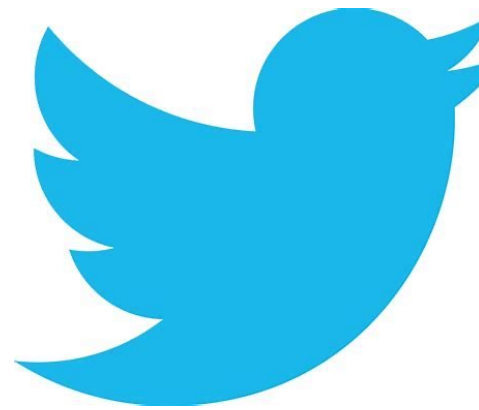


CFMC SOCIAL MEDIA

CRISTINA D. OLÁN MARTÍNEZ



CFMC SOCIAL MEDIA PAGES

Facebook

- Page created on Sept. 2016
- Over 4,300 followers
- Over 4,000 likes
- Ages: 35-44

Instagram

- Page created on Sept. 2019
- 977 followers
- Ages: 25-34

Twitter

- Page created on Jan. 2021
- 49 followers

YouTube

- 188 subscribers

CONTENT

Seasonal Closures

Meetings and
Activities

Pictures

Educational
Materials

New Publications

Content produced by
agencies: NOAA,
NWS, GCFI, NWS, SG,
DPNR, DNER, USCG

MEET ME MONDAY

WORD WEDNESDAY

CFMC Monthly
Bulletin

FB Lives

Videos

COLLABORATIONS



- FB Live about seasonal closures – Organized by AmandOcéano and CFMC; also sponsored by: PR Sea Grant and CESAM; speakers: Andrés Maldonado (Commercial Fisher and OEAP Member) and Dr. Graciela García-Moliner
- MEET ME MONDAY and WORD WEDNESDAYS – Posts prepared in collaboration with GCFI (Fadilah Ali) and PR Sea Grant
- MARTES DE MANATÍ – Dr. Grisel Rodríguez Ferrer
- AmandOcéano, Mi Playa Limpia, Little Women, Big Sharks
- JJ Fishing Adventures
- Fishing organizations (commercial and recreational)



Foto: Cristina Olán



¡Cuidemos los manatíes!

Navega lentamente en zonas de estuario, hierbas marinas y manglares.



¡Tú puedes hacer la diferencia!



MEET ME MONDAY



Mycteroperca bonaci Mero negro / Mero prieto

Hábitat: Aguas costeras cerca de alguna estructura

Estatus de conservación: Casi amenazado

Dieta: Peces y crustáceos

Reproducción: Agregaciones de desove

CHARLA

¿QUÉ SON LAS VEDAS?

CON GRACIELA GARCÍA-MOLINER
Y ANDRÉS "ANDY" MALDONADO

JUEVES, 21 DE ENERO DE
2021 A LAS 5:00 PM

MUTTON, LANE AND MAHOGANY Find the differences!

MUTTON SNAPPER

(*Lutjanus analis*)

Reddish pointed
anal fin

LANE SNAPPER

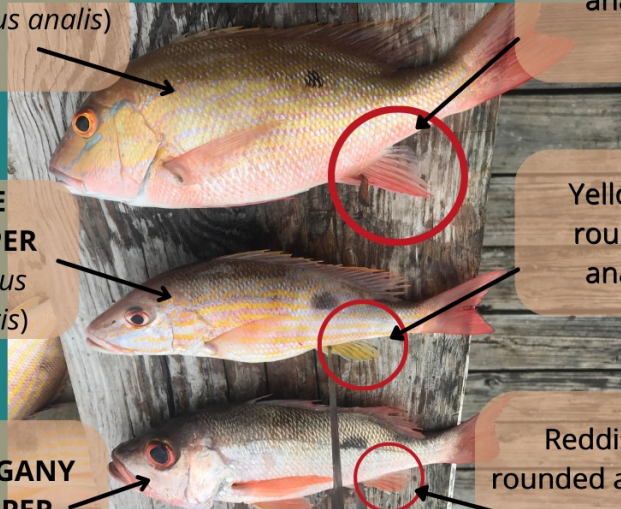
(*Lutjanus
synagris*)

Yellowish
rounded
anal fin

MAHOGANY SNAPPER

(*L. mahogoni*)

Reddish
rounded anal fin



SAMA, ARRAYAO y MAHOGANY ¡Encuentra las diferencias!

SAMA

(*Lutjanus analis*)

Su aleta anal es
puntiaguda y
rojiza.

ARRAYAO

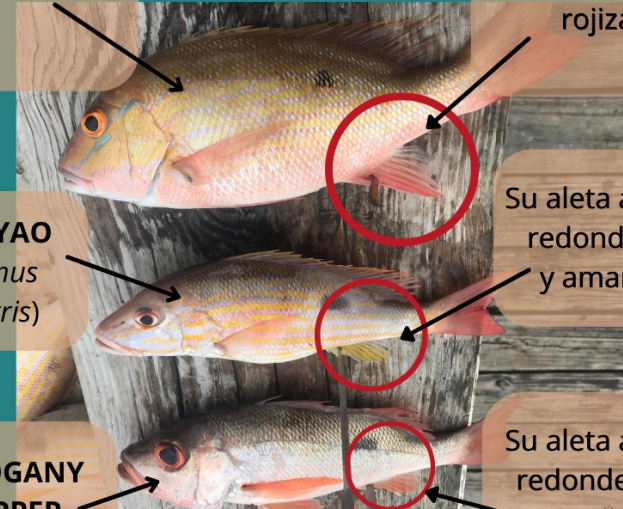
(*Lutjanus
synagris*)

Su aleta anal es
redondeada
y amarilla.

MAHOGANY SNAPPER

(*L. mahogoni*)

Su aleta anal es
redondeada y
rojiza.



¿Solicitó y aún no ha podido
participar de MREP PR?
ESTAMOS PENSANDO EN USTEDES.



¡No nos hemos olvidado!



POSPUSIMOS LOS TALLERES
POR EL COVID-19 PERO TAN
PRONTO SEA SEGURO,
VOLVEREMOS A REALIZAR
LOS TALLERES PRESENCIALES.
USTEDES TIENEN PRIORIDAD
EN NUESTRA LISTA. LES
ENVIAREMOS LOS ANUNCIOS .

¡NOS VEREMOS PRONTO!
INFO: <https://mrep.gmri.org>

Información de contacto de pescaderías y villas pesqueras en Puerto Rico

Pescadería Belmaris Delmar	Espinar, Aguada	787-235-0915	venta en el local	efectivo y ATH Móvil	martes a domingo 7:00 a.m. - 8:00 p.m.
Rompeolas	Aguadilla	787-910-6120	venta en el local	efectivo y ATH Móvil	todos los días 8:00 a.m. - 7:00 p.m.
Sargazo The Fish House	Barrio Playa, Anasco	787-508-3779	venta en el local, carry out	efectivo	martes a domingo 10:00 a.m. - 10:00 p.m.
Villa Pesquera de Puerto Real	Puerto Real, Cabo Rojo	787-949-6221	venta en el local, carry out	efectivo, cheques y tarjetas	lunes y martes 11:30 a.m. - 4:00 p.m. miércoles a sábado 8:00 a.m. - 4:00 p.m.
Pescadería Caro Valle	Puerto Real, Cabo Rojo	787-851-3956	venta en el local	efectivo, ATH Móvil y tarjetas	lunes a jueves 10:00 a.m. - 6:00 p.m.

Información de contacto de pescaderías y villas pesqueras en Puerto Rico

Restaurante y Pescadería El Bohío	Las Croabas, Fajardo	787-863-0865	venta en el local y carry out	efectivo, ATH Móvil y tarjetas de créditos	miércoles, jueves y domingo 9:00 a.m. - 7:00 p.m. viernes y sábado 9:00 a.m. - 9:00 p.m.
Villa Pesquera Punta Pozuelo	Punta Pozuelo, Guayama	787-248-9004	venta en el local y carry out	efectivo y ATH Móvil	jueves a domingo 8:00 a.m. - 6:00 p.m.
Pescadería Santo Cristo de la Salud	El Boquete, Peñuelas	787-836-7628	entrega	efectivo, ATH Móvil y Tarjeta de la Familia	lunes a sábado 9:30 a.m. - 3:30 p.m.
Villa Pesquera Playa de Ponce	Playa de Ponce	787-840-5006	venta en el local	efectivo, ATH, VISA débito y Tarjeta de la Familia	todos los días 8:00 a.m. - 4:00 p.m.
Pescadería Paola	El Maní, Mayagüez	787-210-1583	venta en el local	efectivo, ATH, ATH Móvil y cheques	lunes a sábado 8:00 a.m. - 5:00 p.m. domingo 8:00 a.m. - 3:00 p.m.

Información de contacto de pescaderías y villas pesqueras en Puerto Rico

Villa Pesquera El Maní	El Maní, Mayagüez	939-243-6020	venta en el local	efectivo y ATH Móvil	todos los días 8:00 a.m. - 5:00 p.m.
Pescadería Chuíto	Playa Húcares, Naguabo	787-874-4486, 787-874-8600	venta en el local, delivery por acuerdo	efectivo, ATH Móvil, tarjetas de crédito y Tarjeta de la Familia	lunes a viernes 8:00 a.m. - 6:00 p.m. sábado y domingo 8:00 a.m. - 7:00 p.m.
Pescadería El Coral	Playa Húcares, Naguabo	787-874-7389	venta en el local	efectivo, ATH Móvil, tarjetas de crédito y Tarjeta de la Familia	lunes a viernes 8:00 a.m. - 6:00 p.m. sábado y domingo 8:00 a.m. - 7:00 p.m.
Pescadería Kadmiel	Playa Húcares, Naguabo	787-366-0027, 787-531-1295	venta en el local, carry out	efectivo y ATH Móvil	todos los días 8:00 a.m. - 5:00 p.m.
Pescadería Mr. Fresco	Punta Santiago, Humacao	939-215-1095, 939-891-1035	venta en el local	efectivo, ATH y ATH Móvil	todos los días 8:00 a.m. - 3:00 p.m.

Información de contacto de pescaderías y villas pesqueras en Puerto Rico

Pescadería Bahía Puerto Real	Puerto Real, Cabo Rojo	939-290-4551 787-231-6977 787-458-1316	venta en el local	efectivo, cheques y ATH Móvil	lunes a sábado 8:00 a.m. - 5:00 p.m.
Pescadería Rosas	Puerto Real, Cabo Rojo	787-692-1945	venta en el local	efectivo y ATH Móvil	lunes a sábado 10:00 a.m. - 4:00 p.m.
Pescadería Toro	Puerto Real, Cabo Rojo	787-951-8094	entrega	efectivo y ATH Móvil	lunes a sábado 9:00 a.m. - 2:00 p.m.
Pescadería Cataño	Cataño	787-390-3112, 787-444-0959	venta en el local	efectivo, ATH y ATH Móvil	lunes a sábado 7:00 a.m. - 3:00 p.m.
Asociación de Pescadores Comerciales, Playa Sardinera, Dorado	Playa Sardinera, Dorado	---	venta en el local	efectivo y ATH Móvil	todos los días 8:00 a.m. - 5:00 p.m.



CFMC UPDATES

FEBRUARY 2021

In the Caribbean Fishery Management Council (CFMC)'s bulletin you will find announcements, facts about marine species, and valuable information on fishing and regulations that rule this activity in Puerto Rico and the US Virgin Islands.

SPAWNING AGGREGATIONS = FISH FOR TOMORROW

During specific times of the year, depending on the moon phases, and in particular places, different species of fish aggregate (get together) to spawn. Tens to even hundreds of fish join in a big reproduction festival. Fishes such as the red hind (*Epinephelus guttatus*), the black grouper (*Mycteroperca bonaci*), the tiger grouper (*Mycteroperca tigris*), and the Nassau grouper (*Epinephelus striatus*), or snappers such as the mutton snapper (*Lutjanus analis*) form spawning aggregations in our Caribbean waters. This method of reproduction, even though constitutes a beautiful event of nature, makes fish vulnerable to overfishing. This is why there are fishing prohibitions that have been established with the purpose of protecting these species during the spawning aggregations. If we allow species to quietly aggregate and reproduce, we will have fish for tomorrow. Visit <https://www.youtube.com/watch?v=JFyaKs-QIA> and watch the video on spawning aggregations.

LEARN ABOUT THE PLUMA PORGY (*Calamus pennatula*)



Photo: whatsthefish.com

The Pluma porgy's overall color is silvery with purple, or lavender iridescence. Individual scales have brown-yellow edges with iridescent, blue-green spots. This species inhabit rocky areas, reefs, and also flat bottoms. It is edible! You can include it within the diversity of species that we are able to consume and ask for it in your favorite fish market.



CFMC UPDATES

At that time, according to what Tom explains, homes were built near the shorelines and hillsides before there were any rules in place. This increased the runoff. Development during the 50's and 60's cleared land with heavy equipment without installing mitigation methods like brush berm or silt curtains impacting water quality. Also the refinery was built in 1960 destroying one of the largest mangrove lagoon in the Caribbean. Tom believes that all environmental changes impacted the fisheries, environmental changes impacted the fisheries, particularly the resources near the shoreline. He also has a great concern regarding invasive species.



Tom is a fisher that has collaborated with science and management through his knowledge. He is a member of the CFMC's St. Croix District Advisory Panel and the vice president of the St. Croix Fishing Advisory Panel. He has also contributed with his time and experience to several research projects. Tom believes regulations are important for the protection and improvement of the fishery resources of the USVI and the U.S. Caribbean.



CFMC UPDATES

He emphasizes that management is necessary for sustainability. This is why Tom is a big proponent for the monitoring of closed areas. Tom says that when an area is closed seasonally or year round for decades, they should be followed up to see if the closure actually is working and the outcomes should be reported to the fishers.



Mr. Daley plans to retire in a couple years. He has always emphasized that fishing is a privilege and not a right. This privilege translates into responsibility, service and the importance that fishers have for the local economy and the resource they provide to feed their communities.

The CFMC thanks Mr. Carlos Farchette for the interview conducted of Mr. Tom Daley and the information provided for this story.



CFMC UPDATES



FISHER OF THE MONTH: TOM DALEY

Thomas H. Daley, better known as Tom, is one of the most renowned fishers in St. Croix, USVI. His wisdom and life experience in the sea has earned him great respect in his community.



Photos provided by: Carlos Farchette

More than being a resident of St. Croix, Tom is an Antillean citizen. He was born on the island of Montserrat and when he was 10 years old, his family moved to the island of Antigua. At this age, he started fishing using hook and line. In 1945, he moved to St. Croix, and started fishing with his friend Zaccario Roberts. Eleven years later, in 1974, fishing became a commercial activity for him. By that time, he fished at Lang Bank, located at the northeast of St. Croix, and navigated overnight to fish with traps in the waters surrounding the island of Saba. Nowadays, he is 78 years old and he continues fishing.

His preferred fishing methods are hook and line, and traps. Tom makes his own traps. He started using hexagonal wire supported by sticks cut from a local tree called "bunchberry."



CFMC UPDATES

Going in the hills and cutting the "bunchberry" was very economical and fishers believe the sap of the tree attracts fish and lobsters to their traps. Through time, Tom started building his fish traps using coated square wire reinforced with welded rebar. He catches a wide variety of species, including lobster (*Panulirus argus*) and surgeonfish (*Acanthurus bojanianus*), which is his best seller.



Although, Tom has been fishing most of the time, he is very skilled and he has had several jobs. In the late 1960's and early 70's, Tom started in the construction business; he was a carpenter and also worked in masonry. When Gannett, the company he worked with, started a slow down in construction, Tom decided to get into the business of commercial fishing and when he was not fishing, he ran a taxi service. Later, he realized that he could support his family—5 daughters, 2 sons, and his wife—fishing full time, without government help, which is something that makes him feel very proud. Currently, he has half an acre of land and there he has his trap. This is a source of fresh and healthy food for his house. Tom is a vivid example of food sovereignty and the satisfaction that brings being independent. To Mr. Daley, working is an honour and every individual should work hard for what he or she desires. In a past interview done by GeoAmbiente for the CFMC, he asserted: "You paddle your own canoe; you paddle your own canoe."

As many other fishers that have been fishing their whole lives, Tom has witnessed changes in the fishing methods and fishing banks. Tom attributes these changes to land based pollution caused in the 1950's and 60's. Environmental impacts have changed the fishery, particularly the near shore resources.



CFMC UPDATES

CLOSED SEASONS BEGINNING IN FEBRUARY!

The following species have closed seasons from February 1st until April 30th:

US Caribbean Economic Exclusive Zone (EEZ) and USVI Local Waters



Black grouper (*Mycteroperca bonaci*)



Tiger grouper (*Mycteroperca tigris*)



Red grouper (*Epinephelus morio*)



Yellowfin grouper (*Mycteroperca venenosus*)



Yellowedge grouper (*Hyporhamphus flavimaculatus*)

Puerto Rico Local Waters



Yellowfin grouper (*Mycteroperca venenosus*)



LOOK FOR US



www.caribbeanfmc.com

Illustrations by: Seo Grant '20



NOTICIAS DEL CFMC



PESCADORA DEL MES: GLORIA "TINA" VALLE GARCÍA



Gloria Valle García, mejor conocida como Tina, nació en Puerto Real, Cabo Rojo en el seno de una familia de hermanos pescadores. Su mamá, doña Providencia "Lencha" García, era ama de casa y muy buena cocinera, y su papá, don José "Cheo" Valle, fabricaba y vendía escobas. Eran 7 hermanas y 6 hermanos en la familia. Todos los hermanos pescaban y ella también quería hacerlo. Con ellos fue que aprendió a pescar.

Para Tina la pesca es "otro mundo, te saca del estrés". Aunque Tina sabe pescar distintas especies y usar diversas artes de pesca, pescar pulpo con bichero es lo que más le gusta.

"El pulpo es bien divertido. Es una especie bien inteligente. Tú te metes en el agua y puedes jugar a esconder con el pulpo. Tú te metes y él te ve. Tú te retiras y te retiras, y él se sale completo a ver dónde es que tú estás metido [...] Es bien bueno. A mí me encanta pescar pulpo," expresa Tina.



CFMC UPDATES



FISHER OF THE MONTH JULIAN MAGRAS



Julian Magras has been fishing since he was a kid. For Julian, fishing is a legacy that he received from his grandfather and his father, who were the ones that taught him this profession. In 1989, he started to fish commercially and since then, he has never stopped.

Variety has been the key for him to be successful in fishing. Mr. Magras uses different gears: fish and lobster traps, hand lines, and cast net. Likewise, he catches spiny lobsters and a wide range of reef fish: snappers, groupers, grunts, triggerfish, parrotfish, jacks, surgeonfish, angelfish, and boxfish. As many other fishers, he has a favorite species and gear.

"Queen triggerfish caught in a fish pot. It is my favorite fish to eat," Magras said.



NOTICIAS DEL CFMC



PESCADOR DEL MES: TOM DALEY

Thomas H. Daley, mejor conocido como Tom, es uno de los pescadores más célebres de St. Croix, USVI. Su sabiduría y experiencia de vida en la mar le han hecho merecedor de un gran respeto por parte de su comunidad.



Fotos provistas por: Carlos Farchette

Más que ser un residente en St. Croix, Tom es un ciudadano antillano. Tom nació en la isla de Montserrat y cuando tenía 10 años, su familia se mudó a la isla de Antigua. A esa edad, comenzó a pescar con cordel y anzuelo. En 1963, se mudó a St. Croix, y empezó a pescar con su amigo Zacarria Roberts. Once años después, en 1974, hizo de la pesca una actividad comercial. Para esa época, pescaba en Lang Bank, al noreste de St. Croix, y navegaba de noche para pescar con nasas en las aguas circundantes a la isla de Saba. Al día de hoy, a sus 78 años, continúa pescando.

El cordel y el anzuelo, y las nasas son las artes de pesca de su predilección. Tom fabrica sus propias nasas.

NEW VIDEOS!

- Nassau Groupers Against the Clock
- Fisher to Fisher Advice on Spawning Aggregations
- Cocinando con Ita y Ta







THANK YOU!

- Fishers
- Agencies
- Followers
- Scientists
- CFMC Staff
- Council members
- Liaisons
- OEAP Members
- Fish and Seafood Consumers
- Teachers and Students
- NGOs
- Sea Lovers



QUESTIONS?
IDEAS?

