Scuba Diving Nov. 2015

Eleuthra, Bahamas 11/16 snorkel
Grand Turk 11/17 snorkel
Grand Cayman 11/19 Submarine
Cozumel 11/20 Scuba Dive (2)

Number of Crew: 1,346
Registry: Bermuda
Length: 1,083 feet
Height: 217 feet
Number of Decks: 19
Service Speed: 22 knots
May 2014 Inaugural

Guest Capacity: 3,560
Tonnage: 141,000
Builder: Fincantieri Cantieri Navali Italiani, Monfalcone, Italy

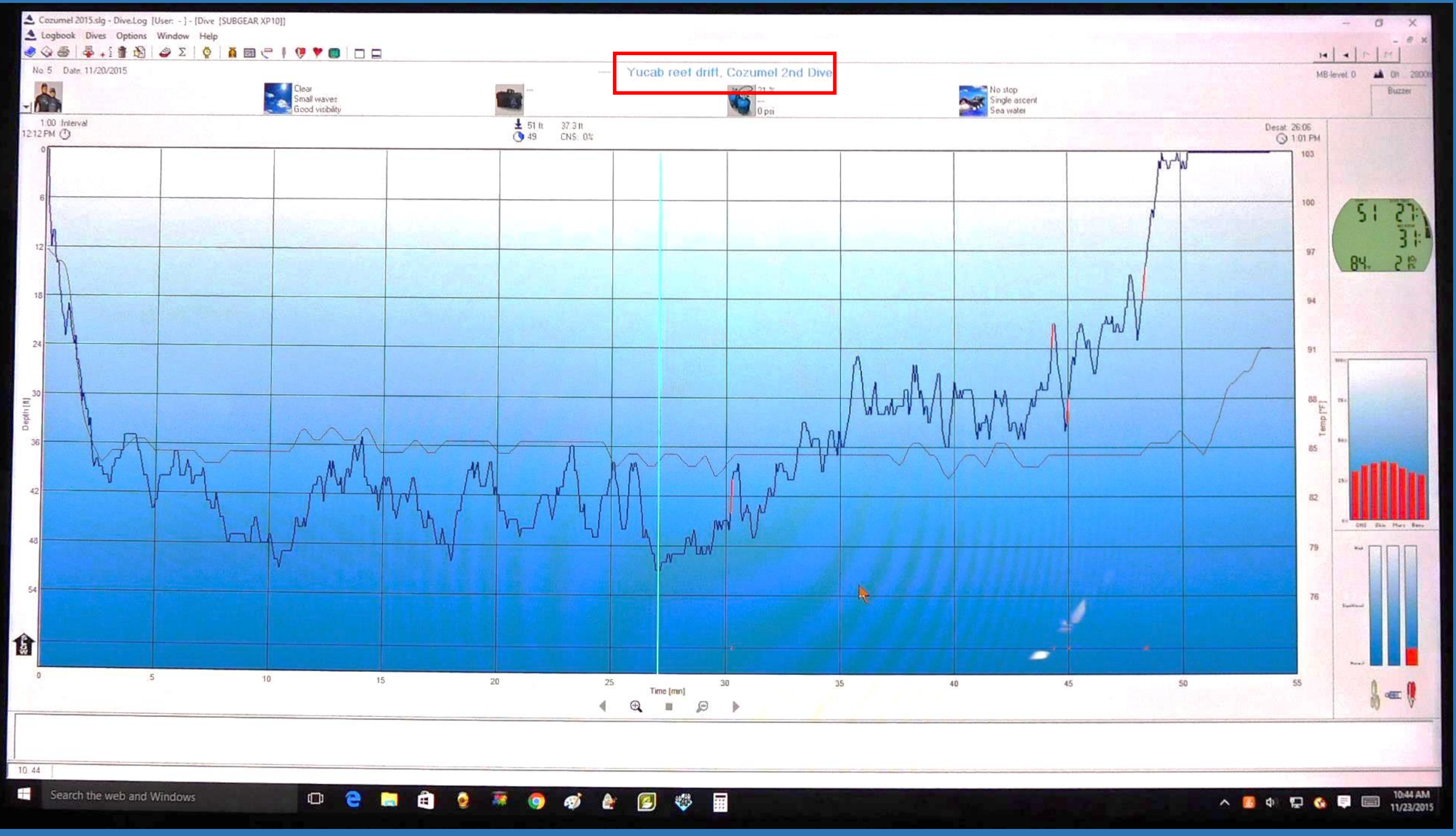
Regal Princess

Dive House guide Lorena: *Santa Rosa Wall*, Dive 1 & *Yucab*, Dive 2

Dive 2

Dive 1

Cozumel 2015.slg - Dive.Log [User: -] - [Dive [SUBGEAR XP10]]
Logbook Dives Options Window Help
No. 4 Date: 11/20/2015
Santa Rosa, Cozumel
Clear
Small waves
Great visibility
Camera
2000 psi
No stop
Single ascent
Sea water
Buzzer
Interval
10:36 AM
88 ft 53.4 ft
36 CNS 0%
Desat: 19:53
11:12 AM
Depth [ft]
Temp [°F]
Time [min]
0 5 10 15 20 25 30 35 40 45
0 15 30 45 60 75 90
102 95 88 81 74 67 60
10:44
Search the web and Windows
10:44 AM
11/23/2015


Cozumel 2015.slg - Dive.Log [User: -] - [Dive [SUBGEAR XP10]]
Logbook Dives Options Window Help
No. 5 Date: 11/20/2015
Yucab reef drift, Cozumel 2nd Dive
Clear
Small waves
Good visibility
No stop
Single ascent
Sea water
1:00 Interval
12:12 PM
51 ft 37.3 ft
49 CNS: 0%
Desat: 26:06
1:01 PM
Depth [ft]
Temp [°F]
Time [min]
10:44
Search the web and Windows
10:44 AM
11/23/2015

Nurse Shark- *Ginglymostoma cirratum* at ~60 ft. on Santa Rosa Wall Reef Cozumel, Mexico 11-20-’15 ~4 feet long, Female

Whitespotted Filefish

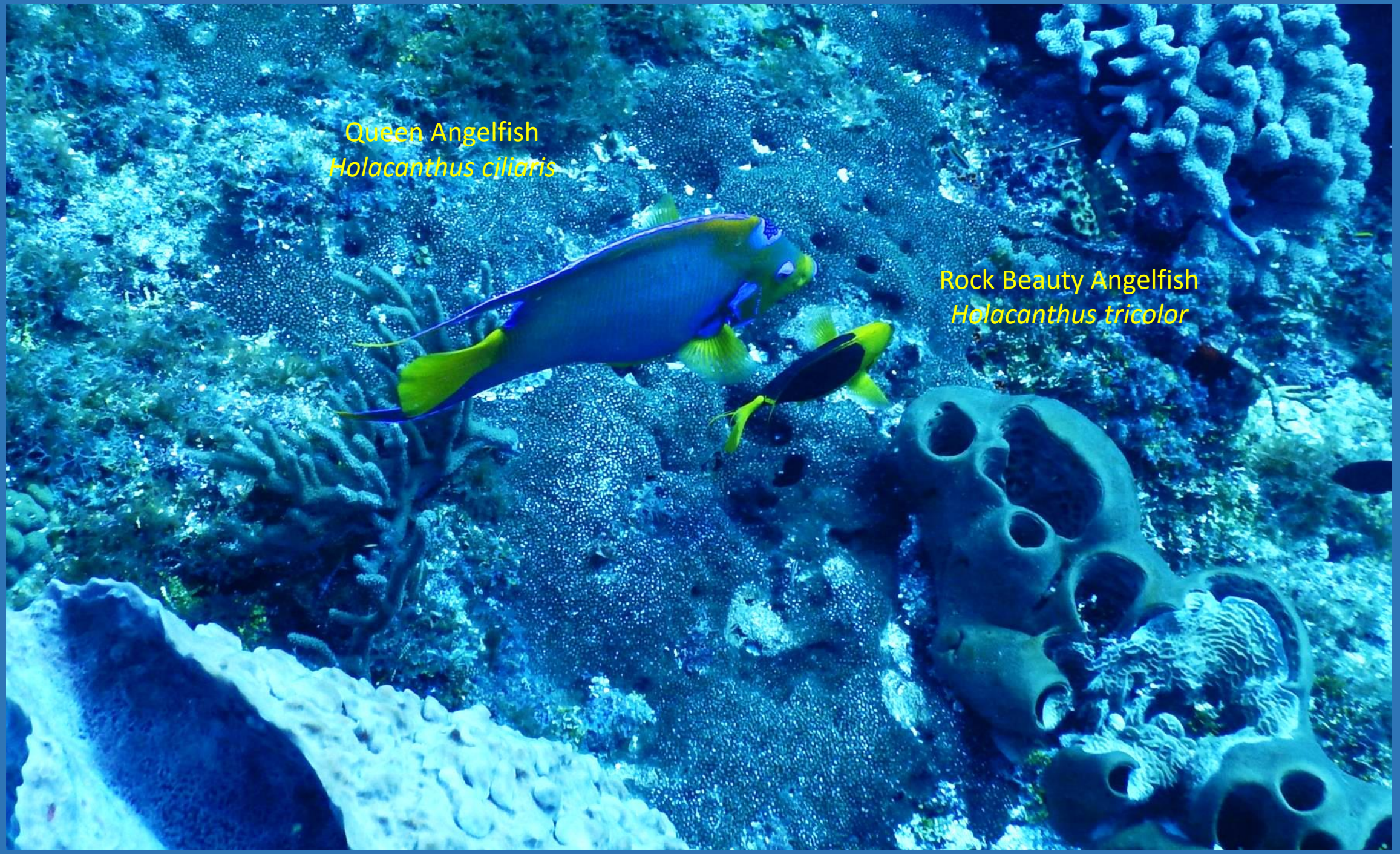
Cantherhines macrocerus

Whitespotted Filefish

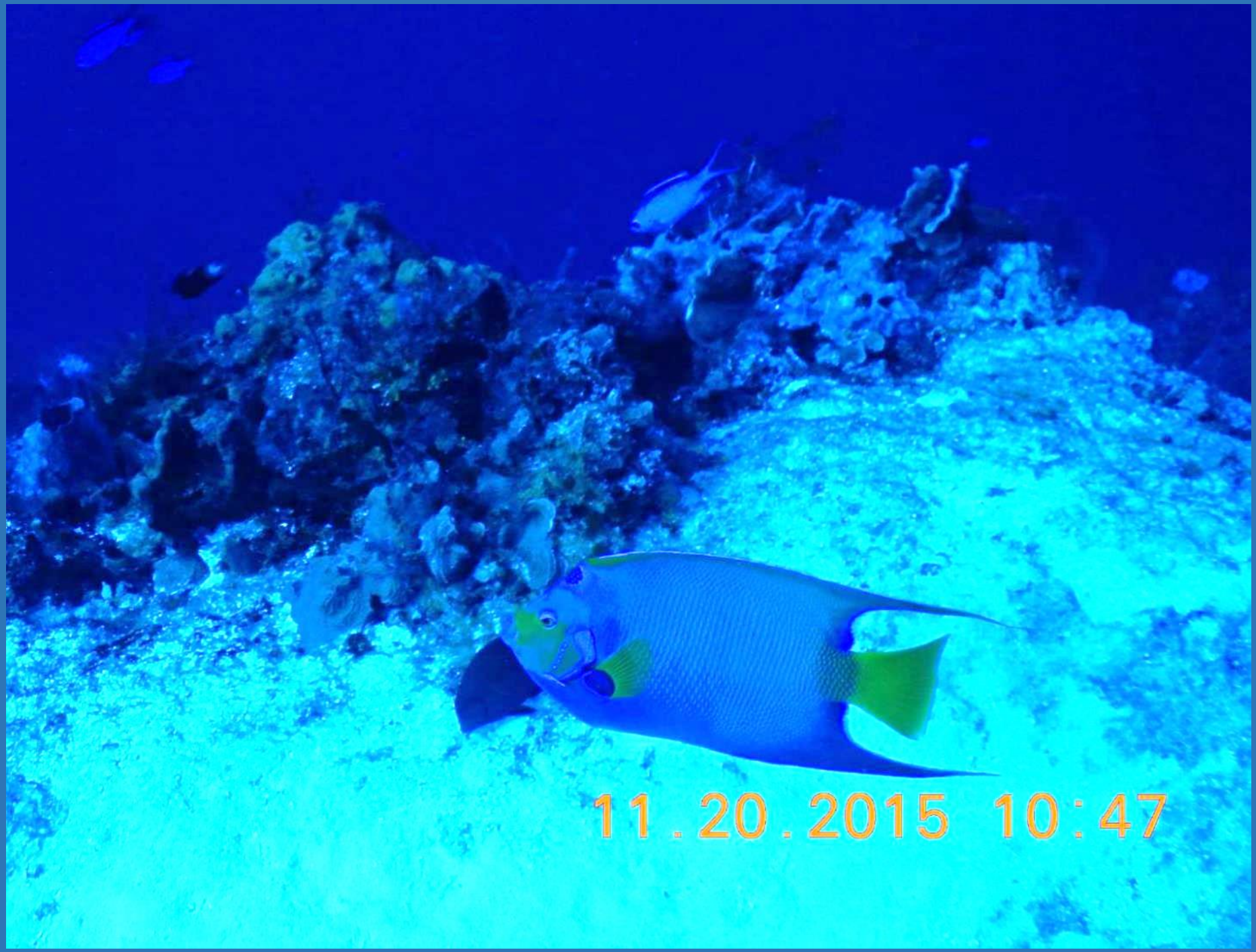
Cantherhines macrocerus

Juvenile ‘Beaugregory’ *Pomacentrus leucostrictus*

Queen Angelfish
Holacanthus ciliaris

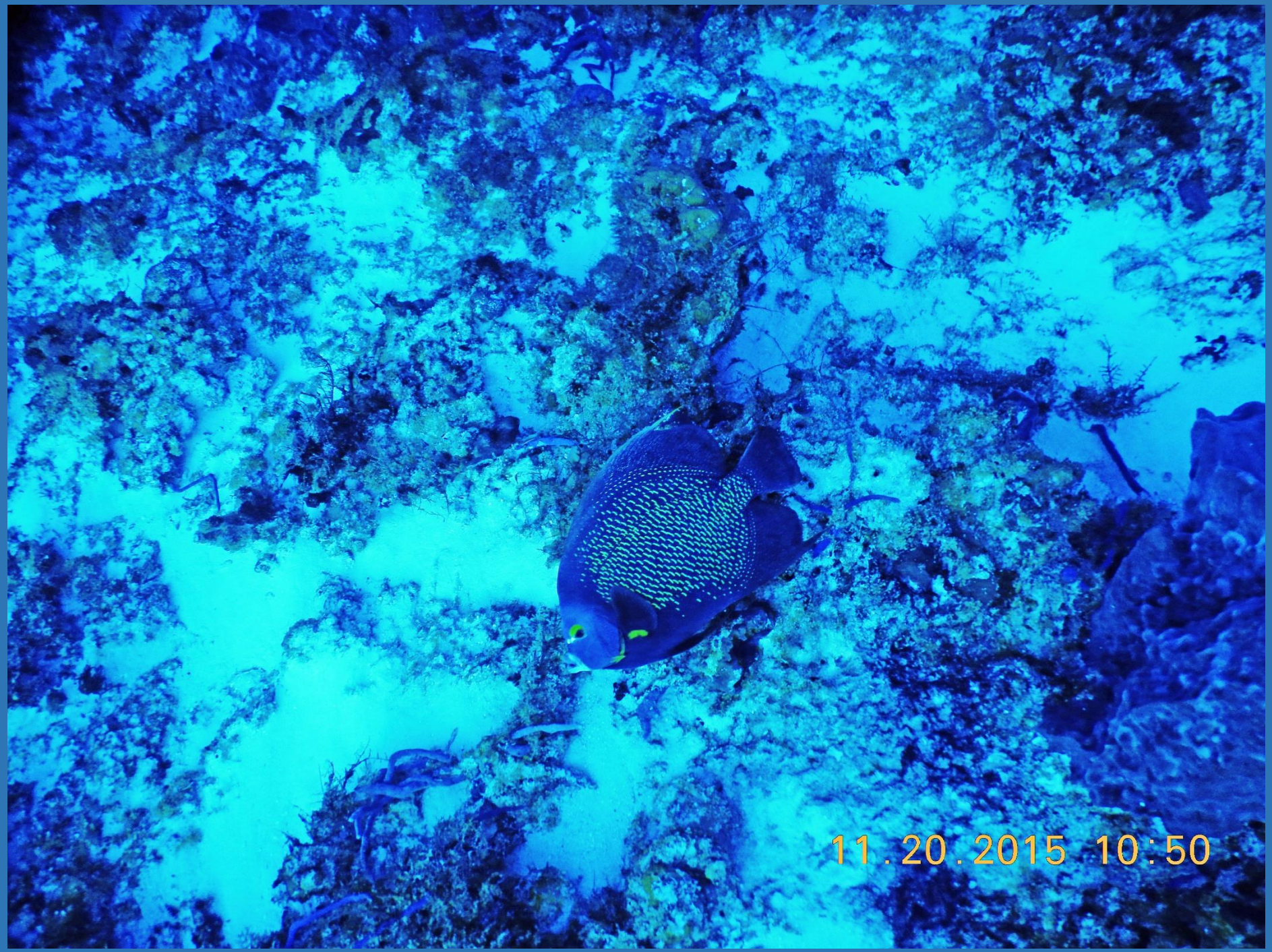

Queen Angelfish
Holacanthus ciliaris
Rock Beauty Angelfish
Holacanthus tricolor

Queen Angelfish
Holacanthus ciliaris



Gray Angelfish
Pomacanthus arcuatus

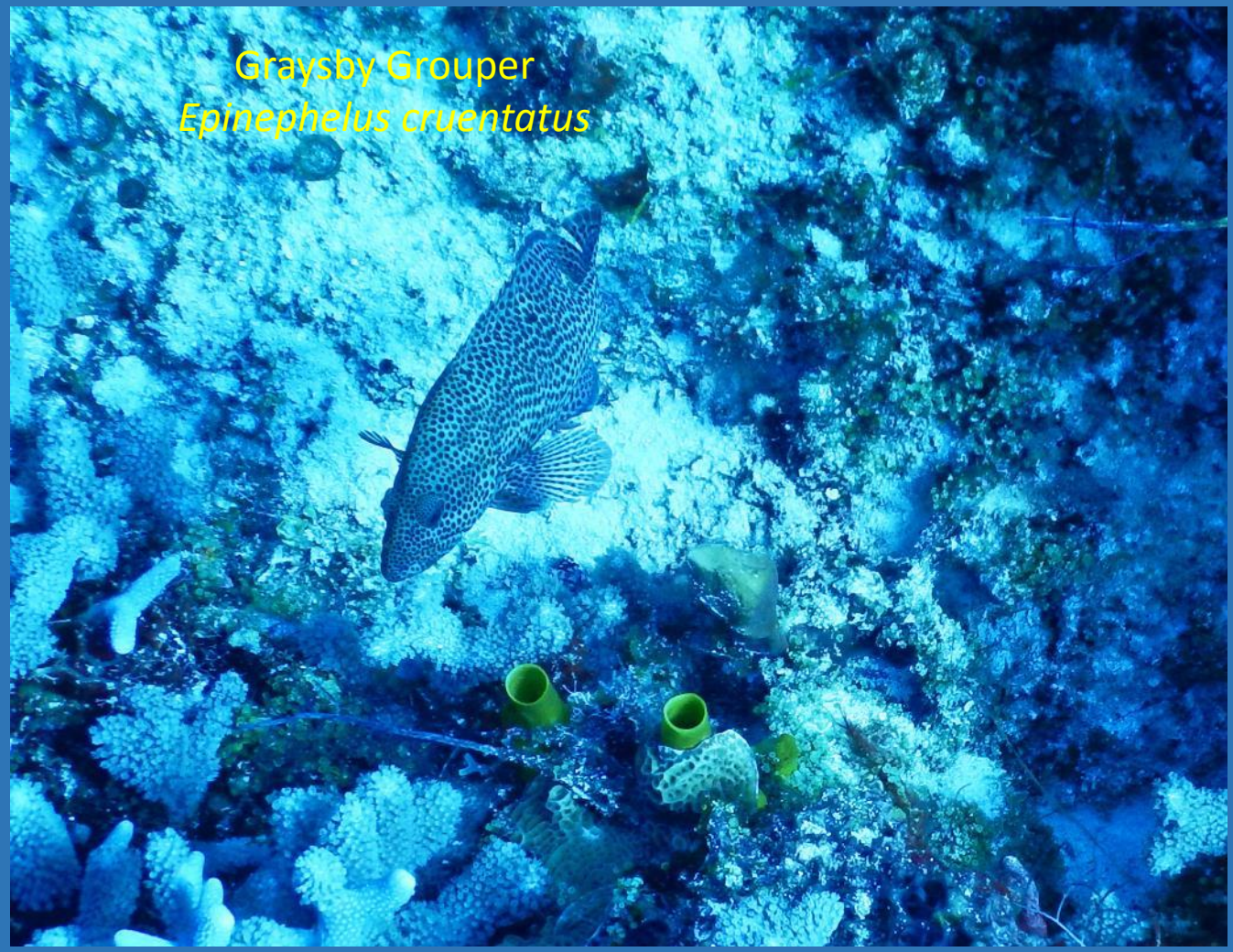
French Angelfish
Pomacanthus paru



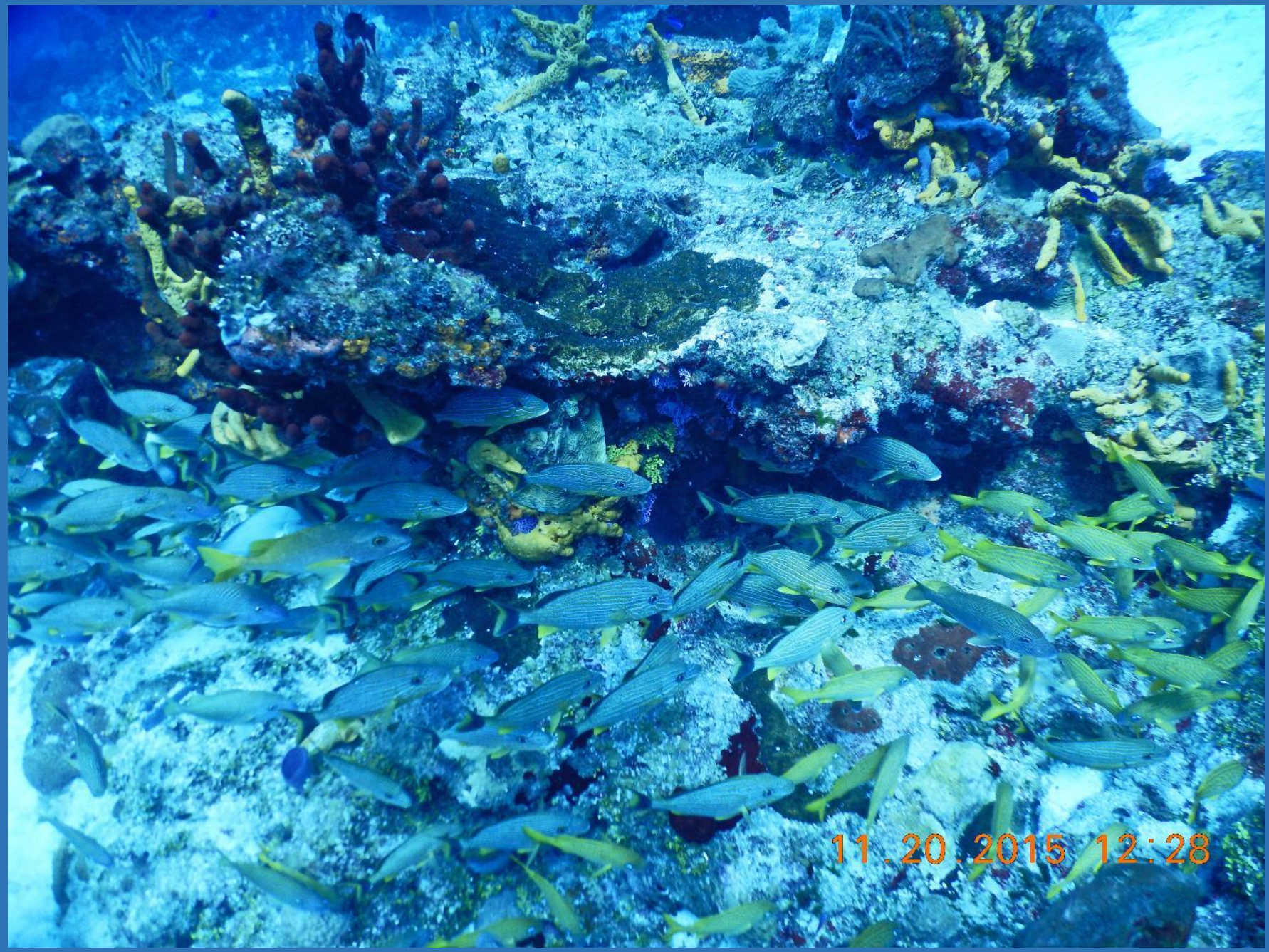
French Angelfish
Pomacanthus paru

Foureye Butterflyfish
Chaetodon capistratus

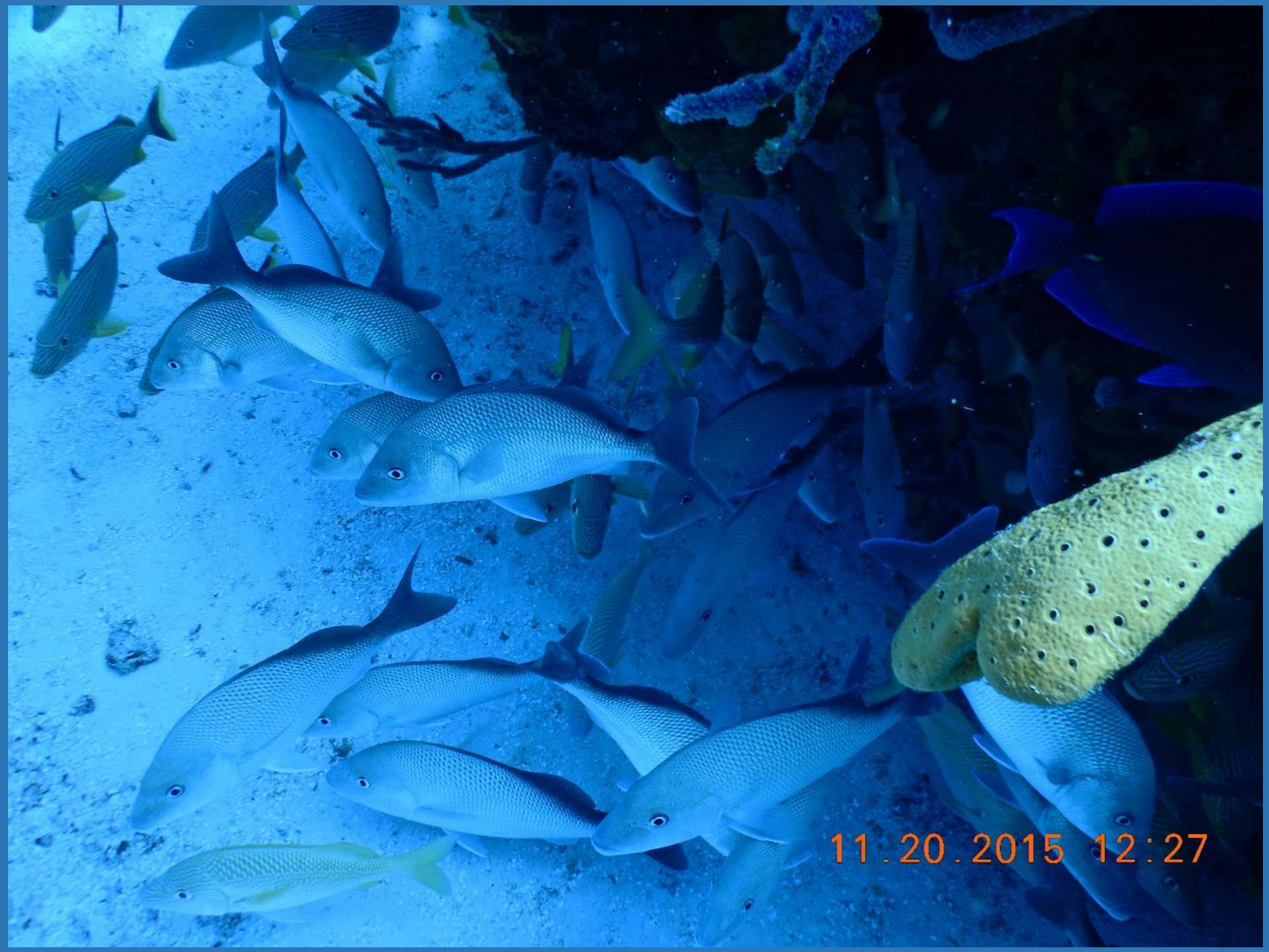
Coney Grouper
Epinephelus guttatus


Graysby Grouper
Epinephelus cruentatus

Black Durgon Triggerfish
Melichthys niger

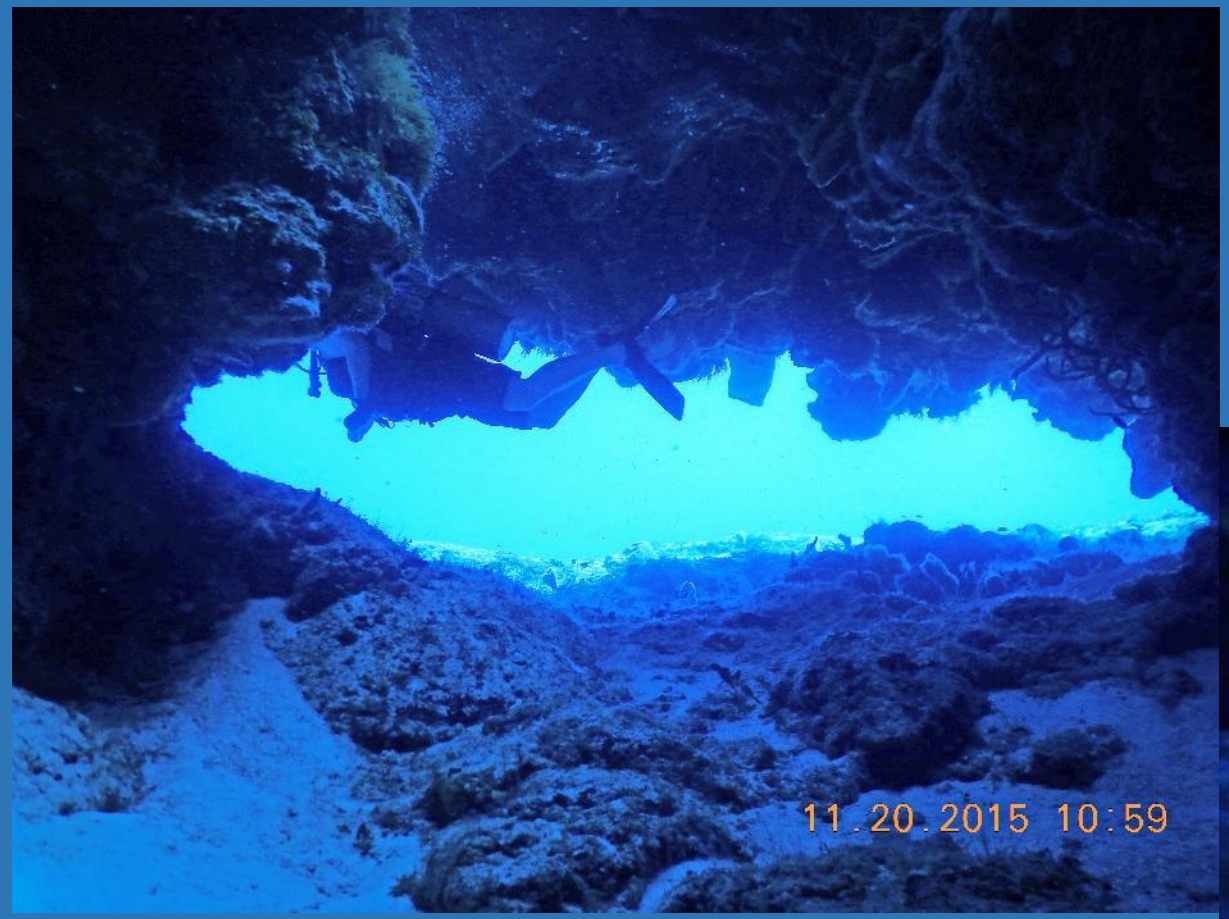

11.20.2015 12:28

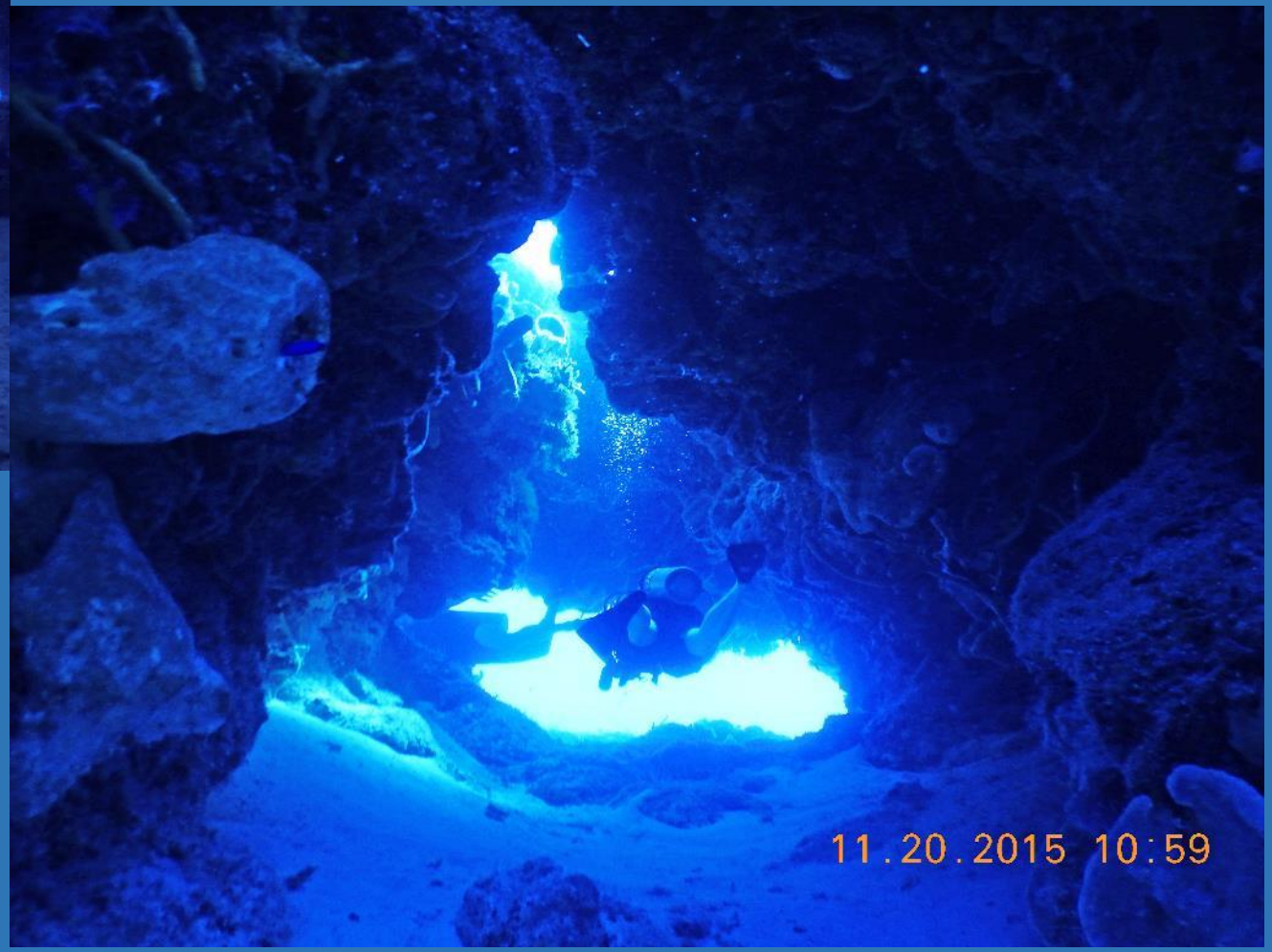
Cottonwick Grunts & French Grunts *Haemulon melanurum & Haemulon flavolineatum*

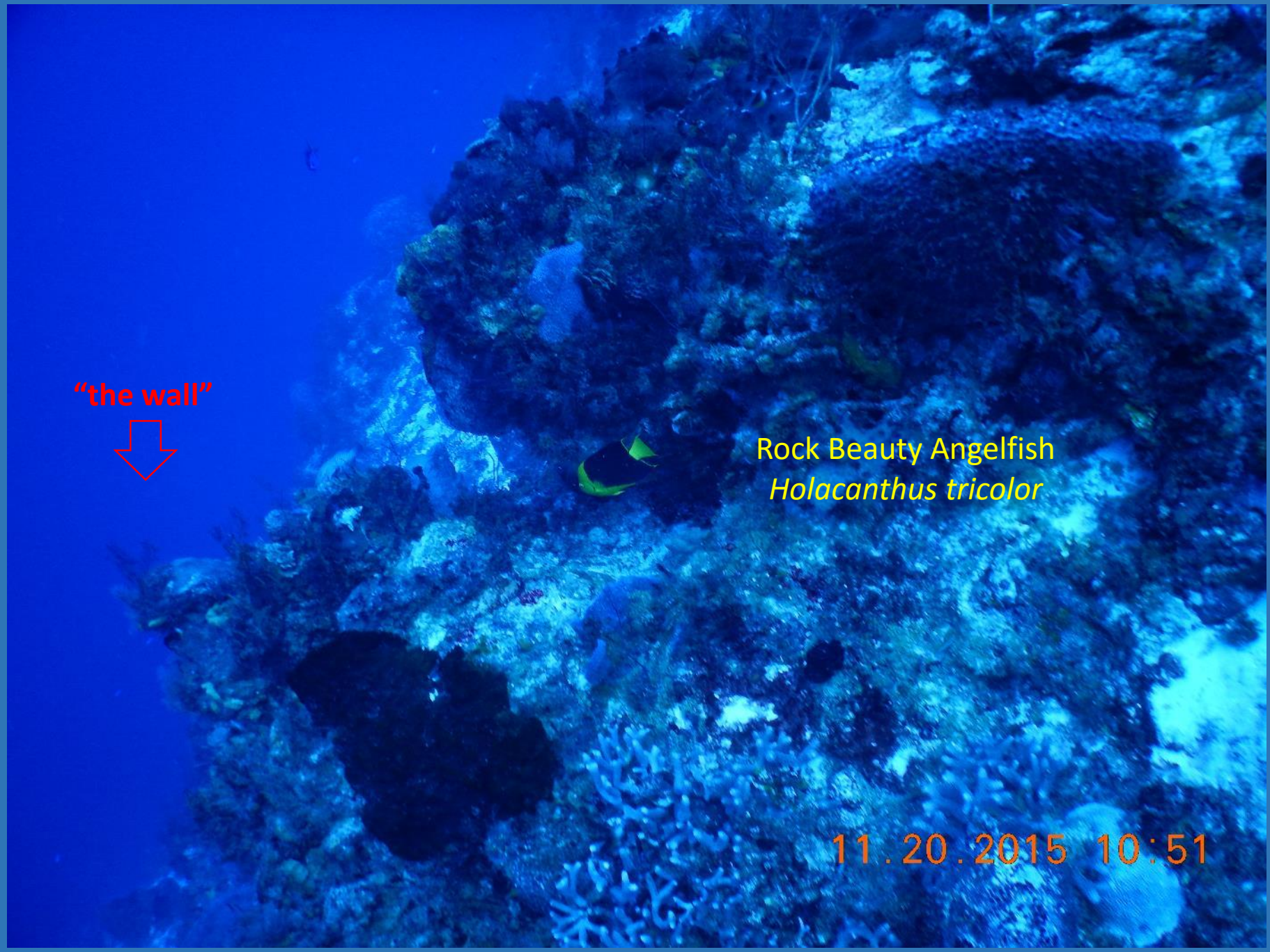


Caves, cut- throughs and skylights in
Santa Rosa Wall Reef

Caves, cut-throughs and skylights in
Santa Rosa Wall Reef

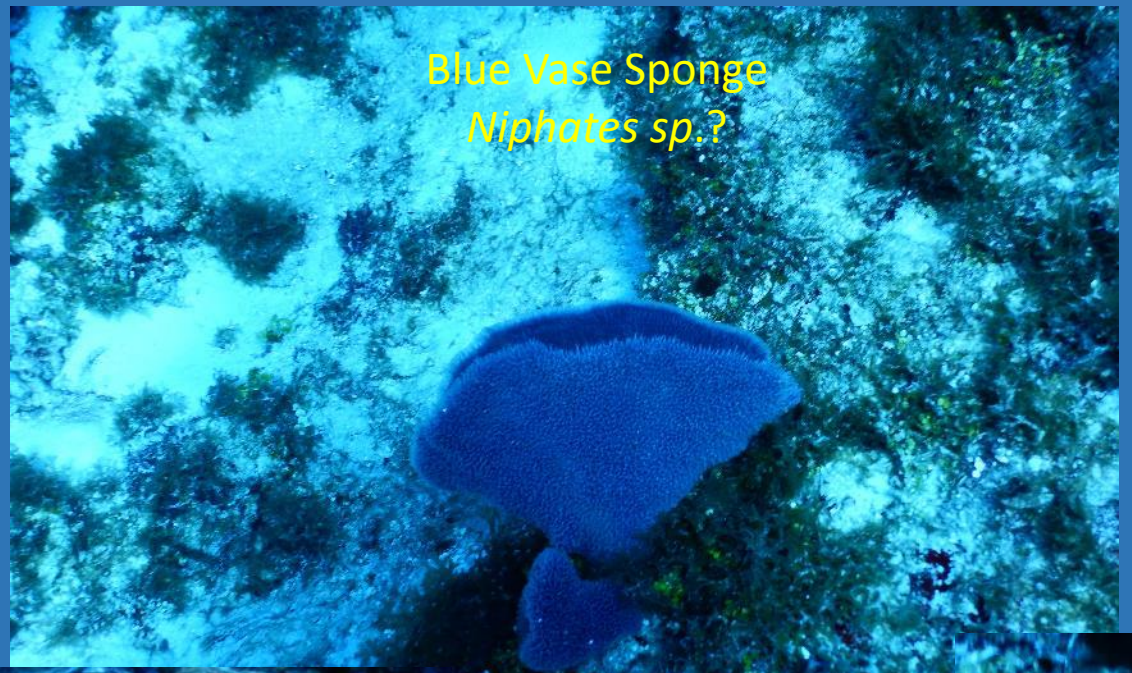





"the wall"
Rock Beauty Angelfish
Holacanthus tricolor
11.20.2015 10:51

Condylactis gigantea
Sea Anemone

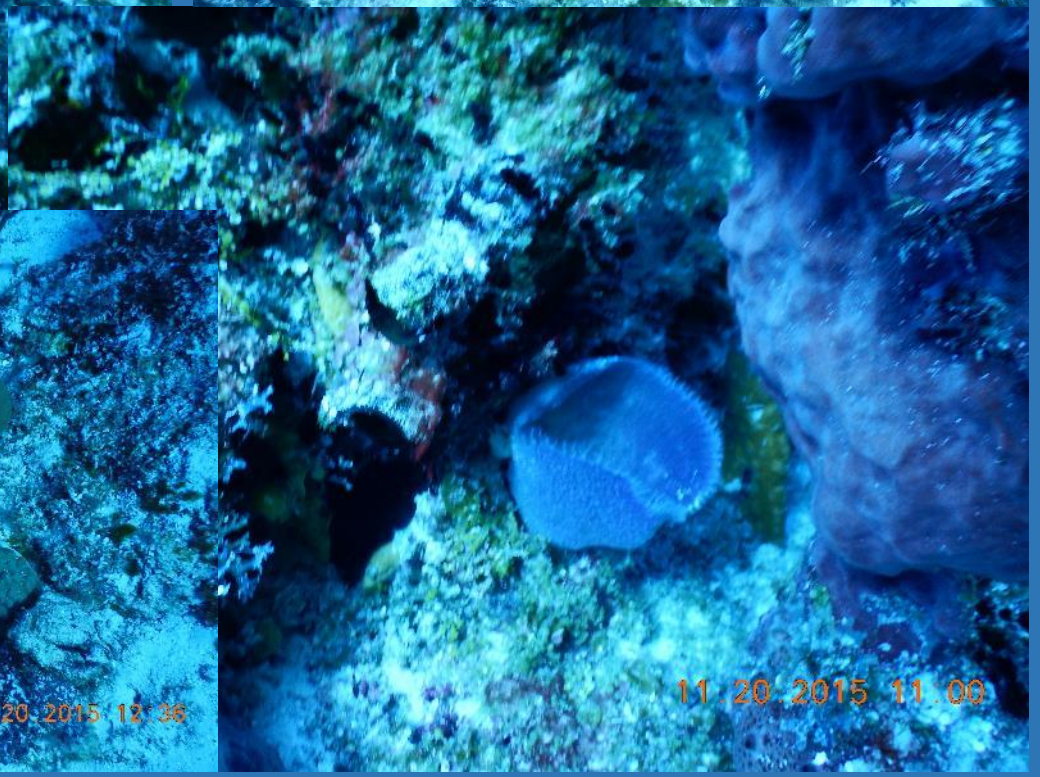
Azure Vase Sponge
Callyspongia plicifera

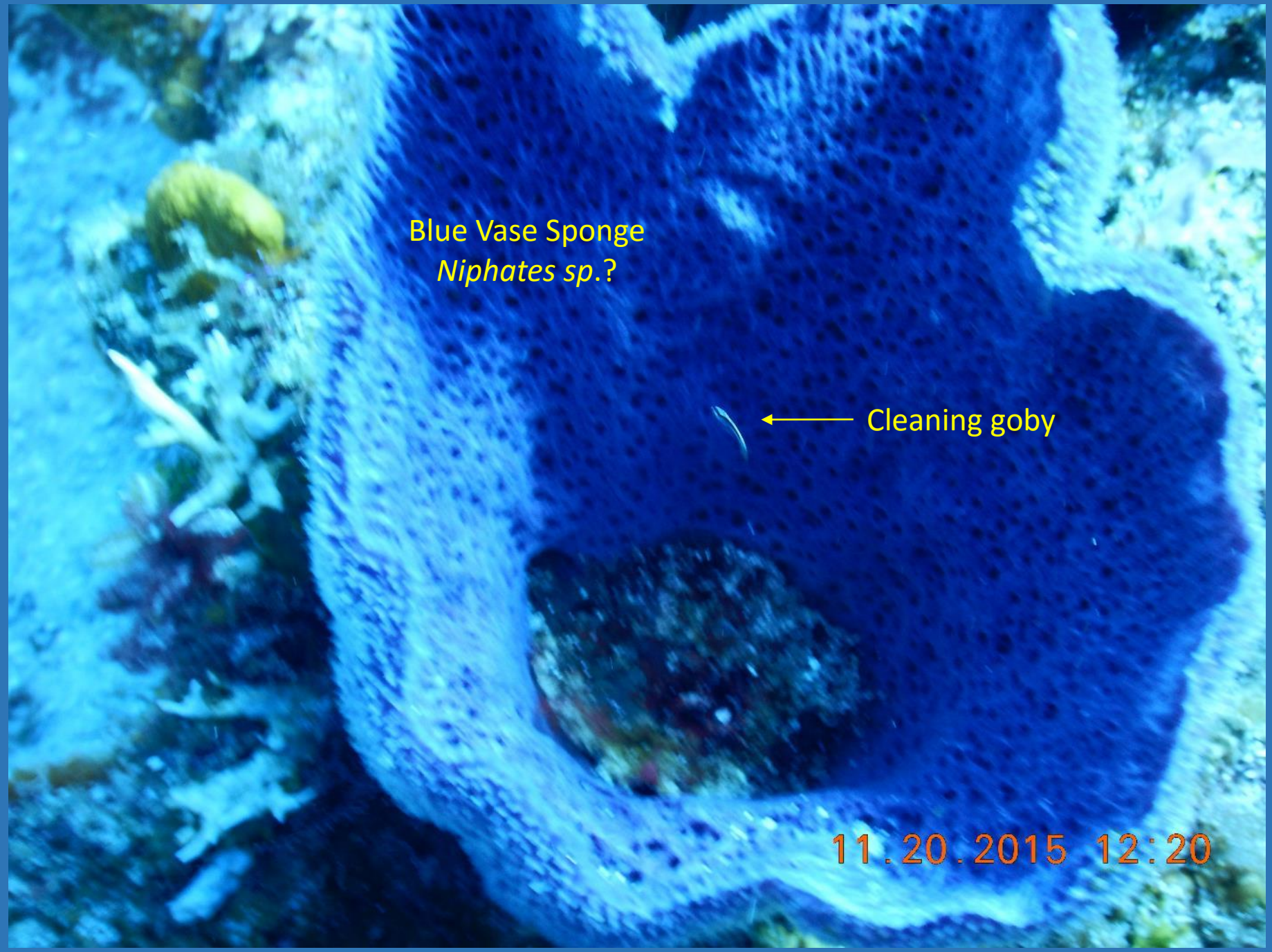

Blue Vase Sponge
Niphates sp.?
11.20.2015

11.20.2015 12:32

11.20.2015 10:39

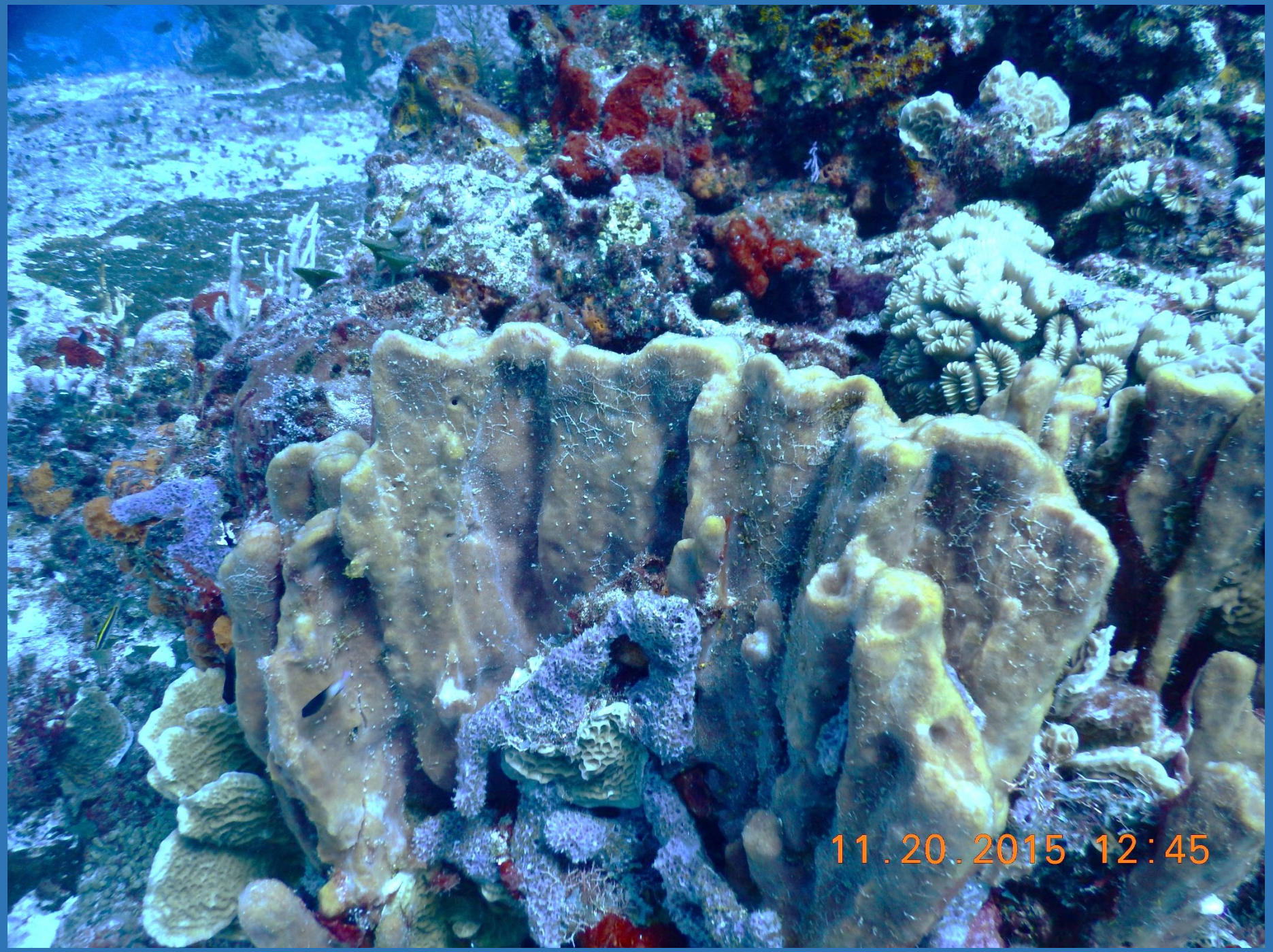
Brown Tube Sponge
Agelus conifera
11.20.2015 12:36


11.20.2015 11:00


Blue Vase Sponge
Niphates sp.?
Cleaning goby
11.20.2015 12:20

Brown Tube Sponge
Agelus tubulata

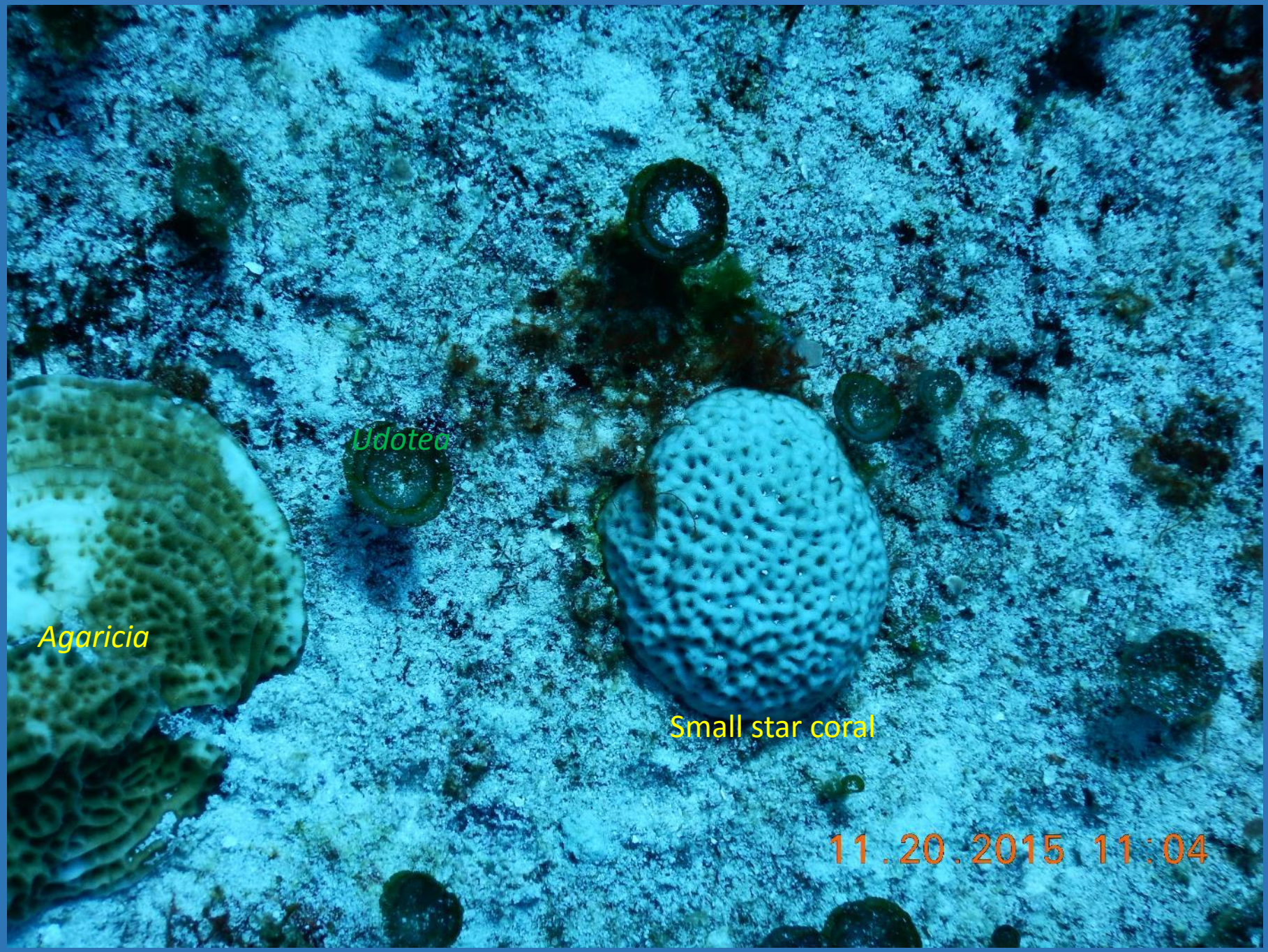
11.20.2015 12:27


11.20.2015 12:45

Drift Diving 1-2 mph along Yucab Reef
11.20.2015 12:24

Butterprint brain coral *Meandrina meandrites*

11.20.2015 12:27

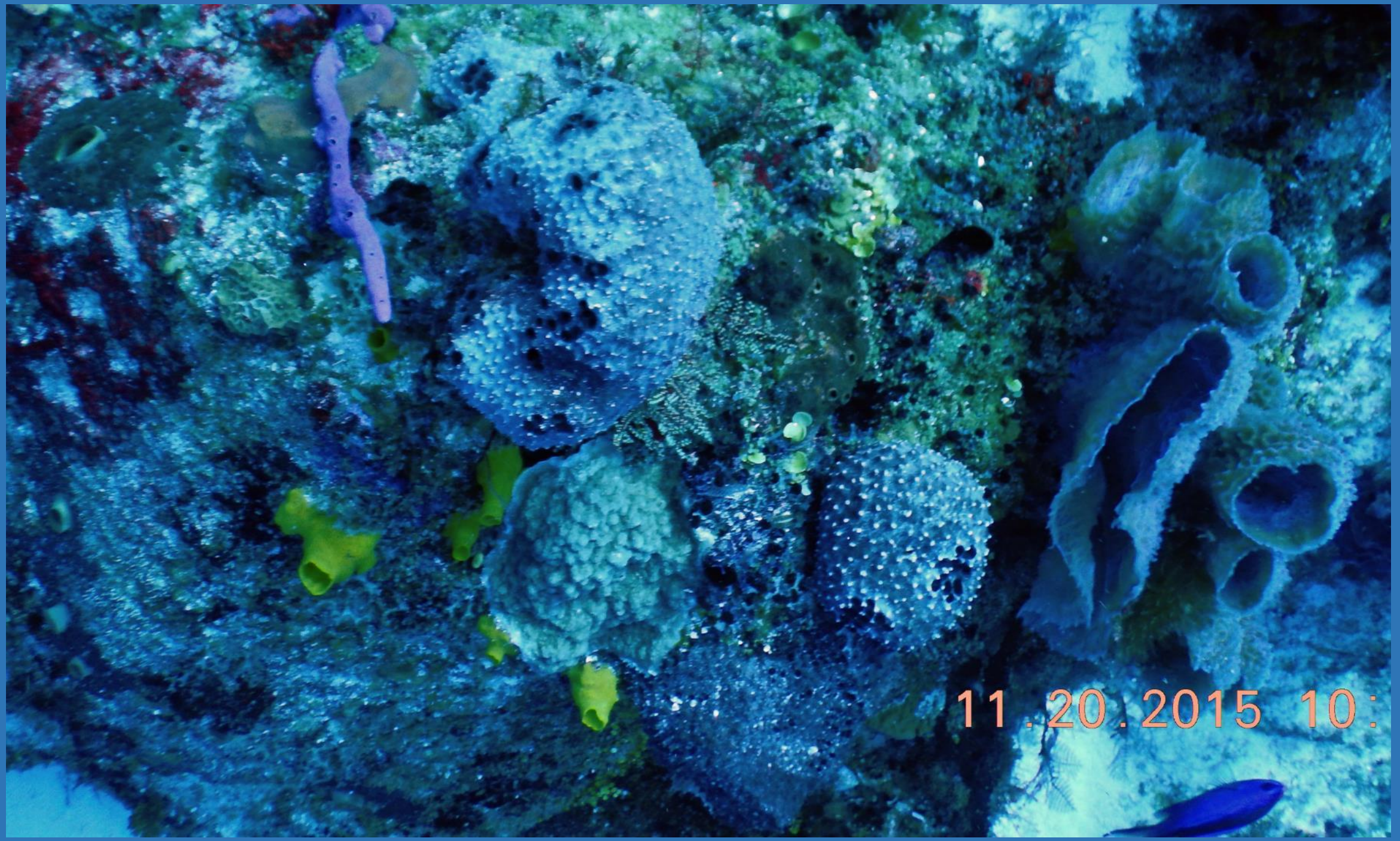

Udotea
Agaricia
Small star coral
11.20.2015 11:04

Diploria
strigosa
11.20.2015 12:50

Eusmilia fastigiata
11.20.2015 12:46

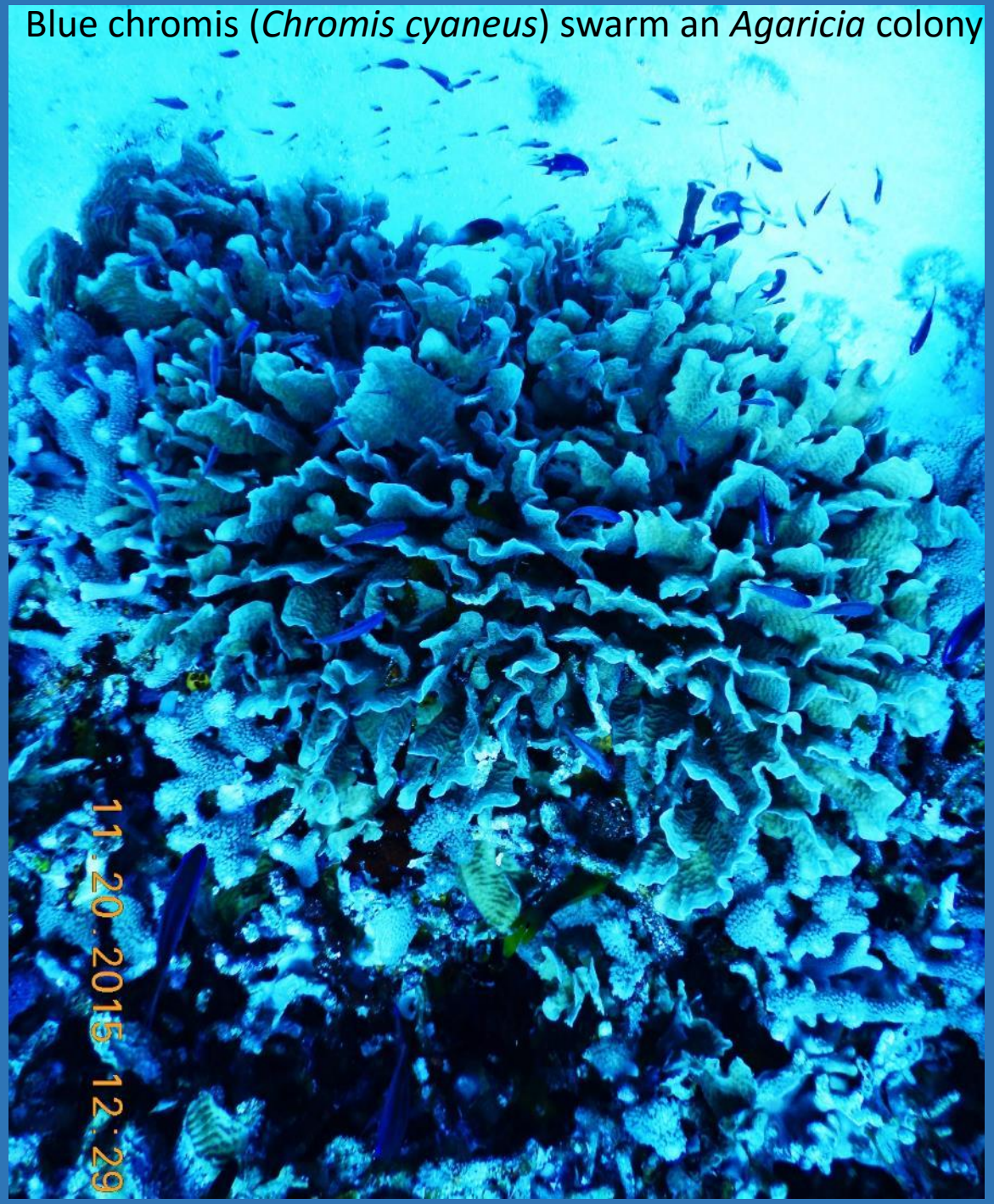
Bicolor damselfish *Pomacentrus partitus*

11.20.2015 10:45

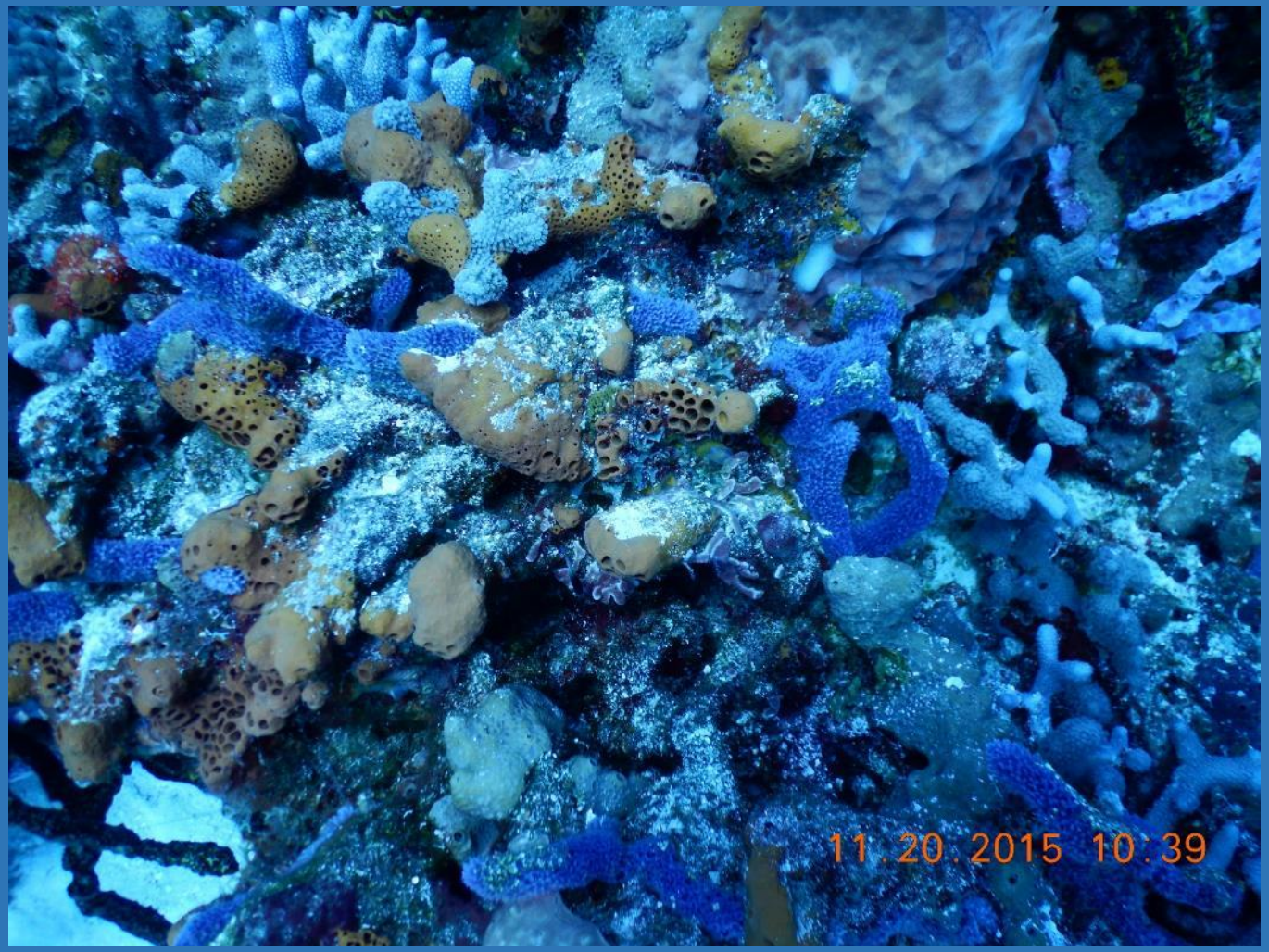

11.20.2015 10:

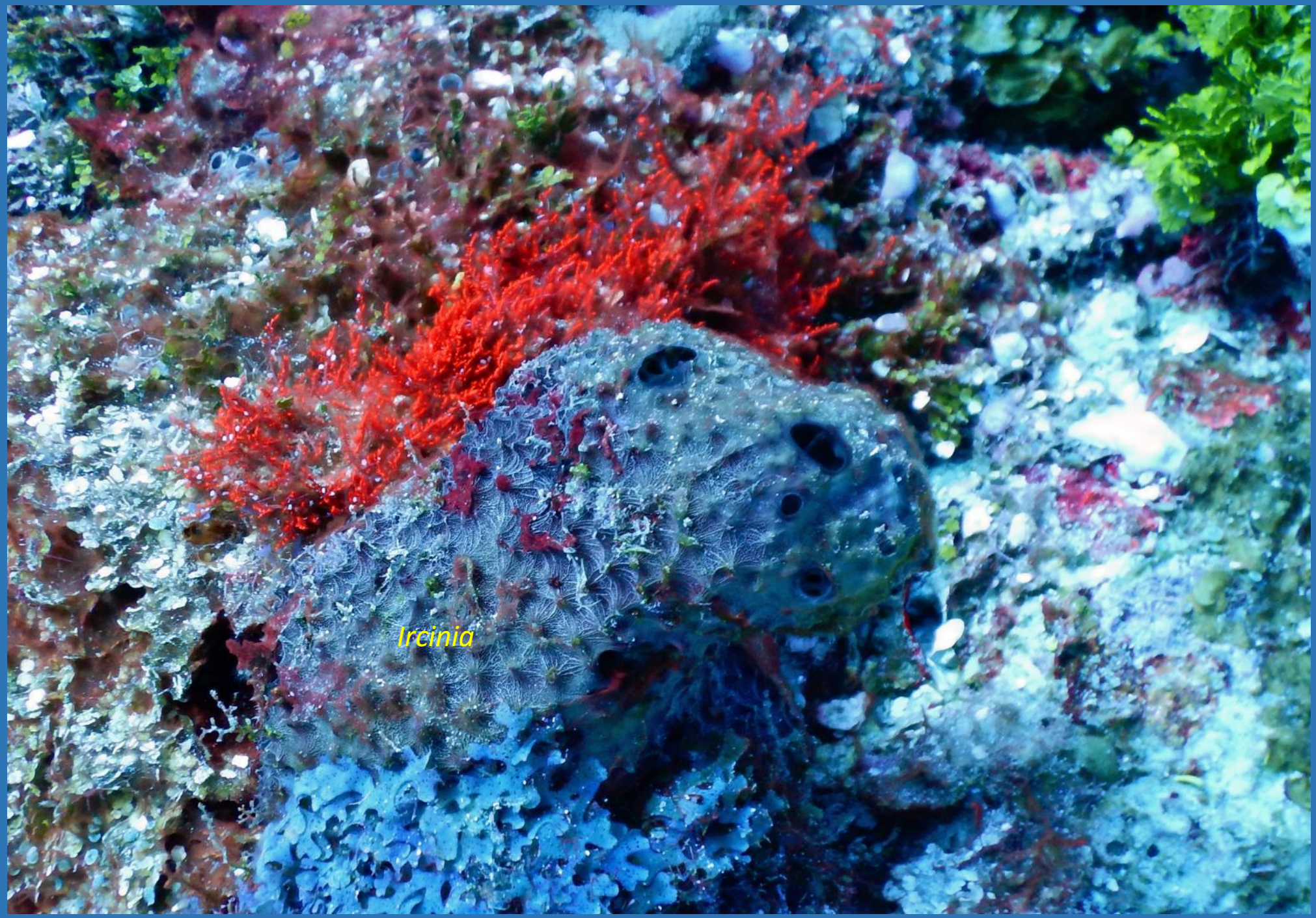
Scrawled filefish *Aluterus scriptus*

Blue chromis (*Chromis cyaneus*) swarm an *Agaricia* colony



Fantastic beauty

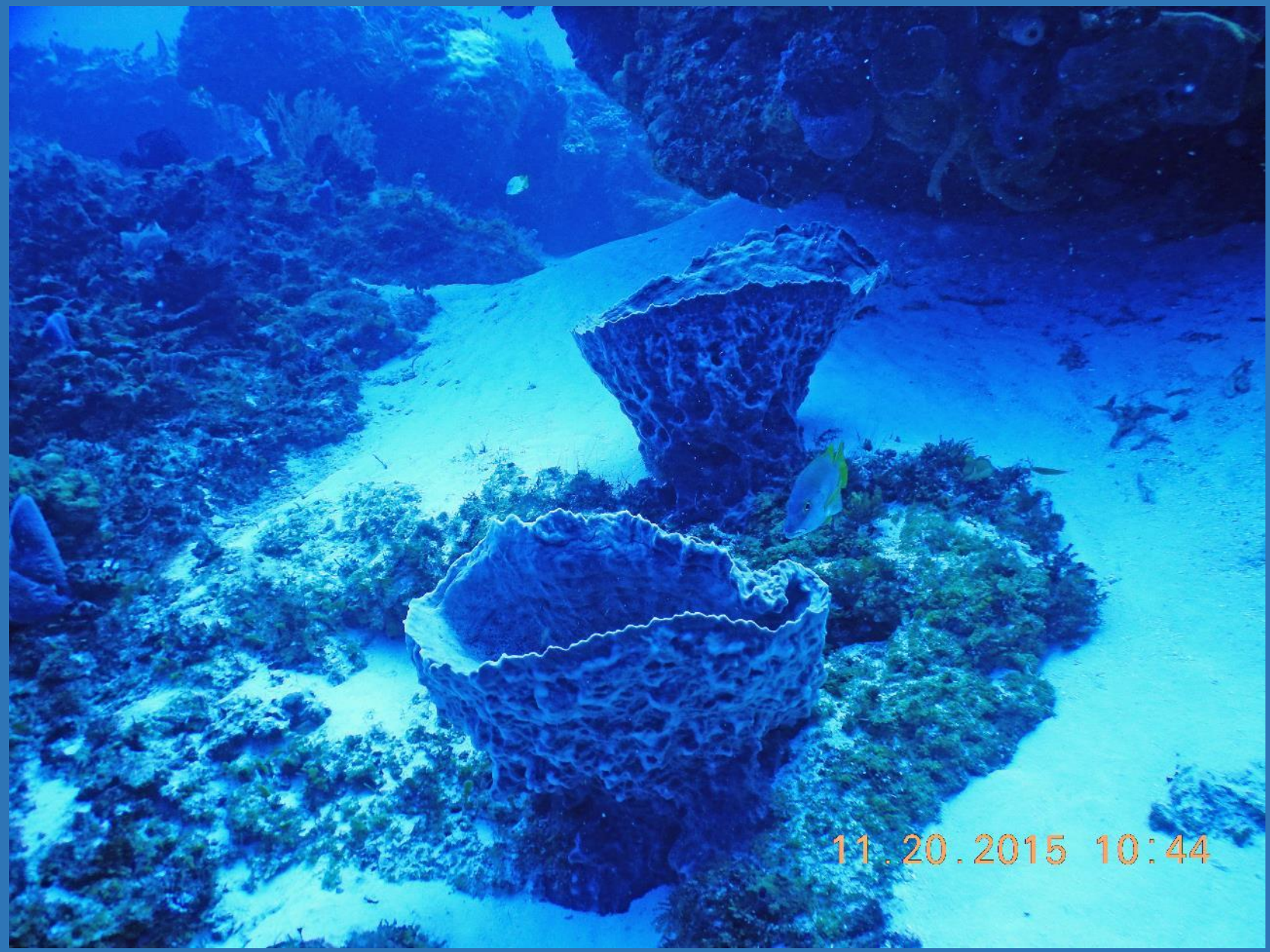



Ircinia

Spotfin Butterflyfish from behind
(*Chaetodon ocellatus*)

Foureye Butterflyfish
(Chaetodon capistratus)

Xestospongia



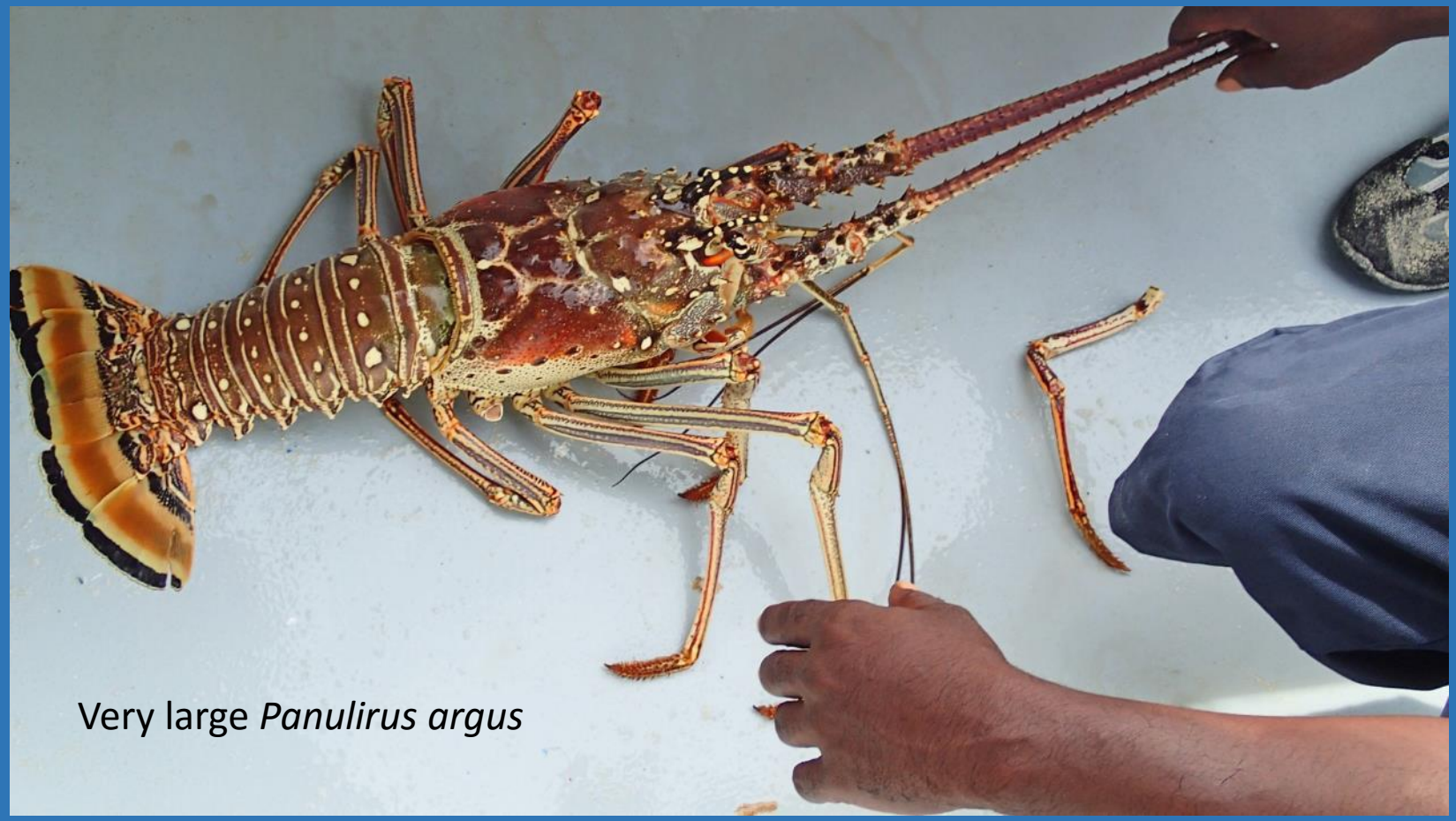
Juvenile ‘Rock Beauty’ *Holacanthus tricolor*

Scrawled Filefish
(*Aluterus scriptus*)

'See ya'

70 years old, 55 years diving

Ocean Triggerfish
(*Canthidermis sufflamen*)



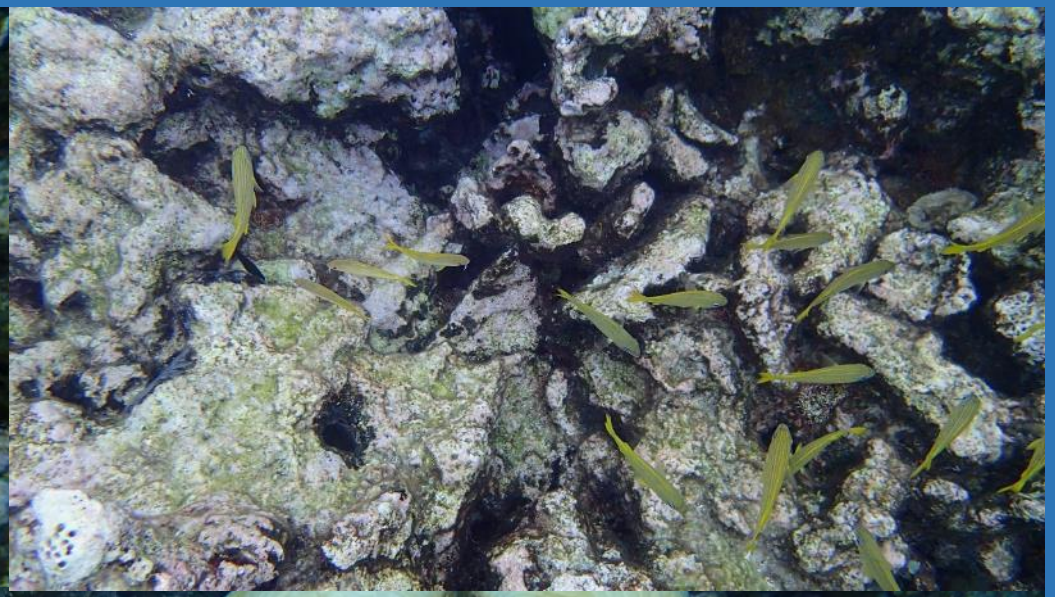
Very large *Panulirus argus*

Gorgonia ventalina

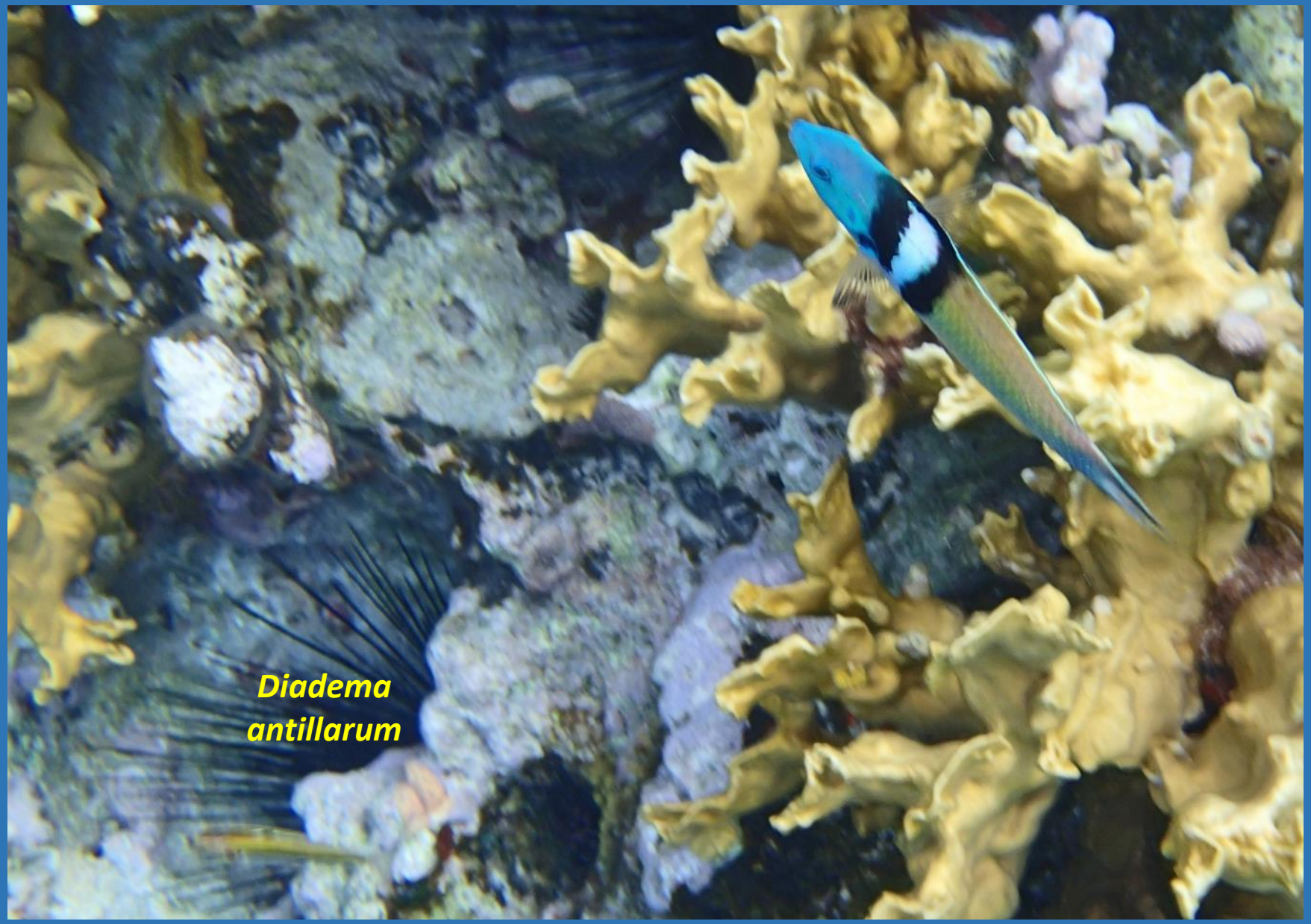
Eleuthra, Bahamas

Flamingo tongue snail
Cyphoma gibbosum
eating an octacoral
Eunicia (note Blue Tang)

Global Climate Change: Sea Level Rise & Sea Temperature Rise = Coral Bleaching and death of healthy reef



Grand Turk &
Gibbs Cay



Blue-headed
Wrasse
Thalassoma
bifasciatum

Isopod (*Anilocra laticaudata)* ‘parasite’ (commensal- feeds off food scraps, not fish; if new small male arrives the older turns into a larger female) below Coney’s eye

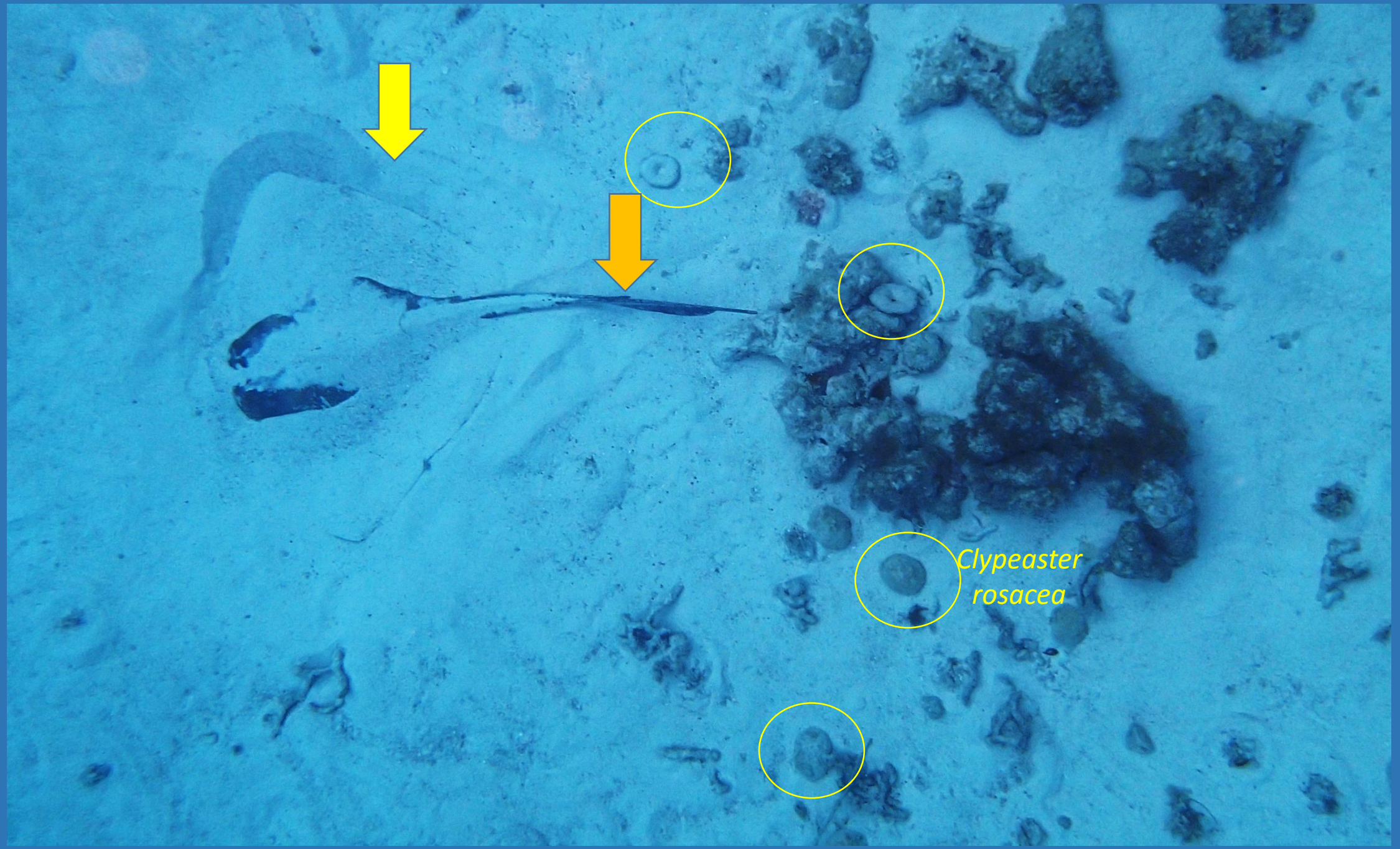
OASIS DIVERS
GRAND TURK
The Wall Dive Sites
Jasmin Rose
Aquarium
Rolling Hill
Gorgonian Wall
McDonalds
Ampitheater
The Annex
Alien Nation
Finbar's Reef
Black Forest
The Anchor
Austin's Reef
The Library
Cables
Coral Garden
Canyons
Tunnels
English Point
The Chair
Chief Ministers
Tiki Hut
Wind Mills
The Amazing Abyss
snorkel
The Lighthouse
The Ridge
North Creek
Island House
Pillory Beach
Museum
Library
COCKBURN TOWN
The Waters Edge
OASIS DIVERS
Salt Raker Inn
Manta House
Osprey Beach Hotel
South Creek
Waterloo
Governors Beach
South Dock
Gibbs Cay
White Sands Beach

Large female

Dasyatis americana

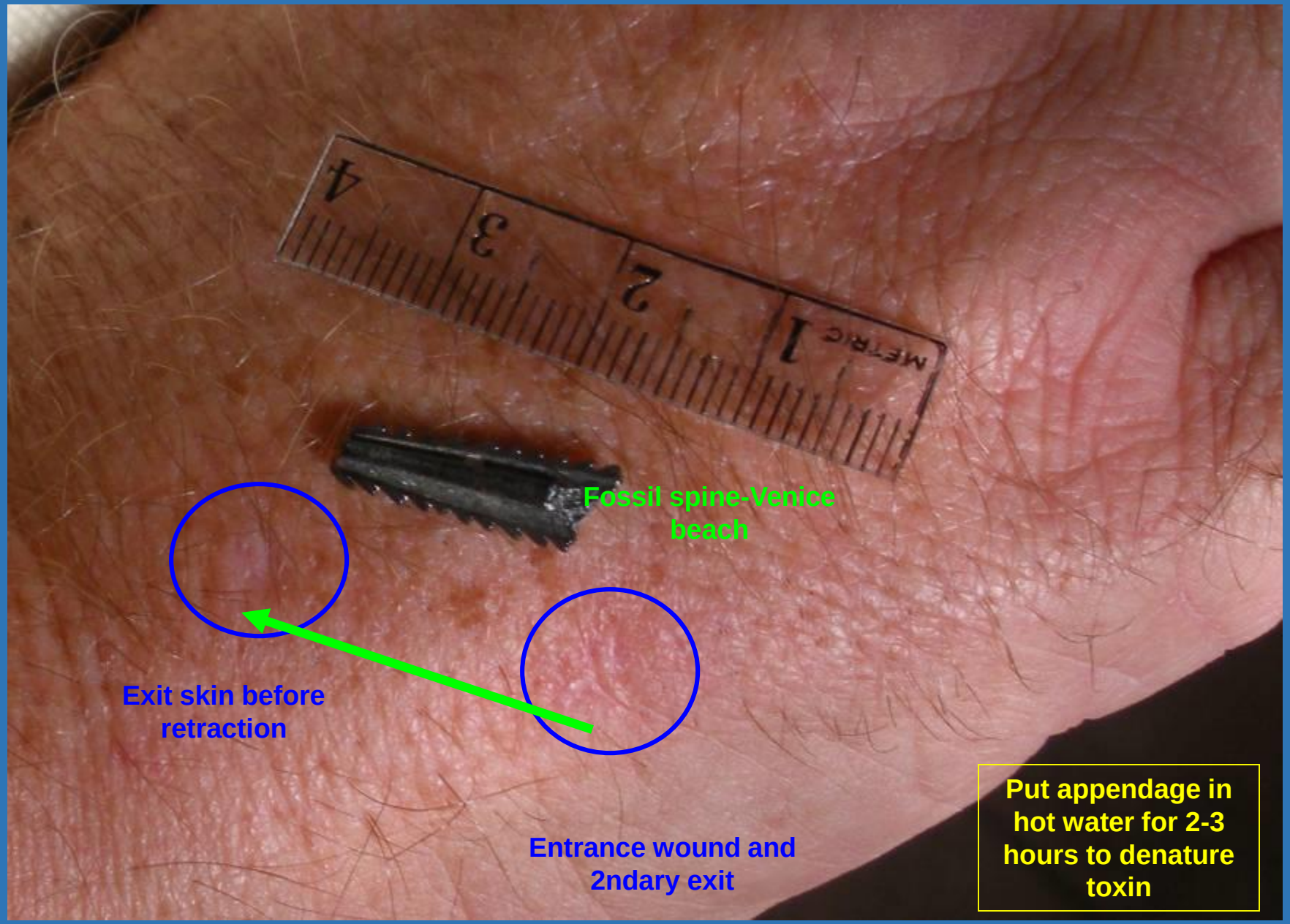
Southern stingray

Use the stingray shuffle

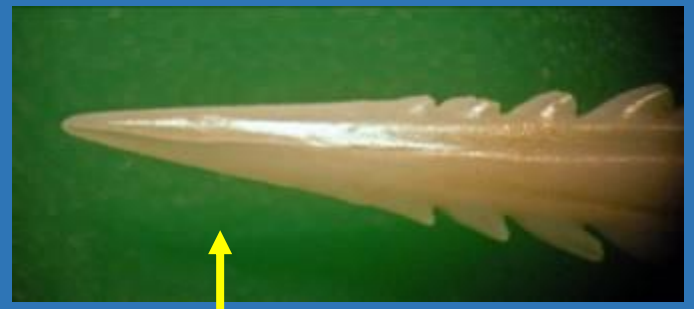

Clypeaster
rosacea

recent

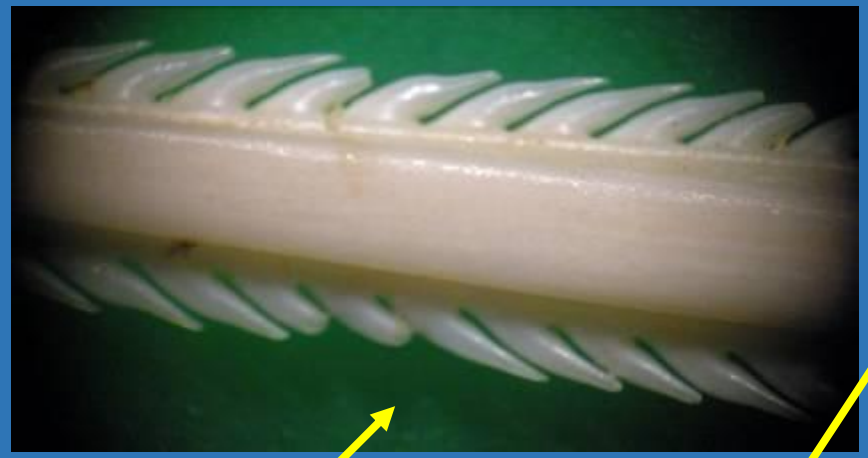
fossil

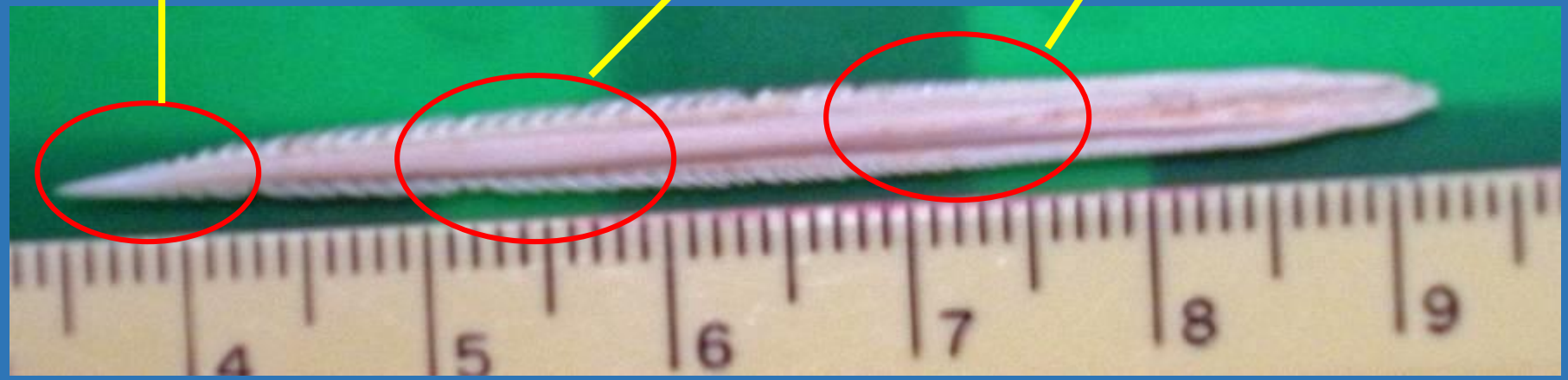


Dasyatis wound (rt. manus) to author while holding up stingray to de-hook, 2003



Stingray: recent; tail spine and sharp recurved barbs



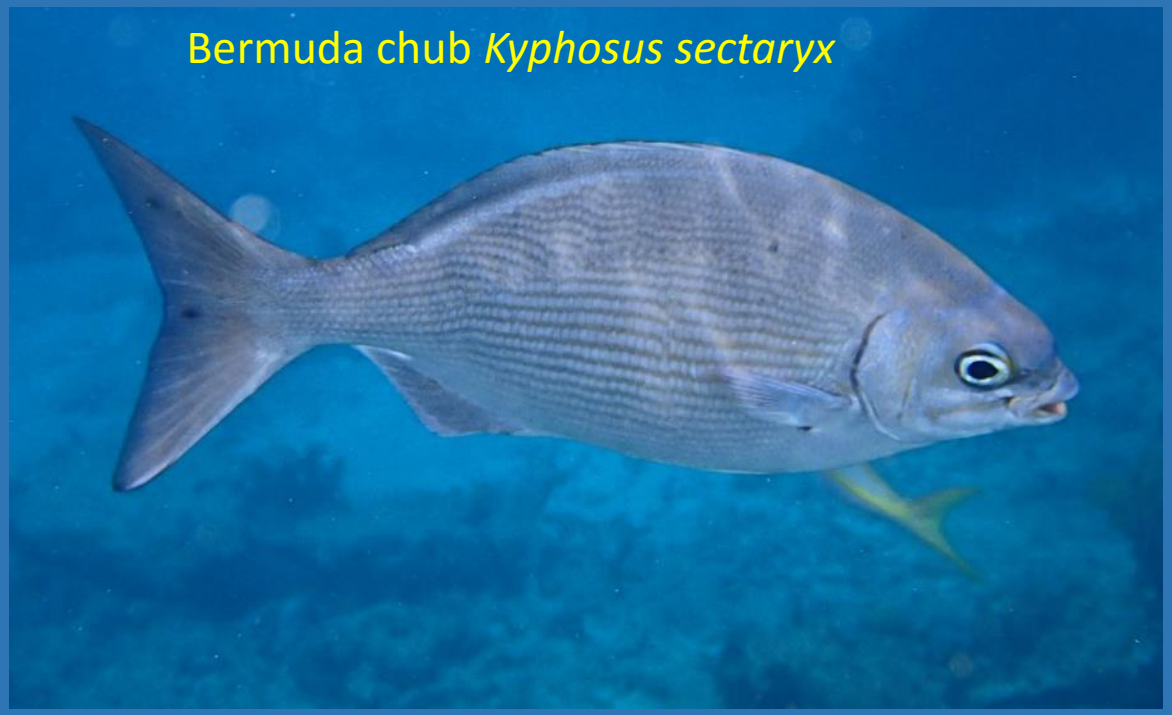


Yellowtail damselfish
Microspathodon chrysurus

Adult stoplight parrotfish *Sparisoma viride*

Yellowtail Snapper *Ocyurus chrysurus*

Bermuda chub *Kyphosus sectaryx*

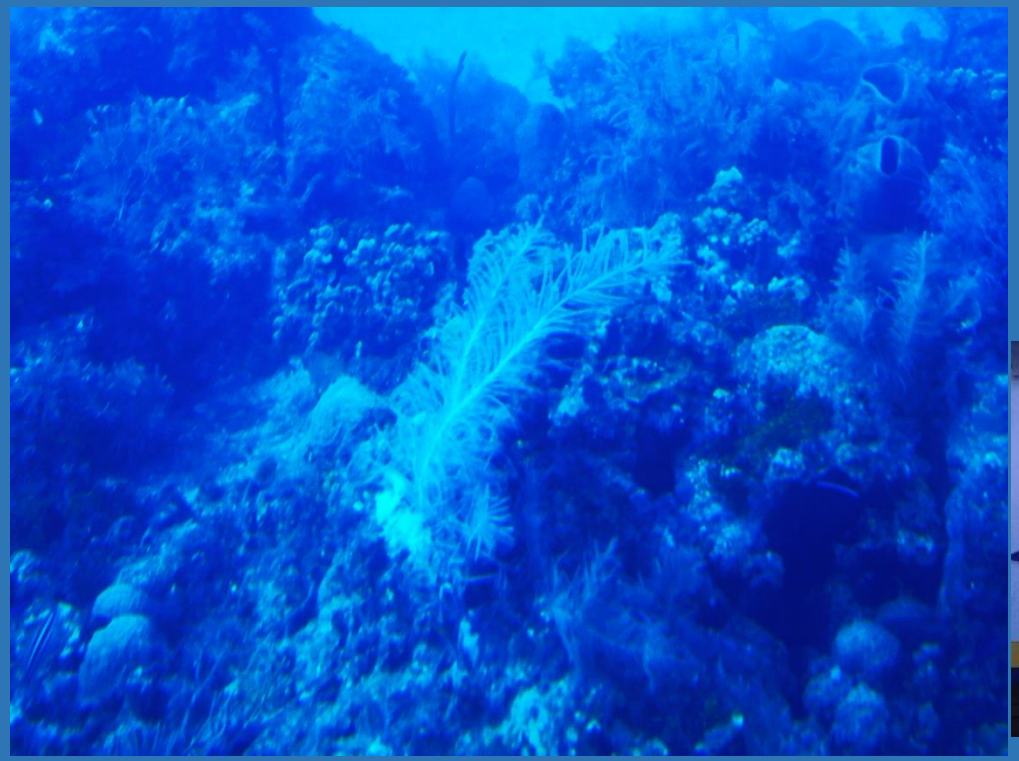


Spanish Hogfish *Bodianus rufus*

Princess Parrotfish *Scarus taeniopterus*

juvenile Blue Parrotfish *Scarus coerulius*

Mustard hill coral

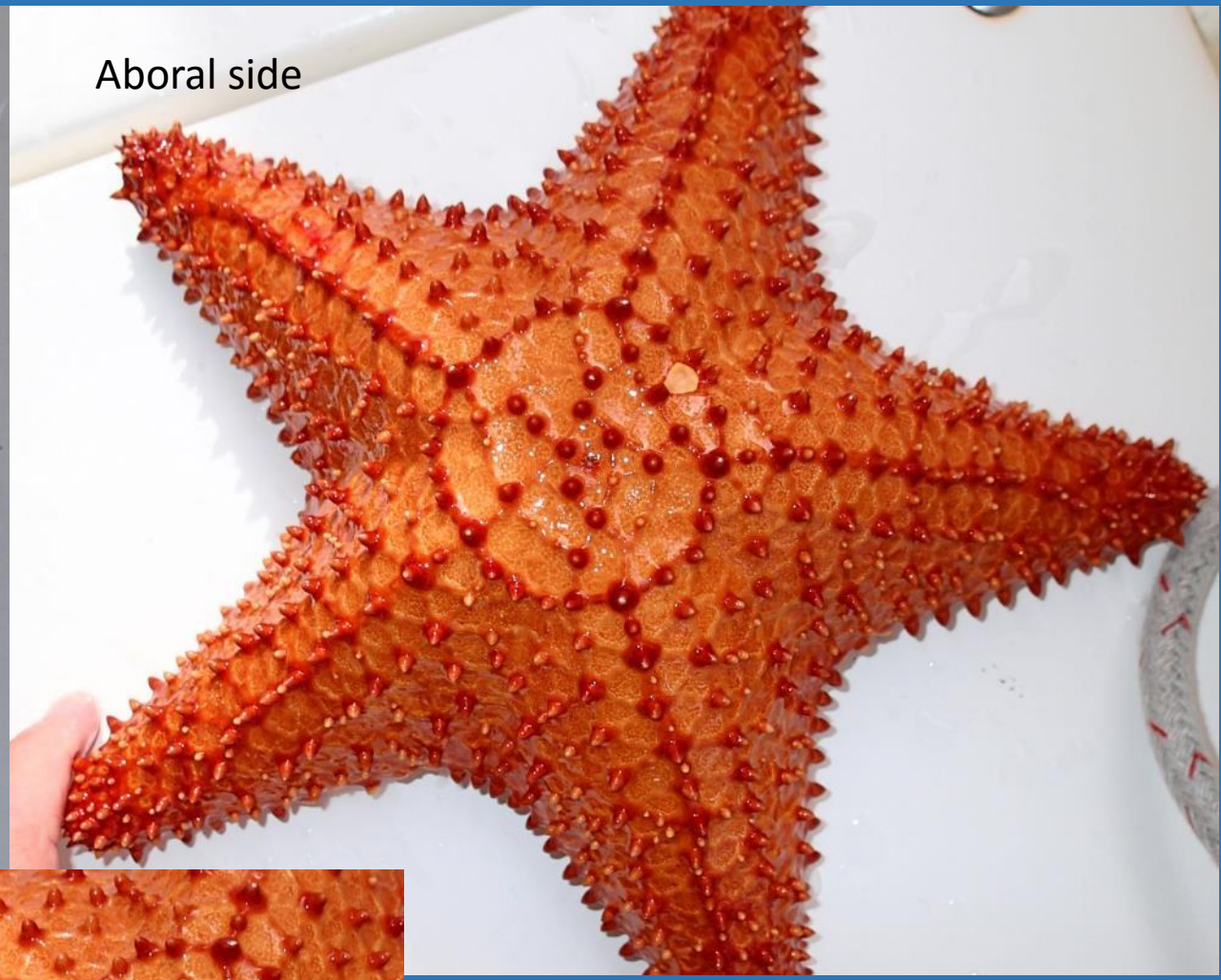


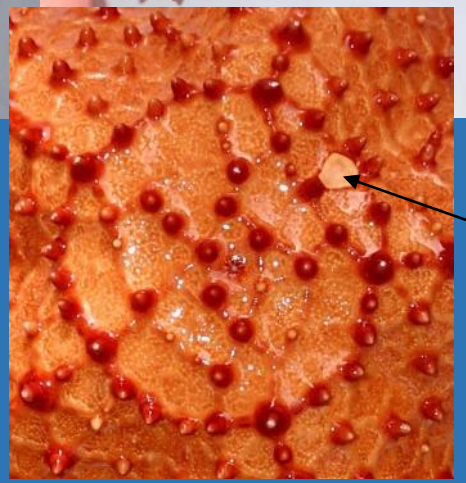
Grand Cayman

Gibbs Cay

Oral side

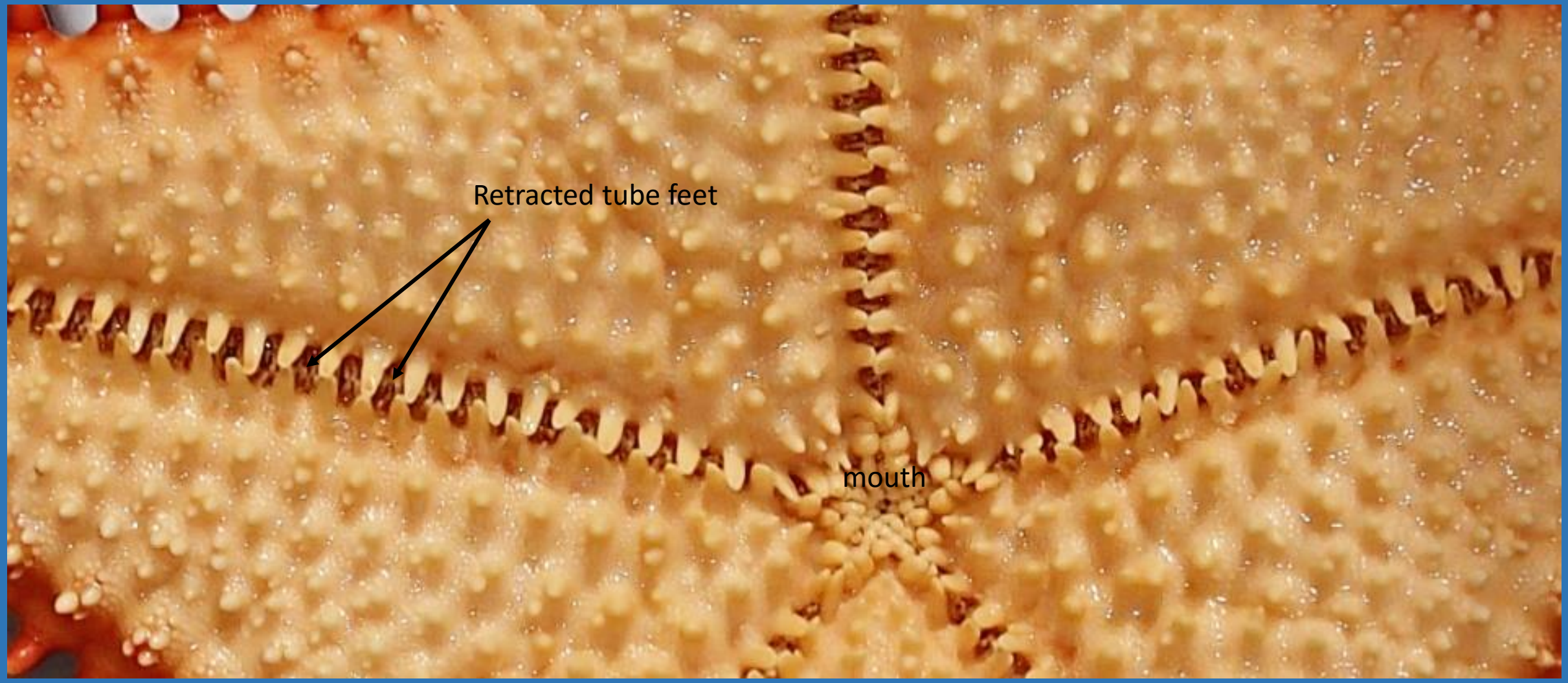
Aboral side





Sieve plate

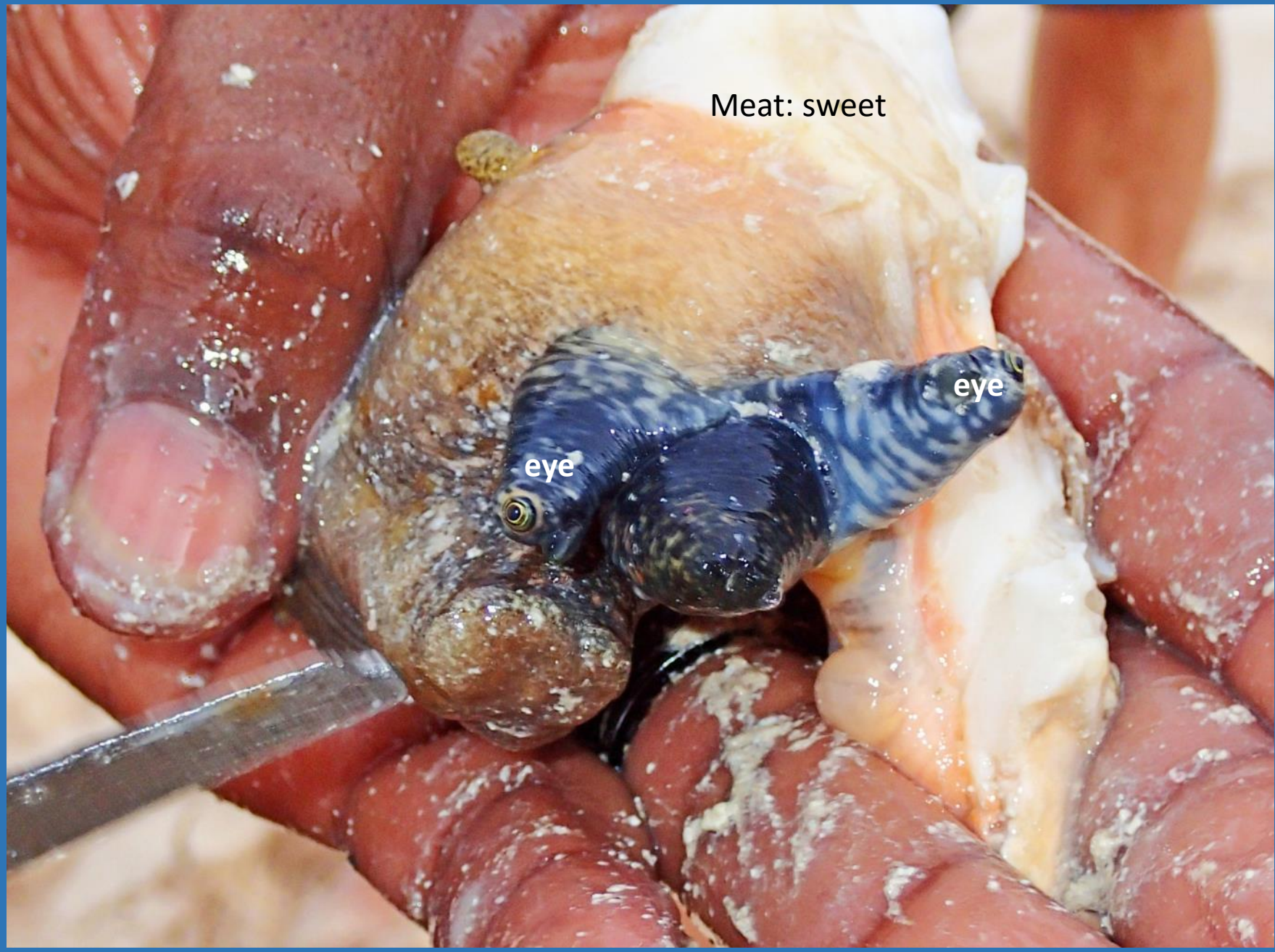
Cushion Star *Oreaster reticulatus*


Retracted tube feet
mouth

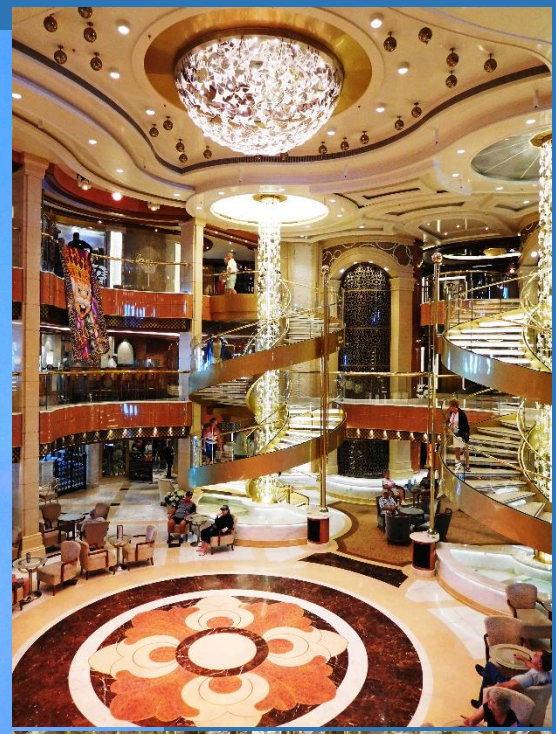
Strombus gigas Queen Conch

operculum
eye

Dissected
out of shell


Meat: sweet
eye
eye

Regal Princess
Nov. 15-22, 2015



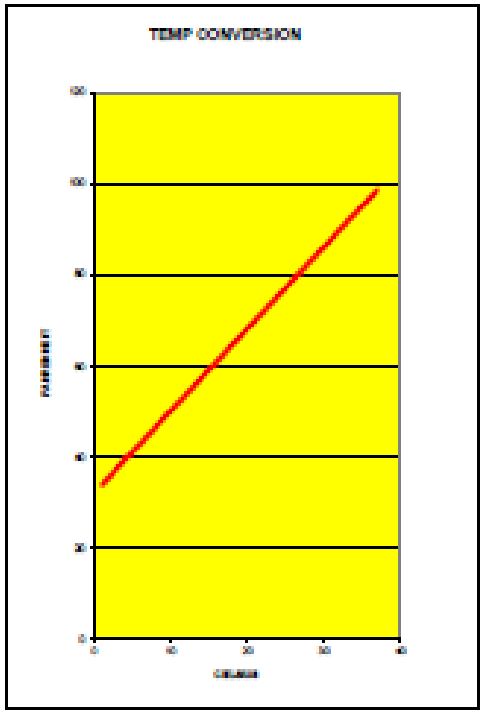
●=Caribbean SCUBA Diving spots for John Baker 1961-2015
Gulf of Mexico
North Atlantic Ocean
Caribbean Sea
North Pacific Ocean
Florida
Miami
Key West
Grand Bahama
Great Abaco
Bimini Islands
New Providence
Eleuthera
The Bahamas
Cat Island
San Salvador
Andros Island
Great Exuma
Rum Island
Long Island
Samana Cay
Crooked Is.
Mayaguana
Acklins Is.
Turks & Caicos
Great Inagua
Ragged Island Range
Cay Lobos
Cayo Romano
Cay Sal Bank
Arch. de Sabana-Camaguey
Guinchos Cay
Matanzas
Santa Clara
Cienfuegos
Canerros Arch.
Cayo Largo
Isla de la Juventud
Cuba
Camagüey
Holguín
Santiago de Cuba
Guantánamo
Jardines de la Reina
Ile de la Tortue
Haiti / Dominican Republic
Haitien
Santiago
Ile de la Gonave
Les Caves
Isla Saona
Mona
Puerto Rico
San Juan
US / British Virgin Islands
Culebra
Tortola
Anegada
Virgin Gorda
St John
St Thomas
Vieques
Anguilla
Saint-Martin / Sint Maarten
St Barts
Saba
St Eustatius
Barbuda
St Croix
St Kitts
Nevis
Antigua
Montserrat
Guadeloupe
La Desirade
Marie Galante
Les Saintes
Isla Aves
Dominica
Martinique
St Lucia
Barbados
St Vincent
Bequia
Mustique
Canouan
Union Island
The Grenadines
Grenada
Blanquilla
Los Roques
Aruba
Curacao
Bonaire
Isla la Tortuga
Isla de Margarita
Tobago
Trinidad
Venezuela
Colombia
Maracaibo
Barquisimeto
Valencia
Maracay
Cumana
Barcelona
Maturin
Guyana
Mexico
Cancún
Cozumel
Ambergris Cay
Turneffe Islands
Lighthouse Reef
Glover Reef
Belize
Roatán
Guanaja
Utila
Islas de la Bahia
Swan Islands
Cayman Islands
Little Cayman
Cayman Brac
Grand Cayman
Jamaica
Kingston
Navassa Island
Honduras
San Pedro Sula
La Ceiba
Puerto Lempira
Tegucigalpa
Cayos Miskitos
Nicaragua
San Miguel
Choluteca
Matagalpa
León
Managua
Bluefields
Mosquito Coast
Isla de la Providencia
Isla de San Andres
Islas del Maiz
Costa Rica
Puntarenas
San José
Panama
Panama
Monteria
Golfito

C	F
37	98.6
36	96.8
35	95
34	93.2
33	91.4
32	89.6
31	87.8
30	86
29	84.2
28	82.4
27	80.6
26	78.8
25	77
24	75.2
23	73.4
22	71.6
21	69.8
20	68
19	66.2
18	64.6
17	62.6
16	60.8
15	59
14	57.2
13	55.4
12	53.6
11	51.8
10	50
9	48.2
8	46.4
7	44.6
6	42.8
5	41
4	39.2
3	37.4
2	35.6
1	33.8

Formulas

F=(Cx1.8)+32

C=(F-32)x0.555



C	F
1083	1981.4

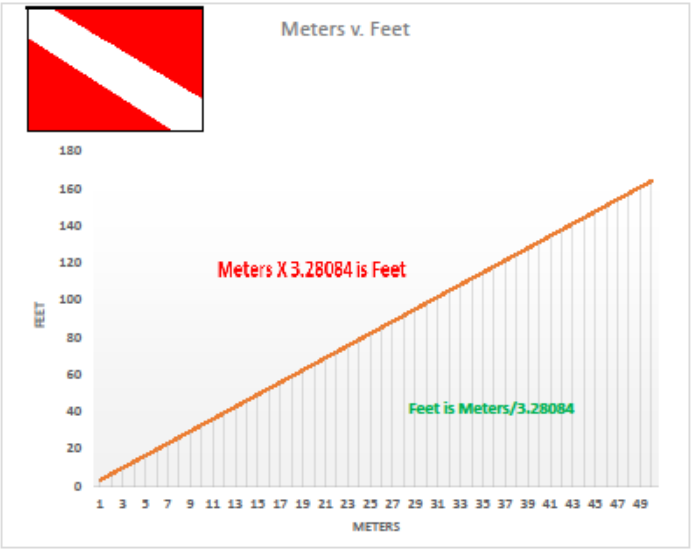
Input Celsius and hit Enter

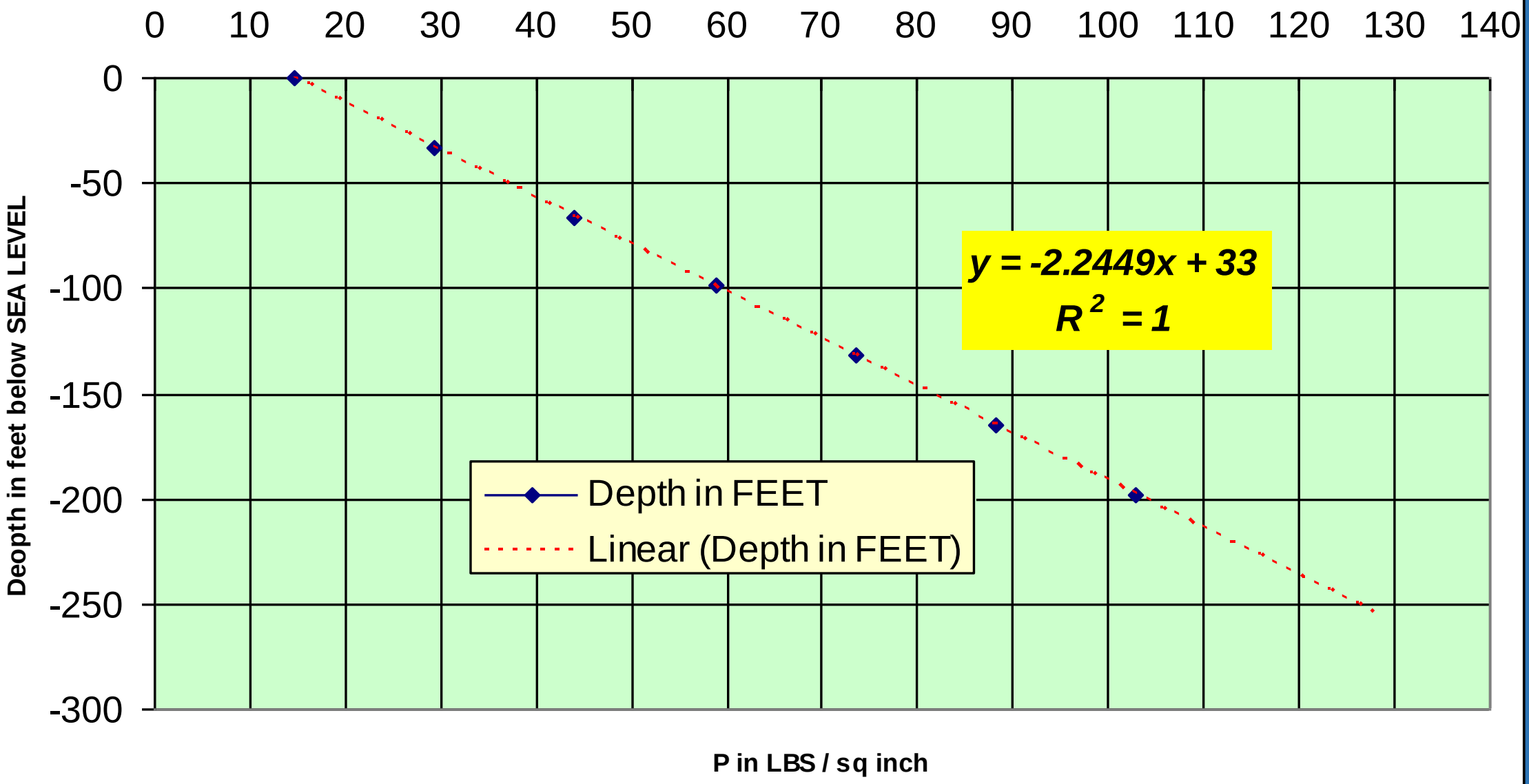
F0	C0
98.6	37.0

Input Fahrenheit and hit Enter

C	F	C	F	back toC
0	32	42	107.6	42.0
0	32	41	105.8	41.0
0	32	40	104	40.0
0	32	39	102.2	39.0
0	32	38	100.4	38.0
0	32	37	98.6	37.0
0	32	36	96.8	36.0
0	32	35	95	35.0
0	32	34	93.2	34.0
0	32	33	91.4	33.0
0	32	32	89.6	32.0
0	32	31	87.8	31.0
0	32	30	86	30.0
0	32	29	84.2	29.0
0	32	28	82.4	28.0
0	32	27	80.6	27.0
0	32	26	78.8	26.0
0	32	25	77	25.0
0	32	24	75.2	24.0
0	32	23	73.4	23.0
0	32	22	71.6	22.0
0	32	21	69.8	21.0
0	32	20	68	20.0
0	32	19	66.2	19.0
0	32	18	64.4	18.0
0	32	17	62.6	17.0
0	32	16	60.8	16.0
0	32	15	59	15.0
0	32	14	57.2	14.0
0	32	13	55.4	13.0
0	32	12	53.6	12.0
0	32	11	51.8	11.0
0	32	10	50	10.0
0	32	9	48.2	9.0
0	32	8	46.4	8.0
0	32	7	44.6	7.0
0	32	6	42.8	6.0
0	32	5	41	5.0
0	32	4	39.2	4.0
0	32	3	37.4	3.0
0	32	2	35.6	2.0
0	32	1	33.8	1.0
0	32	0	32	0.0
0	32	-1	30.2	-1.0
0	32	-2	28.4	-2.0
0	32	-3	26.6	-3.0
0	32	-4	24.8	-4.0

METERS	FEET
1	3.2808
2	6.5616
3	9.8424
4	13.1232
5	16.404
6	19.6848
7	22.9656
8	26.2464
9	29.5272
10	32.808
11	36.0888
12	39.3696
13	42.6504
14	45.9312
15	49.212
16	52.4928
17	55.7736
18	59.0544
19	62.3352
20	65.616
21	68.8968
22	72.1776
23	75.4584
24	78.7392
25	82.02
26	85.3008
27	88.5816
28	91.8624
29	95.1432
30	98.424
31	101.7048
32	104.9856
33	108.2664
34	111.5472
35	114.828
36	118.1088
37	121.3896
38	124.6704
39	127.9512
40	131.232
41	134.5128
42	137.7936
43	141.0744
44	144.3552
45	147.636
46	150.9168
47	154.1976
48	157.4784
49	160.7592
50	164.04



Every 33 ft. down = 1 ATM or 14.7 lbs. per inch squared – don't forget to add 14.7 lbs. from air (1st ATM)

Pressure with Depth