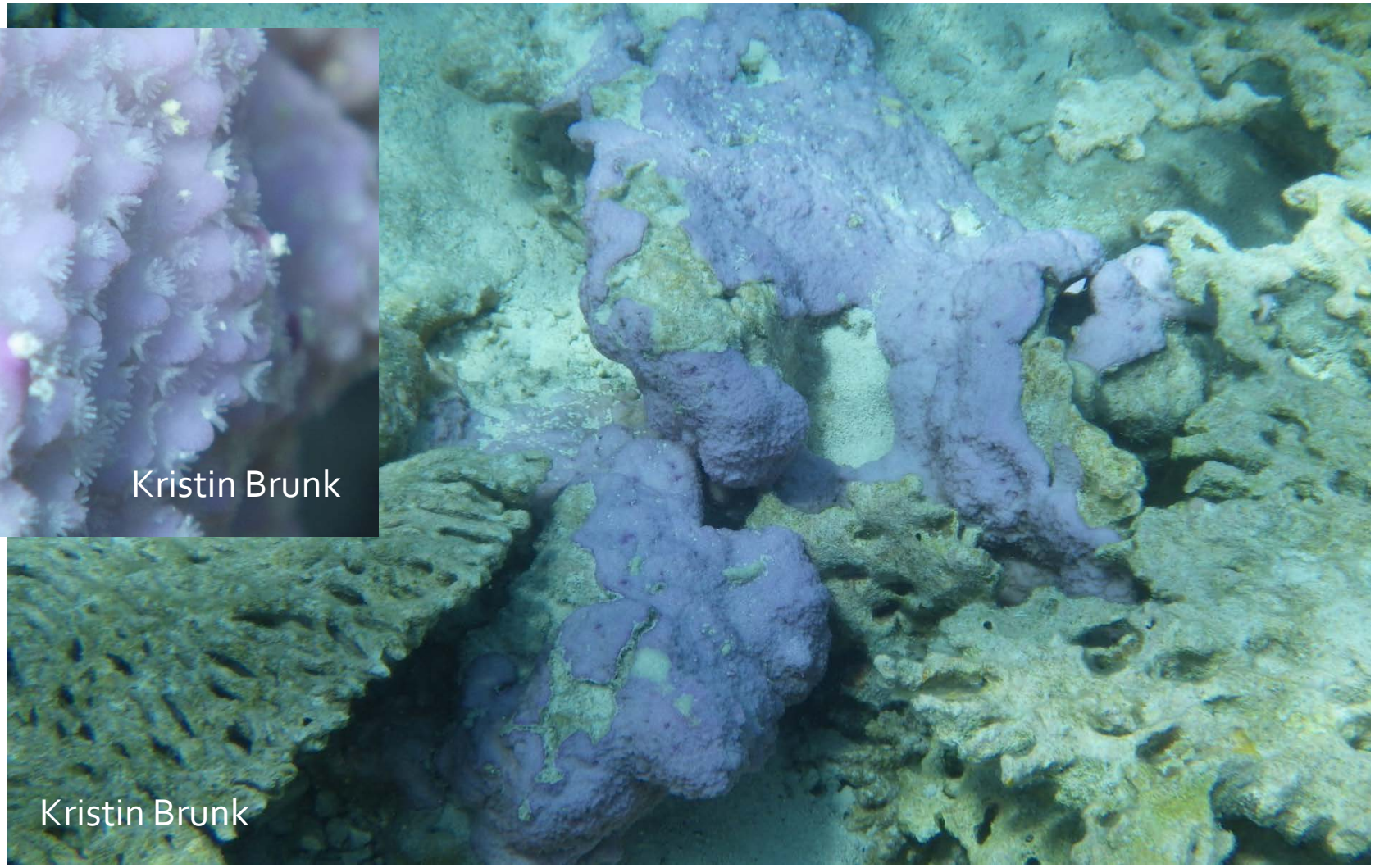
Rice Coral

(Montipora capitata)



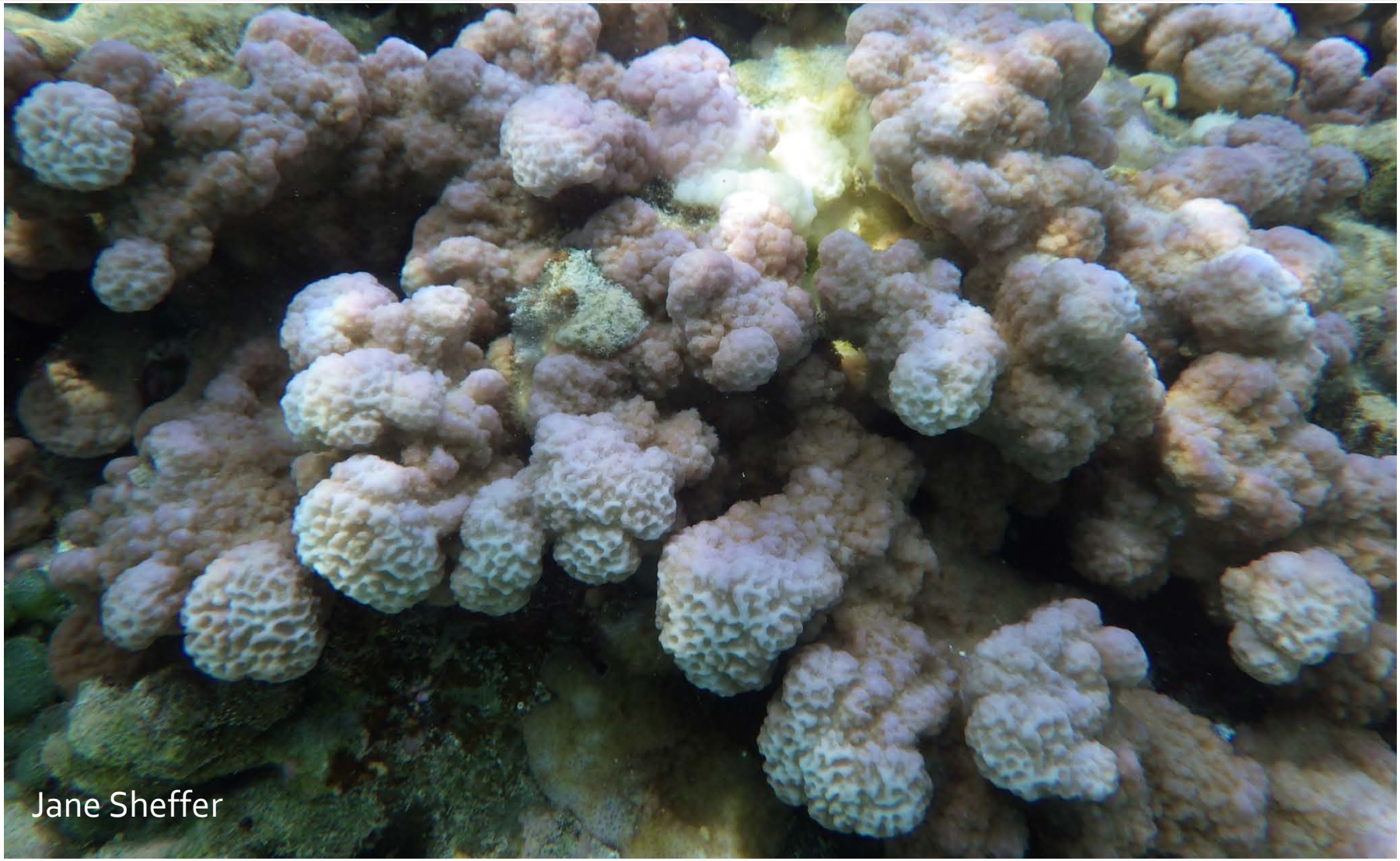
Blue Rice Coral

(Montipora flabellata)



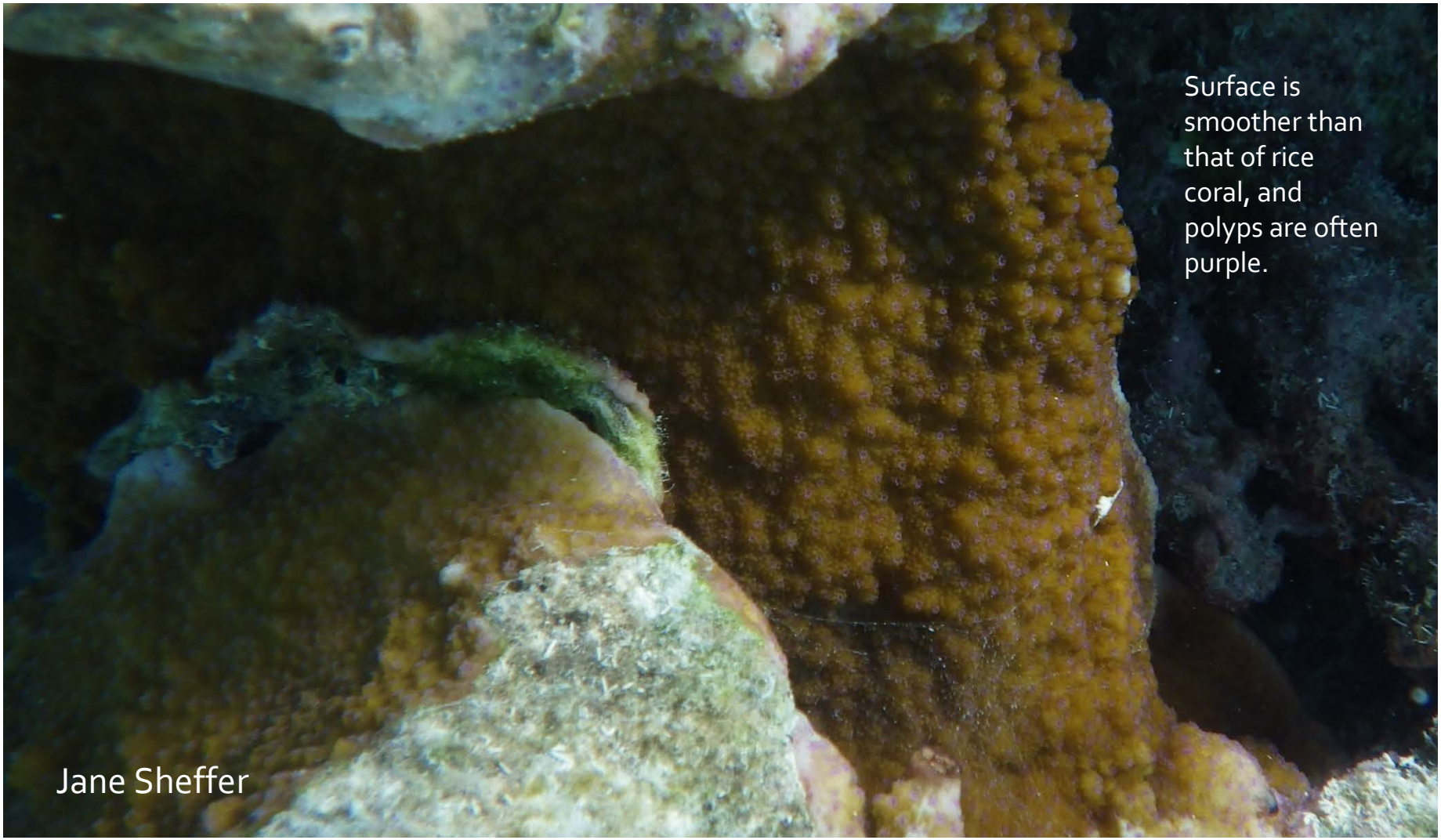
Branching Rice Coral

(Montipora incrassata)



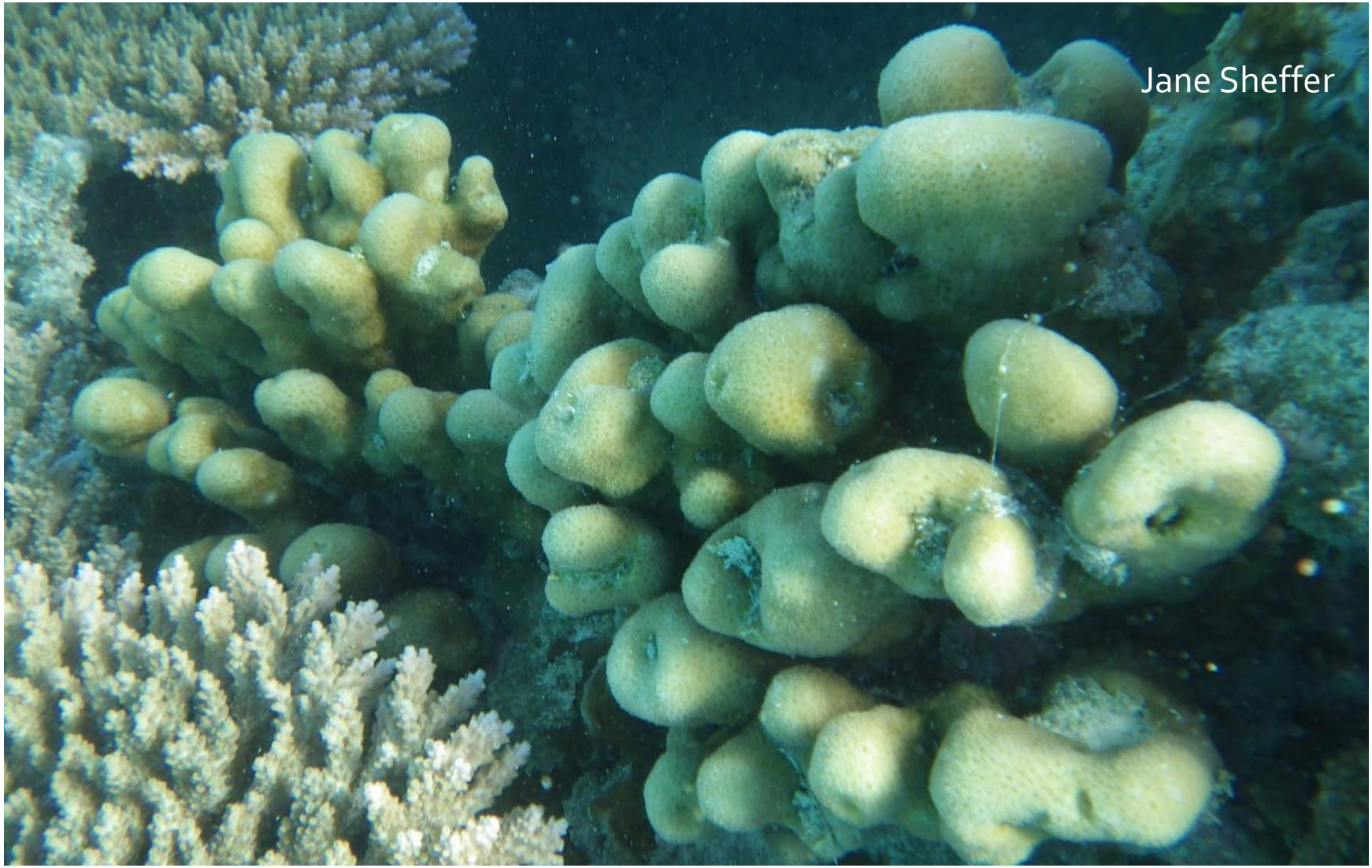
Sandpaper Rice Coral

(Montipora patula)



Porkchop Coral, Duerden's Coral

(Pavona duerdeni)

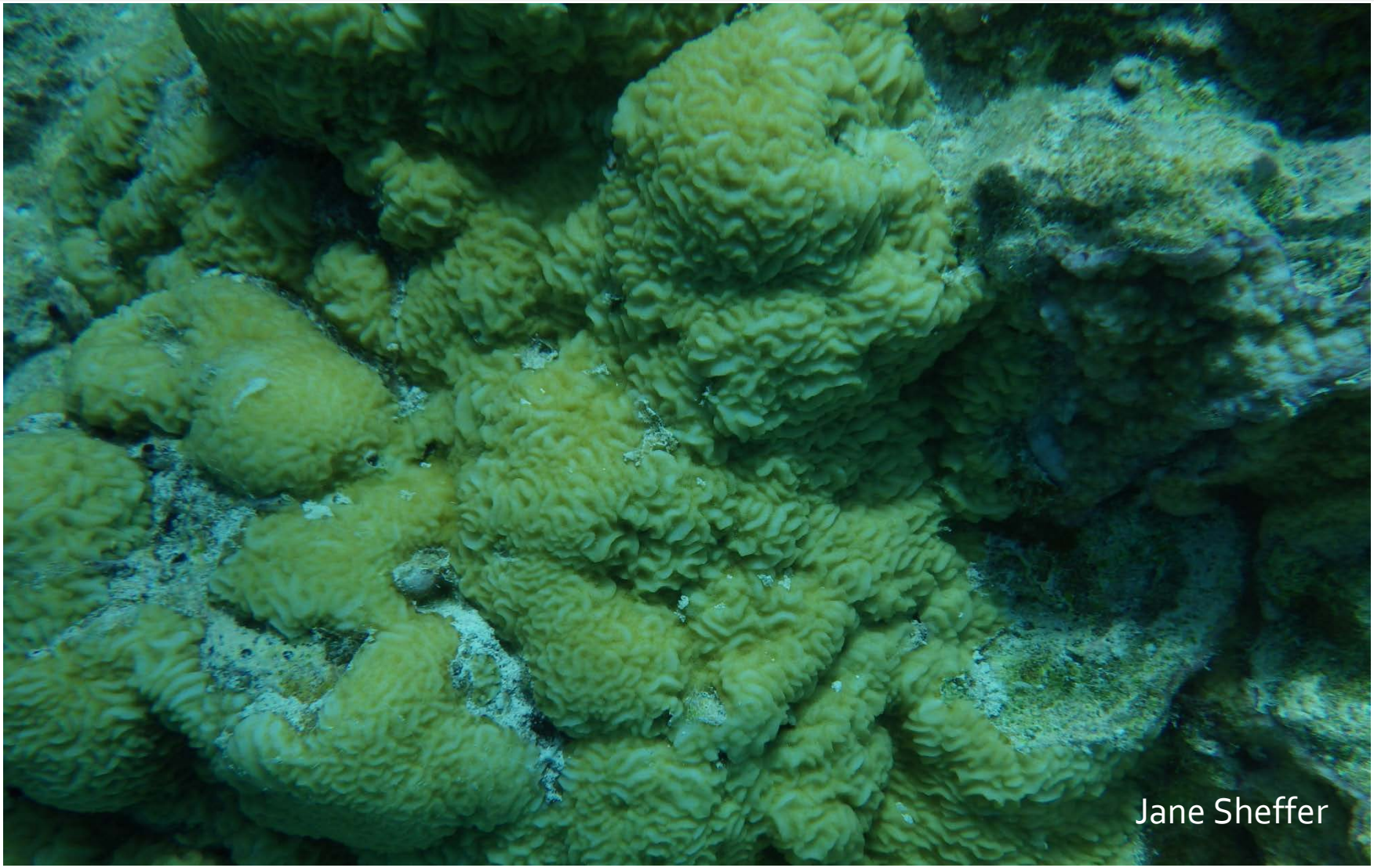


Maldive Coral

(Pavona maldivensis)

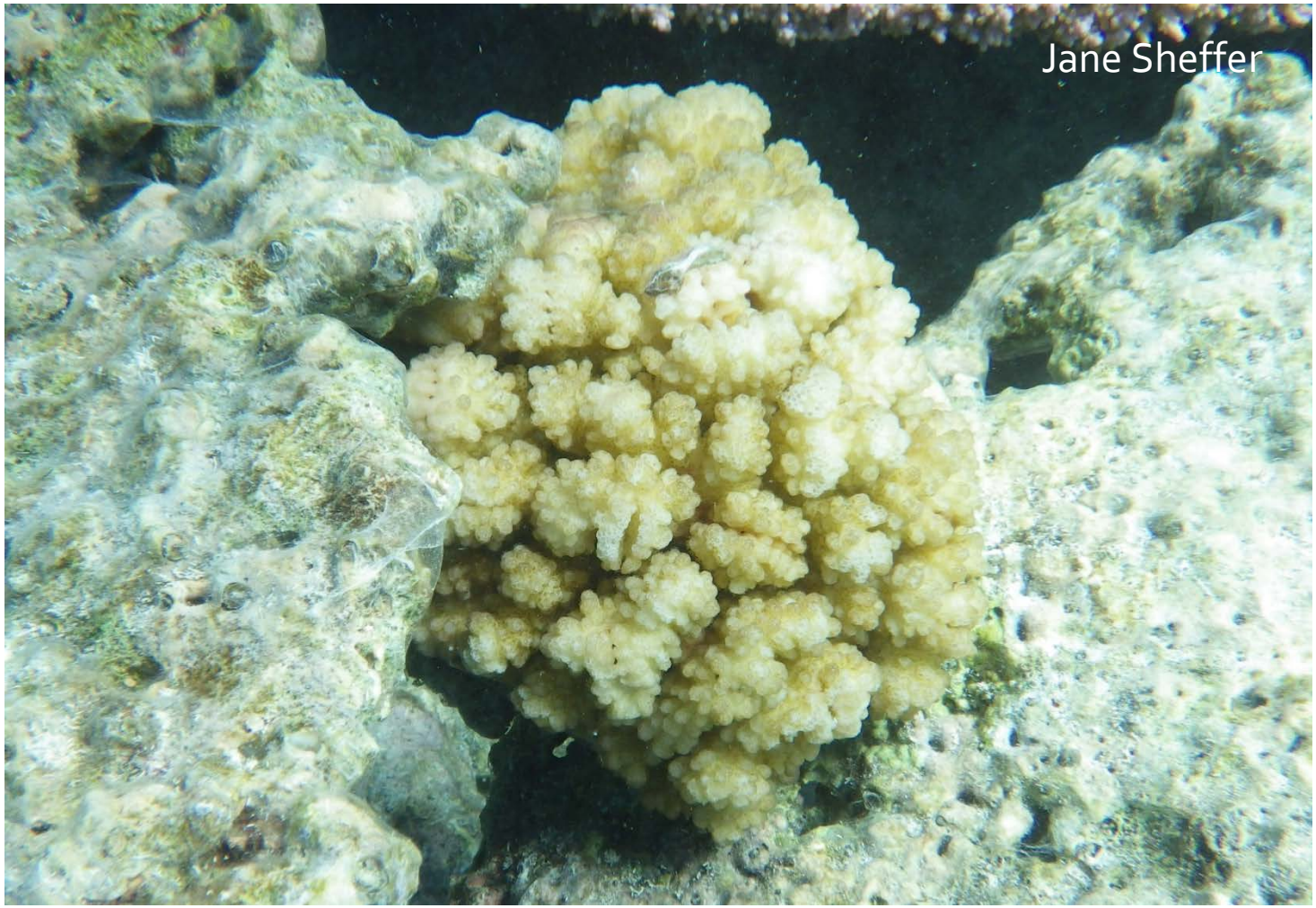
Corrugated Coral

(Pavona varians)



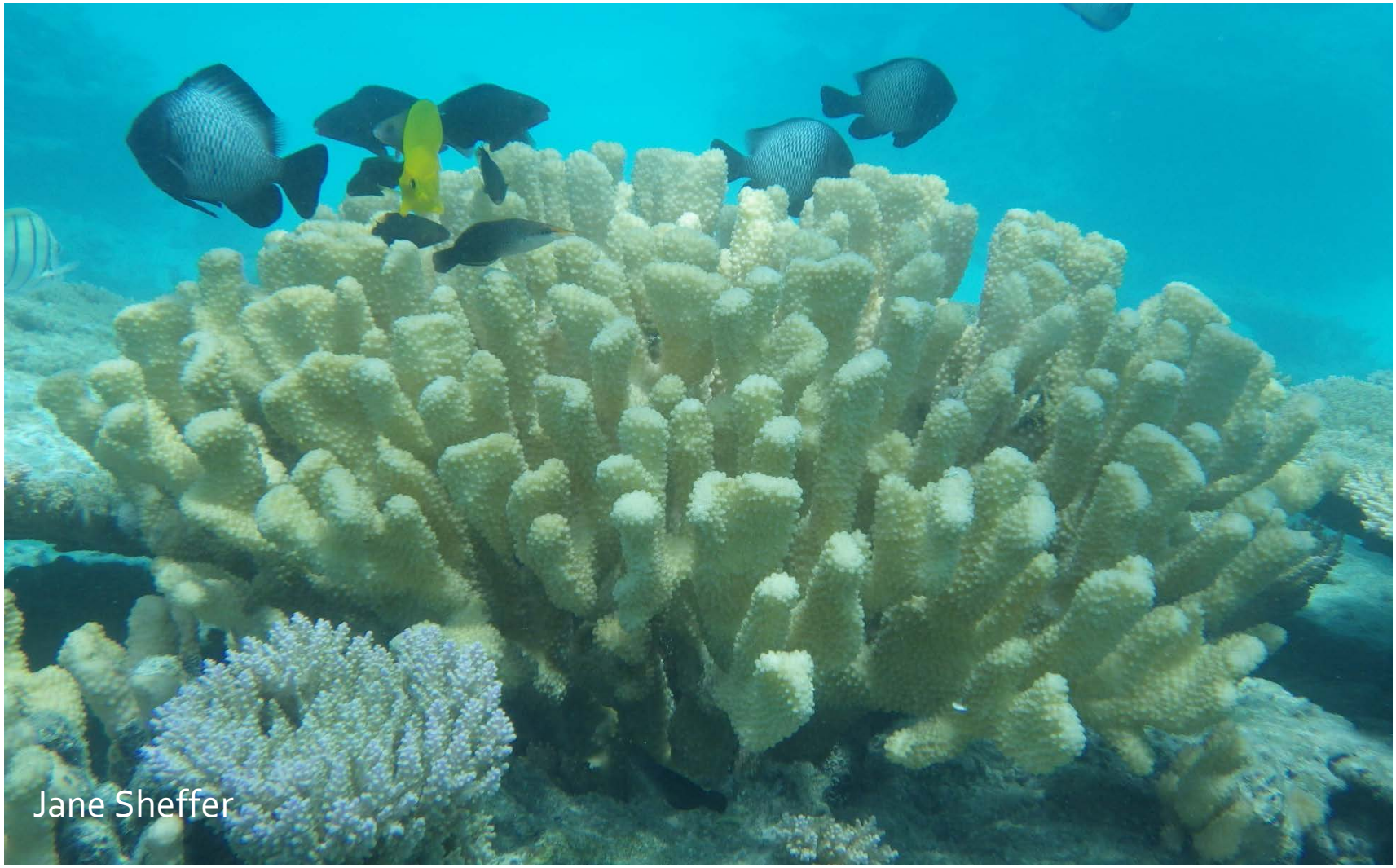
Lace Coral

(Pocillopora damicornis)



Antler Coral

(Pocillopora eydouxi)



Cauliflower Coral

(Pocillopora meandrina)

Lobe Coral

(Porites lobata)

Mound Coral

(Porites lutea)

Unidentified Soft Coral*

(Possibly Sinularia sp.)

Jenny Howard

Pillow Zoanthid*

(Palythoa caesia)

References and such

- Hoover, John P. 1998. Hawaii's Sea Creatures: A Guide to Hawaii's Marine Invertebrates.

- Fenner, Douglas. Corals of Hawaii.

* indicates the invertebrate was seen only across the channel