

REEF

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Caribbean *Elacatinus* Cleaner and Sponge Gobies

Species Distribution Maps

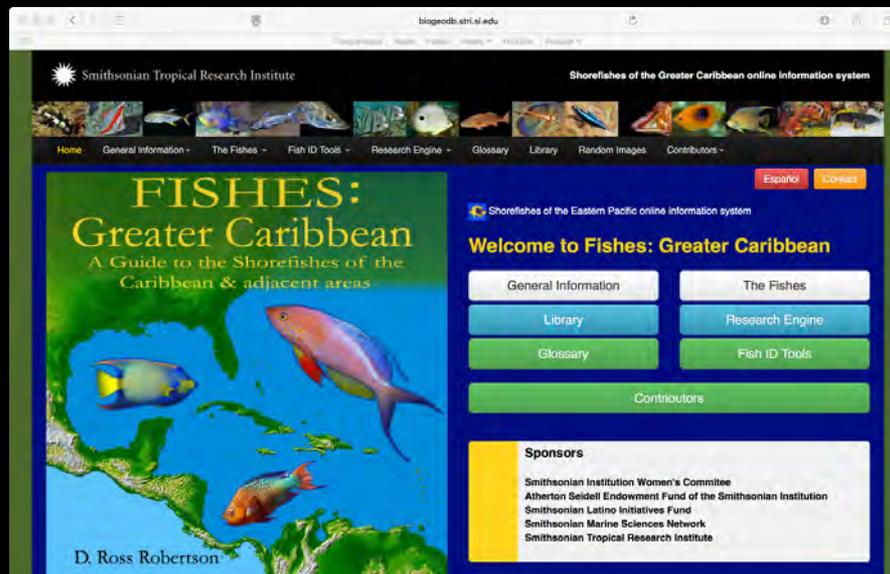


Photo by Carol Cox

As Presented in the REEF Fishinar on April 25,
2017 by Dr. Christy Semmens, REEF Director of
Science

All distribution maps presented in this handout are from:

Shorefishes of the Greater Caribbean – Webpage and Free App
<http://biogeodb.stri.si.edu/caribbean>



**An important note about species ranges – some of the records represented on these maps been proven incorrect since original publication based on taxonomic changes. Other records are based on one vagrant individual in a museum collection. Corrections are noted on the maps.

Neon Goby

Elacatinus oceanops



Photo by Carol Cox

<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 14:01:54 GMT



Georgia to Florida to
Gulf of Mexico Only

Caribbean Neon Goby

Elacatinus lobeli



Photo by Carol Cox

<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 13:57:40 GMT



Belize to Honduras, incl.
offshore islands

Sharknose Goby

Elacatinus evelynae



Photo by Carol Cox

<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 13:49:17 GMT



Bahamas to Southern Caribbean (NOT in Cayman Islands, NOT along Central American coast)

Cleaning Goby

Elacatinus genie



Photo by Wolfram Sander

<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 13:50:38 GMT

Bahamas and Cuba ONLY



Cayman Cleaning Goby

Elacatinus species CI



Photo by Florent Charpin

<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 15:34:52 GMT

Cayman Islands ONLY



Broadstripe Goby

Elacatinus prochilos



Photo by Paul Humann

<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 14:02:04 GMT

Mexican Caribbean, Belize,
Jamaica, Lesser Antilles only.
Deep habitats



Yellownose Goby

Elacatinus randalli



Photo by Carol Cox

<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 14:02:44 GMT

SE Caribbean to Venezuela
to Aruba (NOT confirmed
in Puerto Rico)



Yellowprow Goby

Elacatinus xanthiprora



Photo by Carol Cox

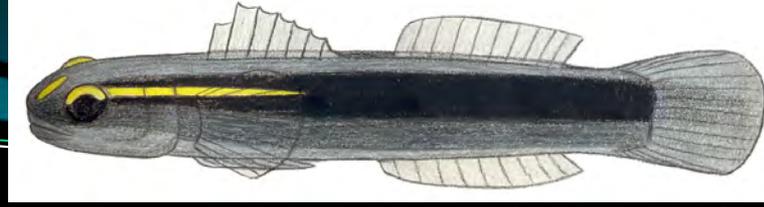
<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 15:38:43 GMT



North Carolina to Florida to
Gulf of Mexico only

Slaty Goby

Elacatinus tenox



Drawing by Tambja

<http://stri.si.edu/sfge>, Tue, 18 Apr 2017 15:37:54 GMT

Northeast to Southwest
Caribbean

RARE! Known only from a few specimens taken in St. Croix, Dominica, Nevis, Isla de Aves and Panama.



Colin's Sponge Goby

Elacatinus colini



Photo by Carol Cox

<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 13:48:02 GMT

Belize and Honduras ONLY



Barsnout Goby

Elacatinus illecebrosus



Photo by Paul Humann

<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 13:55:55 GMT



Mexican Caribbean and Coastal America, including offshore islands

Linesnout Goby

Elacatinus lori



Photo by Carol Cox

<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 13:59:57 GMT



Belize and Honduras Only

Spotlight Goby

Elacatinus louisae



Photo by Paul Humann

<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 14:00:06 GMT

Bahamas to NW Caribbean.
NOT reported Florida or S.
Caribbean



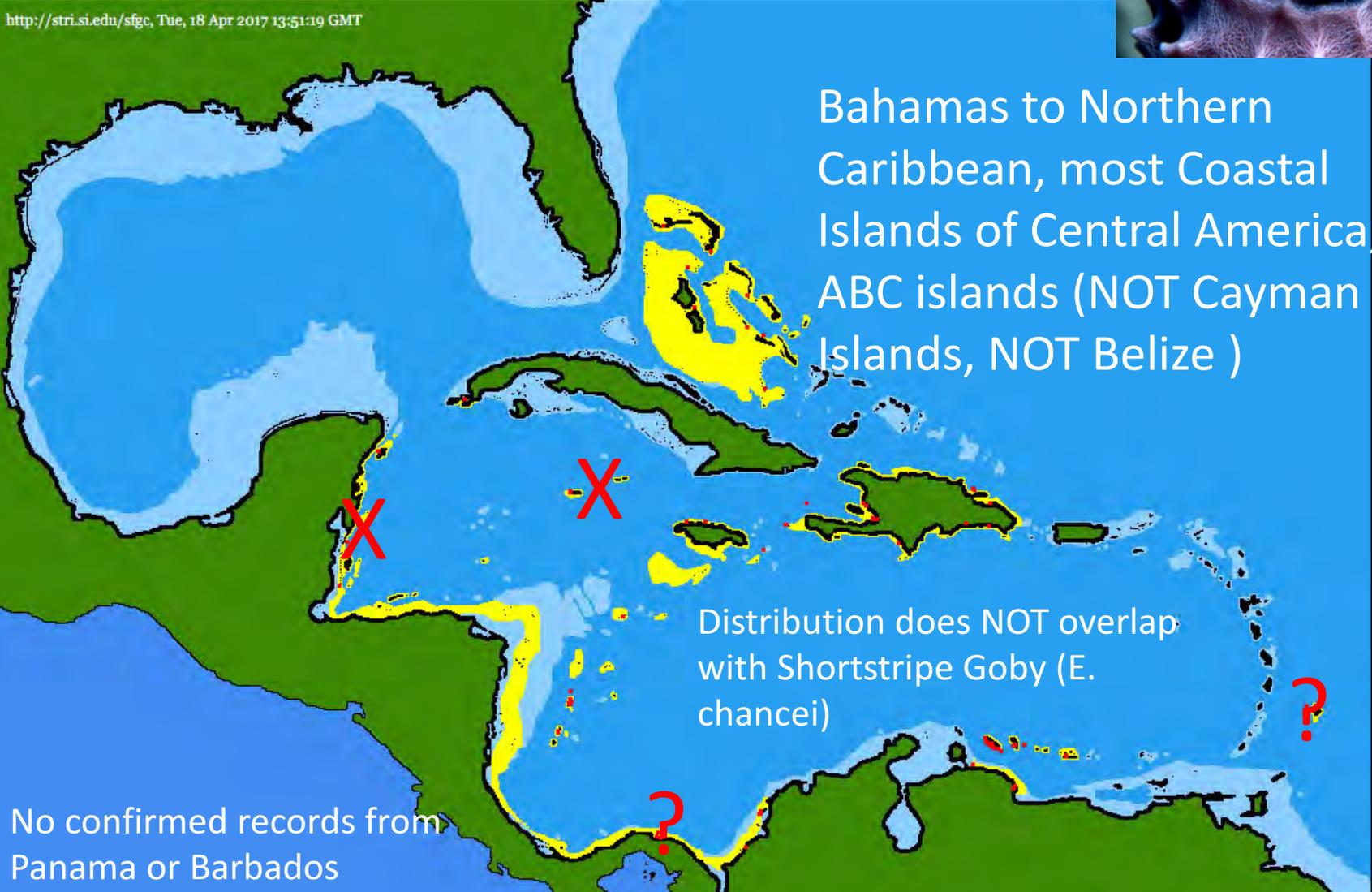
Yellowline Goby

Elacatinus horsti



Photo by Paul Humann

<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 13:51:19 GMT



Bahamas to Northern Caribbean, most Coastal Islands of Central America, ABC islands (NOT Cayman Islands, NOT Belize)

Distribution does NOT overlap with Shortstripe Goby (E. chancei)

No confirmed records from Panama or Barbados

Cayman Sponge Goby

Elacatinus centralis



Photo by Everett Turner



Cayman Islands only

All “Yellowline Goby”
in Cayman Islands are
Cayman Sponge Goby

Shortstripe Goby

Elacatinus chancei



<http://stri.si.edu/sfgc>, Tue, 18 Apr 2017 13:45:31 GMT



Bahamas, Lesser Antilles to
SE Caribbean

Distribution does NOT overlap
with Yellowline Goby (*E. horsti*)

Photo by Paul Humann