

Reef-associated Bony Fishes of the Greater Caribbean: A Checklist (VERSION 3)

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This third edition of the checklist includes bony fishes belonging to families present in the Greater Caribbean biogeographic region that have members known to associate with shallow (0 – 40 m depth) reefs. That region extends from southeastern North America, through the Gulf of Mexico and the Caribbean Sea to somewhere around Guyana and includes the West Indies and Bermuda.

The objective of this checklist is to provide a database of the entire regional fauna of reef-associated bony fishes that includes information on its taxonomic composition, and the conservation (IUCN Red List) status and various ecological characteristics of listed species. This is intended to facilitate comparisons of the structure of equivalent regional faunas in different parts of the globe, and for examining local variation in faunal structure (and faunal inventories) within the Greater Caribbean. Over the past decade the **IUCN Red List** (<https://www.iucnredlist.org/>) has produced a comprehensive set of assessments of Greater Caribbean fishes. Those include assessments for 96.7% of the species in the present checklist. Those assessments include much information on habitat usage by those fishes that was relevant to the construction of the present checklist. That information was supplemented with information from our own research and other published sources.

Greater Caribbean reefs down to depths of ~250 m have reef-fish faunas dominated by species belonging to typical shallow-reef families (Baldwin et al. 2018). Some of those families have both shallow and deep-living members. All members of those shallow-water families that have at least one reef-associated species are included on the list, regardless of their individual depth ranges. Members of a few families of reef-associated fishes typically found only on deep-water reefs (i.e. below the 150 m lower limit of the mesophotic zone), are not included on this list, among them the Acropomatidae, Aulopidae, Berycidae, Caproidae, Gempylidae, Grammicolepidae, Polymixiidae, Polyprionidae, Scombroptidae, Sebastidae, Symphyanodontidae, Trachichthyidae, and Tricanthodidae.

Reef-associated fishes include **demersal and benthic species that use consolidated hard substrata** (coral- and rocky reefs), and **demersal and benthic species that use soft bottoms** (sand, gravel, mud, seagrass and macroalgal beds growing on sediment, estuaries and mangroves) immediately adjacent to or within the matrices of reefs. **Benthic** species are restricted to living on and in the bottom, whereas **Demersal** species use and rely on both the bottom and the near-bottom water column. These two categories relate to the behavior of fishes during the day, which, in some cases, changes at night. For example, Apogonids, Holocentrids and Anomalopids are benthic during the day, but demersal when they become active at night, and day-active demersal species often hide within reef substrata at night (e.g. some *Thalassoma bifasciatum* rest inside tubular sponges, while *Halichoeres bivittatus* buries in sand). Reef-associated fishes also include **Pelagic species** that live in the water column, facultatively associate

with reefs, are regularly seen over and immediately adjacent to them, and have trophic interactions with organisms on reefs.

Oyster reefs are estuarine and have an associated estuarine bony-fish fauna (e.g. see Harding & Mann 2001; La Peyre et al. 2019) that differs greatly in taxonomic composition from the faunas of marine reefs. Hence, we have not included species that associate with oyster reefs unless they also associate with rocky- or coral reefs. Species found almost exclusively in fresh- to brackish water also are excluded entirely from the list. Finally, we also exclude a few taxa of oceanic shallow-water fishes that may be seen in the general vicinity reefs: Exocoetidae, Xiphiidae, Istiophoridae and large (*Thunnus*) tunas.

Simple systems of habitat characterization like that used here cannot capture all the nuances of how different fishes use a variety of habitats and microhabitats. Inevitably there are borderline cases of species that could be classified in either of two alternative habitat categories (e.g. benthic or demersal). There also are borderline cases relating to whether a species should be regarded as reef-associated or not. A single observation of a species passing nearby during a dive on a reef does not make that a reef-associated species. In addition, geographic variation in whether some species on this list do or do not associate with reefs at any location complicates the situation. We have tried to be conservative in classing species as reef-associated, by relying as much as possible on multiple primary records of such behavior by those species, with clearcut descriptions of actual behavior. Otherwise virtually everything could end up classed as reef associated.

Cryptobenthic fishes are species that are “visually and/or behaviorally cryptic” due to their form and coloration, and to their maintaining “a close association with the benthos” (Depczynski & Bellwood, 2003), by living directly on or within it. While cryptobenthic species are a major component of the diversity of reef fishes, they typically are strongly under-represented in visual surveys of reef-fish assemblages made by divers. The diversity and the numerical abundance of cryptobenthic fishes is revealed only through the use of chemical piscicides (Ackerman & Bellwood 2000; Willis 2001; Smith-Vaniz et al 2006; Robertson & Smith-Vaniz 2008; Alzate et al 2014,) or anaesthetics (Kovacic et al 2012) that flush such fishes out of the substratum for collection and identification. The list indicates which species we have classed as cryptobenthic. While individuals of some cryptobenthic species, such as moray eels and cardinal-fishes may regularly be seen during the day on reefs while hiding in the substratum, we do not know what fraction of their populations those visible individuals represent (Willis 2001; Alzate et al 2014). On the other hand, species such as the tiny Glass- and Masked Gobies (*Coryphopterus hyalinus* and *C. personatus*) that school in the water just above the substratum, and the Garden Eels (*Heteroconger spp.*) that extend their long, slender bodies to feed in the water column above their burrows, we do not class as cryptobenthic because they can be censused visually.

Studies of cryptobenthic reef-fishes often emphasize that many such species derive their crypticity in part from being very small (Miller 1979; Depczynski and Bellwood 2003; Beldade et al 2006; Kovacic et al 2012; Brandl et al 2018). The list indicates **which cryptobenthic reef-fishes are small**, with a maximum Total Length (TL) ≤ 5 cm (Depczynski & Bellwood, 2003) and ≤ 10 cm (Miller 1979; Beldade et al 2006; Kovacic et al 2012). Brandl et al. (2018, 2019) classed the members of 17 families (only 13 of which are in the Greater Caribbean) that have relatively large numbers of small, cryptobenthic species, share many life-history characteristics and are important for energy flow in reef ecosystems as **core families of cryptobenthic reef-fishes (Core CRFs)**. Members of those families (Apogonidae, Blenniidae, Bythitidae, Callionymidae, Chaenopsidae, Dactyloscopidae, Gobiidae, Gobiesocidae, Grammatidae, Labrisomidae, Opistognathidae, Syngnathidae, Tripterygiidae), which Brandl et al. (2018, 2019) also referred to as **microbenthic reef fishes**, are identified in the list. While many cryptobenthic species in other families also are small, Brandl et al’s. (2018) definition of core CRFs was aimed at the family level, thus excluding some small cryptic species in speciose families that have many large, mobile members (e.g. the Labridae and Serranidae). In this edition we have added one family

to the Core CRF list (see below).

CHANGES IN VERSION 2 FROM VERSION 1:

- i. In Version 1 all non-pelagic species were referred to as demersal. In Version 2 non-pelagic species are coded as either **Benthic** or **Demersal** (see above for definitions).
- ii. Species have been divided into **two depth classes**, based on their depth ranges: **Shallow species** are those commonly found above 40m depth and **Deep Species** are those entirely or largely restricted to depths below 40m. The choice of this 40 m separation depth was based on it being the approximate lower limit of SCUBA-based research on shallow-water reef fishes, and also being the approximate breakpoint between shallow and deeper (mesophotic and rariphotic) faunal depth-zones on reefs, with shallow- and deep-reef fish assemblages being dominated by different members of the same set of families indicated in the table presented here (e.g. Pinheiro et al 2016; Baldwin et al 2018; García-Hernández et al 2018; Stefanoudis et al 2019).

This division into shallow- and deep species was made because levels of research effort on deep-reef members of the families on the list vary widely between regions and between locations within a region. There has been much more research and collecting of deep-reef fishes, particularly of small, cryptobenthic forms, using crewed submersibles specially equipped for such collecting (Gilmore 2016) in the Greater Caribbean than many other areas. That includes work at widely scattered sites in the region between the late 1970s and 2010 by the **Johnson Sea Link I** and **II** submarines, on the Atlantic and Gulf of Mexico coasts of Florida, the Bahamas, Caribbean Mexico, Cuba, Jamaica, Puerto Rico, the US Virgin Islands, Bonaire and Curacao. In addition, this activity includes observations by the **Nekton** submersibles at Jamaica and Belize, and the **Alvin** at the Bahamas (again during the 1970s). During the 2010s, this effort was renewed by observations and collecting by the Smithsonian Institution's DROP program using the submersibles **Curasub** at Curacao, Bonaire, Dominica and St Eustatius, and the **Idabel** at Roatan. No similarly extensive set of submersible-based studies and collections of deep-reef fishes exists for any other equivalent biogeographic region in the tropics. Hence, the focus of quantitative comparisons with reef-associated fish faunas of most other regions (or locations within the Greater Caribbean that lack deep-reef research) is likely to be on shallow-water reefs.

- iii. A few, currently unnamed species of reef-associated Gobiids (6 species in two, currently unnamed, genera), Grammatids (2 species of *Lipogramma*), Labrids (2 species of *Decodon*) and Serranids (1 species of *Baldwinella*) for which sufficient ecological information is available have been added to the list.
- iv. Several deep-living reef-associated species listed in Version 1 as members of the Scorpaenidae have been removed from the list, because systematic rearrangements have placed them in other families (Setarchidae and Sebastidae) that, in the study area, lack shallow members.
- v. The family Ophidiidae has about 78 species in 28 genera and three subfamilies in the study area. We include on the list only 41 members of 7 genera known to have shallow-water, reef-associated representatives or representatives that live within the depth range (0~250m) of reefs dominated by shallow taxa. The remainder are species that live in very deep or oceanic waters and are irrelevant to the reef-associated fish fauna considered here.
- vi. Habitat classifications of a few species of carangids and lutjanids as pelagic or demersal in

version 1 have been changed, based on additional information.

CHANGES IN VERSION 3 FROM VERSION 2

- i. This edition incorporates data from additional published research on fishes in the Greater Caribbean, plus information on species that occur in Brazil as well as the Greater Caribbean that we reviewed in ~70 publications that deal with reef-associated fishes in Brazil. That additional information has increased the number of reef-associated bony fishes: to 83 families, 338 genera and 981 species.
- ii. Shortly before Brandl et al (2018) defined the group of Core CRFs, Moller et al (2016) split the Bythitidae into two families, Bythitidae and Dinematichthyidae. In this edition we have included both those families as Core CRFs as the dinematichthyids include many small, cryptobenthic species found on shallow reefs.
- iii. Three additional types of data are given for each species on the list. These include (1) whether or not a species is **endemic** to the Greater Caribbean (i.e has 90% or more of its range within that area, the northern and southern limits of which have yet to be precisely defined), and (2) whether or not it has a **small or very small geographic range** within that region. Small ranges are those no larger than 1/3 of the Greater Caribbean. Very small ranges are those no larger than the area occupied by the Mesoamerican reef system, which extends from northern Honduras and along the Caribbean coast of Mexico and represents ~5% of the area of the Greater Caribbean. Species for which insufficient information is available on range size, but which seem likely to have small ranges, are indicated with a query. Note that non-endemics can have small Greater Caribbean ranges that represent part of larger ranges that extend well outside that region, e.g. to Brazil. (3) The **IUCN Red List extinction-risk category** is also given for each species that has been assessed by that process. Red List categories include DD (Data Deficient); LC (Least Concern); NT (Near Threatened); VU (Vulnerable); E (Endangered); CR (Critically Endangered). Species not yet assessed by the Red List are indicated by ND (no data).

Hosting of this database by Zenodo will allow it to be updated through the production of new versions as new information becomes available.

New information, comments or queries relating to the classification or species list should be directed to robertsondr@si.edu.

A compilation of further information about the biological characteristics of fishes on this list can be found in the website: Robertson DR, Van Tassell J (2019) Shorefishes of the Greater Caribbean: online information system. Version 2.0. <https://biogeodb.stri.si.edu/caribbean/en/pages>

Numbers of species of Reef-associated Bony Fishes in different categories in the Table

Number of Reef-associated Bony Fish taxa: 83 Families, 338 Genera, 981 Species

Of those:

Number of pelagic species: 78

Red List: 0 ND; 4 DD, 72 LC, 0 NT, 2 VU, 0 EN, 0 CR

Number of endemics:10

Number of small-range species: 13
Number of very-small range species: 1

Number of non-pelagic species: 903

Of the non-pelagic Reef-associated species:

Red List: 32 ND; 91 DD, 725 LC, 12 NT, 28 VU, 14 EN, 1CR
Number of endemics: 497
Number of small-range species: 291
Number of very-small range species: 59

Demersal species, number of: 316

Number of demersal species using hard bottoms: **260** total, **119** hard bottoms only
Number of demersal species using soft bottoms: **197** total, **56** soft bottoms only
Number of demersal species using both hard & soft bottoms: **141**

Benthic species, number of: 587

Number of benthic species using hard bottoms: **433** total, **278** hard bottoms only
Number of benthic species using soft bottoms: **309** total, **154** soft bottoms only
Number of benthic species using both hard & soft bottoms: **155**

Cryptobenthic species, number of: 535 total, 227 ≤ 5cm TL, 376 ≤ 10cm TL.

Red List: 20 ND; 69 DD, 422 LC, 2 NT, 15 VU, 7 EN, 0 CR
Number of endemics: 365
Number of small-range species: 216
Number of very-small range species: 47

Core CRF species, number of: 414 total, 216 ≤ 5cm TL, 362 ≤ 10cm TL

Red List: 19 ND; 67 DD, 305 LC, 2 NT, 14 VU, 7 EN, 0 CR
Number of endemics: 331
Number of small-range species: 192
Number of very-small range species: 43

Shallow species, number of: 769

Number of Shallow Demersal species: **272** total, **9** ≤ 5cm TL, **21** ≤ 10cm TL
Number of Shallow Benthic species: **497** total, **189** ≤ 5cm TL, **328** ≤ 10cm TL
Number of Shallow Cryptobenthic species: **455** total, **189** ≤ 5cm TL, **318** ≤ 10cm TL
Number of Shallow Core CRF species: **355** total, **195** ≤ 5cm TL, **308** ≤ 10cm TL

Deep species, number of: 134

Number of Deep Demersal species: **44** total, **3** ≤ 5cm TL, **7** ≤ 10cm TL
Number of Deep Benthic species: **90** total, **38** ≤ 5cm TL, **58** ≤ 10cm TL
Number of Deep Cryptobenthic species: **80** total, **38** ≤ 5cm TL, **58** ≤ 10cm TL
Number of Deep Core CRF species: **59** total, **41** ≤ 5cm TL, **54** ≤ 10cm TL

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Taxamane	Reef Associated	Hard Bottom	Soft Bottom	Pelagic	Demersal	Benthic	Cryptobenthic	max TL ≤5cm	max TL ≤10cm	Core CRFs	Deep	Endemic	Small Range	V small range	Red List
ACANTHURIDAE															
Acanthurus chirurgus	yes	yes	yes		yes										LC
Acanthurus coeruleus	yes	yes	yes		yes										LC
Acanthurus tractus	yes	yes	yes		yes							yes			LC
ACHIRIDAE															
Achirus achirus			yes			yes							yes		LC
Achirus declivis			yes			yes									LC
Achirus lineatus	yes		yes			yes									LC
Apionichthys dumerili			yes			yes							yes		LC
Gymnachirus melas	yes		yes			yes	yes						yes		LC
Gymnachirus nudus	yes		yes			yes	yes								LC
Gymnachirus texae			yes			yes						yes	yes		LC
Trinectes inscriptus	yes		yes			yes						yes			LC
Trinectes microphthalmus			yes			yes							yes		LC
Trinectes paulistanus			yes			yes							yes		LC
ALBULIDAE															
Albula goreensis	yes		yes		yes										ND
Albula nemoptera			yes		yes										DD
Albula vulpes	yes		yes		yes							yes			NT
ANOMALOPIDAE															
Kryptophanaron alfredi	yes	yes				yes	yes				yes	yes	yes		LC
ANTENNARIIDAE															
Antennarius multiocellatus	yes	yes				yes	yes								LC
Antennarius pauciradiatus	yes	yes	yes			yes	yes	yes				yes			LC
Antennarius scaber	yes	yes	yes			yes	yes								LC
Antennatus bermudensis	yes	yes				yes	yes		yes			yes			LC
Fowlerichthys ocellatus	yes	yes	yes			yes	yes								LC
Fowlerichthys radiosus			yes			yes									LC
Histrio histrio	yes	yes	yes			yes	yes								LC
APOGONIDAE															
Apogon aurolineatus	yes	yes	yes			yes	yes		yes	yes		yes			LC
Apogon binotatus	yes	yes	yes			yes	yes			yes		yes			LC
Apogon gouldi	yes	yes				yes	yes			yes	yes	yes			LC
Apogon lachneri	yes	yes	yes			yes	yes		yes	yes		yes			LC
Apogon leptocaulus	yes	yes				yes	yes		yes	yes		yes	yes		LC
Apogon maculatus	yes	yes	yes			yes	yes			yes		yes			LC
Apogon mosavi	Yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Apogon phenax	yes	yes				yes	yes		yes	yes		yes			LC
Apogon pillionatus	yes	yes				yes	yes		yes	yes		yes			LC
Apogon planifrons	yes	yes	yes			yes	yes			yes					LC
Apogon pseudomaculatus	yes	yes	yes			yes	yes			yes					LC
Apogon quadrisquamatus	yes	yes	yes			yes	yes		yes	yes					LC
Apogon robbyi	yes	yes	yes			yes	yes	yes	yes	yes			yes		LC
Apogon robinsi	yes	yes				yes	yes			yes		yes			LC
Apogon townsendi	yes	yes				yes	yes		yes	yes		yes			LC
Astrapogon alutus	yes	yes	yes			yes	yes		yes	yes		yes			LC
Astrapogon puncticulatus	yes		yes			yes	yes		yes	yes					LC
Astrapogon stellatus	yes	yes	yes			yes	yes		yes	yes					DD
Paroncheilus affinis	yes	yes				yes	yes			yes					LC

Taxaname	Reef Associated	Hard Bottom	Soft Bottom	Pelagic	Demersal	Benthic	Cryptobenthic	max TL ≤5cm	max TL ≤10cm	Core CRFs	Deep	Endemic	Small Range	V small range	Red List
Phaeoptyx conklini	yes	yes	yes			yes	yes		yes	yes		yes			LC
Phaeoptyx pigmentaria	yes	yes	yes			yes	yes		yes	yes					LC
Phaeoptyx xenus	yes	yes				yes	yes		yes	yes		yes			LC
Zapogon evermanni	yes	yes				yes	yes			yes	yes				LC
ATHERINIDAE															
Atherina harringtonensis	yes			yes					yes			yes			LC
Atherinomorus stipes	yes			yes					yes						LC
ATHERINOPSIDAE															
Atherinella blackburni	yes			yes									yes		LC
Atherinella brasiliensis	yes			yes											DD
Melanorhinus microps	yes			yes					yes			yes			LC
Membras analis				yes								yes	yes	yes	DD
Membras argentea				yes								yes	yes	yes	DD
Membras martinica	yes			yes									yes		LC
Membras species A				yes								yes	yes	yes	ND
Menidia colei				yes								yes	yes	yes	VU
Menidia menidia				yes									yes		LC
Menidia peninsulae	yes			yes								yes	yes		LC
AULOSTOMIDAE															
Aulostomus maculatus	yes	yes	yes		yes							yes			LC
BALISTIDAE															
Balistes capriscus	yes	yes			yes										VU
Balistes vetula	yes	yes	yes		yes										NT
Canthidermis maculata	yes			yes											LC
Canthidermis sufflamen	yes			yes											LC
Melichthys niger	yes	yes			yes										LC
Xanthichthys ringens	yes	yes			yes										LC
BATRACHOIDIDAE															
Amphichthys cryptocentrus	yes	yes	yes			yes	yes						yes		LC
Batrachoides manglae			yes			yes						yes	yes		LC
Batrachoides surinamensis			yes			yes							yes		LC
Opsanus beta	yes	yes	yes			yes	yes					yes	yes		LC
Opsanus dichrostomus	yes		yes			yes	yes					yes	yes		LC
Opsanus pardus	yes	yes				yes	yes					yes	yes		LC
Opsanus phobetron	yes		yes			yes	yes					yes	yes		LC
Opsanus tau	yes	yes				yes	yes						yes		LC
Porichthys bathoiketes			yes			yes					yes	yes	yes		ND
Porichthys oculo-frenum			yes			yes					yes		yes		DD
Porichthys pauciradiatus			yes			yes							yes		LC
Porichthys plectrodon			yes			yes									LC
Sanopus astrifer	yes	yes				yes	yes					yes	yes	yes	VU
Sanopus barbatus	yes	yes				yes	yes					yes	yes		LC
Sanopus greenfieldorum	yes	yes				yes	yes					yes	yes	yes	VU
Sanopus johnsoni	yes	yes				yes	yes					yes	yes	yes	DD
Sanopus reticulatus	yes	yes				yes	yes					yes	yes	yes	EN
Sanopus splendidus	yes	yes				yes	yes					yes	yes	yes	EN
Thalassophryne maculosa	yes		yes			yes							yes		LC
Thalassophryne megalops			yes			yes						yes	yes		LC
Thalassophryne nattereri	yes		yes			yes							yes		LC

Taxamane	Reef Associated	Hard Bottom	Soft Bottom	Pelagic	Demersal	Benthic	Cryptobenthic	max TL ≤5cm	max TL ≤10cm	Core CRFs	Deep	Endemic	Small Range	V small range	Red List
<i>Vladichthys gloverenensis</i>	yes		yes			yes	yes		yes			yes	yes	yes	VU
BELONIDAE															
<i>Ablennes hians</i>	yes			yes											LC
<i>Platybelone argalus argalus</i>	yes			yes											LC
<i>Strongylura marina</i>	yes			yes											LC
<i>Strongylura notata</i>	yes			yes							yes				LC
<i>Strongylura timucu</i>	yes			yes											LC
<i>Tylosurus acus acus</i>	yes			yes											LC
<i>Tylosurus crocodilus crocodilus</i>	yes			yes											LC
BLENNIIDAE															
<i>Chasmodes bosquianus</i>	yes	yes	yes			yes	yes			yes			yes		LC
<i>Chasmodes longimaxilla</i>	yes	yes	yes			yes	yes		yes	yes		yes	yes		LC
<i>Chasmodes saburrae</i>	yes	yes	yes			yes	yes		yes	yes		yes	yes		LC
<i>Entomacrodus nigricans</i>	yes	yes				yes	yes		yes	yes		yes			LC
<i>Hypoleurochilus bermudensis</i>	yes	yes				yes	yes			yes		yes			LC
<i>Hypoleurochilus caudovittatus</i>	yes	yes	yes			yes	yes		yes	yes		yes	yes	yes	LC
<i>Hypoleurochilus geminatus</i>	yes	yes				yes	yes			yes			yes		LC
<i>Hypoleurochilus multifilis</i>	yes	yes				yes	yes		yes	yes		yes	yes		LC
<i>Hypoleurochilus pseudoaequipinnis</i>	yes	yes	yes			yes	yes		yes	yes		yes			LC
<i>Hypoleurochilus springeri</i>	yes	yes				yes	yes		yes	yes		yes			LC
<i>Hypsoblennius exstochilus</i>	yes	yes				yes	yes		yes	yes		yes			LC
<i>Hypsoblennius hentz</i>	yes	yes	yes			yes	yes			yes			yes		LC
<i>Hypsoblennius invemar</i>	yes	yes				yes	yes		yes	yes		yes			LC
<i>Hypsoblennius ionthas</i>	yes	yes				yes	yes		yes	yes		yes	yes		LC
<i>Lupinoblennius nicholsi</i>	yes	yes	yes			yes	yes		yes	yes		yes	yes		LC
<i>Lupinoblennius victus</i>			yes			yes		yes	yes	yes		yes			NT
<i>Ophioblennius macclurei</i>	yes	yes				yes	yes			yes		yes			LC
<i>Parablennius marmoreus</i>	yes	yes				yes	yes			yes					LC
<i>Scartella cristata</i>	yes	yes				yes	yes		yes	yes					LC
BOTHIDAE															
<i>Bothus lunatus</i>	yes	yes	yes			yes	yes								LC
<i>Bothus maculiferus</i>	yes		yes			yes	yes								LC
<i>Bothus ocellatus</i>	yes		yes			yes	yes								LC
<i>Bothus robinsi</i>	yes		yes			yes	yes								LC
<i>Chascanopsetta danae</i>			yes			yes					yes				LC
<i>Chascanopsetta lugubris</i>			yes			yes					yes				LC
<i>Engyophrys senta</i>			yes			yes		yes			yes				LC
<i>Monolene atrimana</i>			yes			yes					yes				LC
<i>Monolene megalepis</i>			yes			yes					yes	yes	yes		LC
<i>Monolene sessilicauda</i>			yes			yes					yes				LC
<i>Trichopsetta caribbaea</i>			yes			yes					yes				LC
<i>Trichopsetta melasma</i>			yes			yes					yes	yes			LC
<i>Trichopsetta orbisulcus</i>			yes			yes					yes	yes	yes		LC
<i>Trichopsetta ventralis</i>			yes			yes					yes	yes	yes		LC
BYTHITIDAE															
<i>Bythites gerdae</i>	yes	yes				yes	yes		yes	yes	yes		yes		LC
<i>Calamopteryx goslinei</i>	yes	yes				yes	yes		yes	yes		yes			LC
<i>Calamopteryx robsinsonum</i>			yes			yes		yes	yes	yes	yes	yes			LC
<i>Cataetx laticeps</i>			yes		yes					yes	yes				LC

Taxamane	Reef Associated	Hard Bottom	Soft Bottom	Pelagic	Demersal	Benthic	Cryptobenthic	max TL ≤5cm	max TL ≤10cm	Core CRFs	Deep	Endemic	Small Range	V small range	Red List
Diplacanthopoma brachysoma			yes		yes					yes	yes				LC
Grammonus claudei	yes	yes				yes	yes		yes	yes		yes			LC
Parasaccogaster melanomycter	yes	yes				yes	yes		yes	yes		yes	?		DD
Parasaccogaster rhamphidognatha			yes			yes	yes		yes	yes	yes		?		DD
Saccogaster staigeri			yes			yes	yes		yes	yes	yes		yes		LC
Stygnobrotula latebricola	yes	yes				yes	yes		yes	yes					LC
CALLIONYMIDAE															
Callionymus bairdi	yes		yes			yes	yes			yes					LC
Diplogrammus pauciradiatus	yes		yes			yes	yes		yes	yes		yes			LC
Foetorepus agassizii			yes			yes				yes	yes				LC
Foetorepus dagmarae			yes			yes				yes	yes		yes		LC
Foetorepus goodenbeani			yes			yes				yes	yes		yes		LC
CARANGIDAE															
Alectis ciliaris	yes			yes											LC
Caranx bartholomaei	yes			yes											LC
Caranx crysos	yes			yes											LC
Caranx hippos	yes			yes											LC
Caranx latus	yes			yes											LC
Caranx lugubris	yes			yes											LC
Caranx ruber	yes			yes											LC
Chloroscombrus chrysurus	yes			yes											LC
Decapterus macarellus	yes			yes											LC
Decapterus punctatus	yes			yes											LC
Decapterus tabl	yes			yes											LC
Elagatis bipinnulata	yes			yes											LC
Hemicaranx amblyrhynchus	yes			yes											LC
Naucrates ductor				yes											LC
Oligoplites palometa	yes			yes									yes		LC
Oligoplites saliens	yes			yes									yes		LC
Oligoplites saurus saurus	yes			yes											LC
Pseudocaranx dentex	yes		yes		yes								yes		LC
Selar crumenophthalmus	yes			yes											LC
Selene brownii	yes		yes		yes										LC
Selene setapinnis	yes		yes		yes										LC
Selene vomer	yes		yes		yes										LC
Seriola dumerili	yes			yes											LC
Seriola fasciata	yes			yes							yes				LC
Seriola rivoliana	yes			yes											LC
Seriola zonata	yes			yes											LC
Trachinotus carolinus	yes		yes		yes										LC
Trachinotus cayennensis			yes		yes								yes		LC
Trachinotus falcatus	yes	yes	yes		yes										LC
Trachinotus goodei	yes			yes											LC
Trachurus lathami	yes			yes											LC
Uraspis secunda	yes			yes									yes		LC
CARAPIDAE															
Carapus bermudensis	yes	yes	yes			yes	yes								LC
Echiodon dawsoni			yes			yes					yes		yes		LC
Snyderidia canina				yes							yes		yes		LC

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CENTROPOMIDAE															
Centropomus ensiferus			yes		yes										LC
Centropomus mexicanus			yes		yes										LC
Centropomus parallelus	yes		yes		yes										LC
Centropomus pectinatus			yes		yes										LC
Centropomus poeyi			yes		yes							yes	yes		LC
Centropomus undecimalis	yes	yes	yes		yes										LC
CHAENOPSIDAE															
Acanthemblemaria aceroi	yes	yes				yes	yes	yes	yes	yes		yes	yes		ND
Acanthemblemaria aspera	yes	yes				yes	yes	yes	yes	yes		yes			LC
Acanthemblemaria betinensis	yes	yes				yes	yes		yes	yes		yes	yes		LC
Acanthemblemaria chaplini	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Acanthemblemaria greenfieldi	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Acanthemblemaria harpeza	yes	yes				yes	yes	yes	yes	yes		yes	yes		DD
Acanthemblemaria johnsoni	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	LC
Acanthemblemaria maria	yes	yes				yes	yes		yes	yes		yes			LC
Acanthemblemaria medusa	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Acanthemblemaria paula	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	DD
Acanthemblemaria rivasi	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Acanthemblemaria spinosa	yes	yes				yes	yes	yes	yes	yes		yes			LC
Chaenopsis limbaughi	yes		yes			yes	yes		yes	yes		yes			LC
Chaenopsis megalops	yes		yes			yes	yes			yes	yes	yes	?	?	DD
Chaenopsis ocellata	yes		yes			yes	yes			yes		yes	yes		LC
Chaenopsis resh	yes		yes			yes	yes			yes		yes	yes		LC
Chaenopsis roseola	yes		yes			yes	yes	yes	yes	yes			yes		LC
Chaenopsis stephensi	yes		yes			yes	yes	yes	yes	yes	yes				DD
Coralliozetus cardonae	yes	yes				yes	yes	yes	yes	yes		yes			LC
Ekemblemaria nigra	yes	yes				yes	yes		yes	yes		yes	yes		LC
Emblemaria atlantica	yes		yes			yes	yes		yes	yes		yes	yes		LC
Emblemaria australis	yes		yes			yes	yes	yes	yes	yes			yes		LC
Emblemaria biocellata	yes	yes	yes			yes	yes	yes	yes	yes	yes		yes		LC
Emblemaria caldwelli	yes		yes			yes	yes	yes	yes	yes		yes	yes		LC
Emblemaria caycedoi	yes		yes			yes	yes	yes	yes	yes		yes	yes	yes	LC
Emblemaria culmenis	yes		yes			yes	yes		yes	yes		yes	yes	yes	DD
Emblemaria diphyodontis	yes		yes			yes	yes		yes	yes		yes	yes	yes	LC
Emblemaria hyltoni	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes	yes	DD
Emblemaria pandionis	yes		yes			yes	yes		yes	yes		yes			LC
Emblemaria piratula	yes		yes			yes	yes	yes	yes	yes		yes	yes		LC
Emblemaria vitta	yes		yes			yes	yes	yes	yes	yes		yes	yes		LC
Emblemariopsis arawak	yes	yes				yes	yes	yes	yes	yes		yes	yes		DD
Emblemariopsis bahamensis	yes	yes				yes	yes	yes	yes	yes		yes			LC
Emblemariopsis bottomei	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Emblemariopsis carib	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Emblemariopsis diana	yes		yes			yes	yes	yes	yes	yes		yes	yes	yes	DD
Emblemariopsis diaphana	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Emblemariopsis leptocirris	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Emblemariopsis occidentalis	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Emblemariopsis pricei	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	VU
Emblemariopsis ramirezi	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC

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<i>Emblemariopsis randalli</i>	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	DD
<i>Emblemariopsis ruetzleri</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
<i>Emblemariopsis tayrona</i>	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	LC
<i>Hemiemblemaria simula</i>	yes	yes				yes	yes			yes		yes	yes		LC
<i>Lucayablennius zingaro</i>	yes	yes				yes	yes		yes	yes		yes			LC
<i>Protblemalaria punctata</i>	yes	yes				yes	yes		yes	yes		yes	yes	yes	LC
CHAETODONTIDAE															
<i>Chaetodon capistratus</i>	yes	yes	yes		yes										LC
<i>Chaetodon ocellatus</i>	yes	yes	yes		yes										LC
<i>Chaetodon sedentarius</i>	yes	yes			yes										LC
<i>Chaetodon striatus</i>	yes	yes	yes		yes										LC
<i>Prognathodes aculeatus</i>	yes	yes			yes			yes				yes			LC
<i>Prognathodes aya</i>	yes	yes	yes		yes						yes	yes	yes		LC
<i>Prognathodes guyanensis</i>	yes	yes			yes						yes				LC
CHLOPSIDAE															
<i>Catesbya pseudomuraena</i>	yes	yes				yes	yes					yes	yes	yes	DD
<i>Chilorhinus suenonii</i>	yes		yes			yes	yes								LC
<i>Chlopsis bicolor</i>	yes	yes	yes			yes	yes				yes				LC
<i>Chlopsis dentatus</i>	yes	yes	yes			yes	yes				yes				DD
<i>Kaupichthys hyoproroides</i>	yes	yes	yes			yes	yes								LC
<i>Kaupichthys nuchalis</i>	yes	yes				yes	yes					yes			LC
<i>Robinsia catherinae</i>	yes	yes				yes	yes				yes		yes		LC
CIRRHITIDAE															
<i>Amblycirrhitus pinos</i>	yes	yes				yes			yes						LC
CLUPEIDAE															
<i>Alosa alabamae</i>				yes								yes	yes	yes	DD
<i>Alosa chrysochloris</i>				yes								yes	yes		LC
<i>Brevoortia gunteri</i>				yes								yes	yes		LC
<i>Brevoortia patronus</i>				yes								yes	yes		LC
<i>Brevoortia smithi</i>				yes									yes		LC
<i>Dorosoma cepedianum</i>				yes									yes		LC
<i>Dorosoma petenense</i>				yes								yes	yes		LC
<i>Etrumeus sadina</i>				yes											LC
<i>Harengula clupeola</i>	yes			yes											LC
<i>Harengula humeralis</i>	yes			yes											LC
<i>Harengula jaguana</i>	yes			yes											LC
<i>Jenkinsia lamprotaenia</i>	yes			yes					yes			yes			LC
<i>Jenkinsia majua</i>	yes			yes					yes			yes			LC
<i>Jenkinsia parvula</i>	yes			yes					yes			yes	yes		DD
<i>Jenkinsia stolifera</i>	yes			yes					yes			yes			LC
<i>Lile piquitinga</i>	yes			yes									yes		LC
<i>Opisthonema oglinum</i>	yes			yes											LC
<i>Sardinella aurita</i>	yes			yes											LC
CONGRIDAE															
<i>Ariosoma anale</i>	yes	yes	yes			yes	yes				yes				LC
<i>Ariosoma balearicum</i>	yes		yes			yes	yes								LC
<i>Ariosoma selenops</i>			yes			yes					yes				LC
<i>Bathycongrus bullisi</i>			yes			yes					yes				LC
<i>Bathycongrus dubius</i>			yes			yes					yes				LC

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Bathycongrus polyporus			yes			yes					yes	yes	yes		LC
Bathycongrus thysanochilus			yes			yes					yes	yes			LC
Bathycongrus vicinalis			yes			yes					yes				LC
Bathyroconger vicinus			yes			yes					yes				LC
Conger esculentus	yes	yes				yes	yes				yes	yes			LC
Conger oceanicus	yes	yes	yes			yes	yes						yes		LC
Conger triporiceps	yes	yes				yes	yes								LC
Gnathophis bathytopos			yes			yes					yes		yes		LC
Gnathophis bracheatopos			yes			yes					yes	yes	yes		LC
Heteroconger camelopardalis	yes		yes			yes							yes		LC
Heteroconger longissimus	yes		yes			yes									LC
Heteroconger luteolus	yes		yes			yes						yes	yes		LC
Japonoconger caribbeus			yes			yes					yes	yes	yes		LC
Paraconger caudilimbatus	yes		yes			yes	yes					yes			LC
Parabathymyrus oregoni			yes			yes					yes	yes			LC
Pseudoplichthys splendens			yes			yes					yes				LC
Rhynchoconger flavus			yes			yes									LC
Rhynchoconger gracilior			yes			yes					yes				LC
Rhynchoconger guppyi			yes			yes					yes	yes			LC
Uroconger syringinus			yes			yes					yes				LC
Xenomystax bidentatus			yes			yes					yes				LC
CYNOGLOSSIDAE															
Symphurus arawak	yes		yes			yes	yes		yes			yes			LC
Symphurus billykrietei			yes			yes					yes		yes		LC
Symphurus caribbeanus			yes			yes						yes	yes		LC
Symphurus civitatum			yes			yes						yes	yes		LC
Symphurus diomedeanus	yes		yes			yes	yes								LC
Symphurus hernandezi			yes			yes					yes	yes	?		ND
Symphurus marginatus			yes			yes					yes				LC
Symphurus minor	yes		yes			yes	yes		yes				yes		LC
Symphurus nebulosus			yes			yes					yes		yes		ND
Symphurus ommaspilus	yes		yes			yes	yes		yes			yes			LC
Symphurus parvus			yes			yes						yes			LC
Symphurus pelicanus			yes			yes						yes			LC
Symphurus piger			yes			yes					yes	yes			LC
Symphurus plagiosa	yes		yes			yes							yes		LC
Symphurus plagusia			yes			yes									LC
Symphurus pusillus			yes			yes					yes		yes		LC
Symphurus rhytisma	yes		yes			yes							yes		LC
Symphurus stigmatosus			yes			yes					yes	yes			LC
Symphurus tessellatus			yes			yes									LC
Symphurus urosopilus	yes		yes			yes	yes					yes	yes		LC
DACTYLOPTERIDAE															
Dactylopterus volitans	yes	yes	yes			yes	yes								LC
DACTYLOSCOPIDAE															
Dactylagnus peratikos			yes			yes			yes	yes		yes	yes	yes	DD
Dactyloscopus boehlkei			yes			yes			yes	yes		yes	yes		LC
Dactyloscopus comptus			yes			yes		yes	yes	yes		yes	yes		LC
Dactyloscopus crossotus	yes		yes			yes			yes	yes					LC

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<i>Eucinostomus havana</i>			yes		yes										LC
<i>Eucinostomus jonesii</i>	yes		yes		yes										LC
<i>Eucinostomus lefroyi</i>	yes		yes		yes										LC
<i>Eucinostomus melanopterus</i>	yes		yes		yes										LC
<i>Eugerres awlae</i>			yes		yes							yes			LC
<i>Eugerres brasilianus</i>	yes	yes	yes		yes								yes		LC
<i>Eugerres plumieri</i>	yes		yes		yes							yes			LC
<i>Gerres cinereus</i>	yes	yes	yes		yes										LC
GOBIESOCIDAE															
<i>Acyrtops amplicirrus</i>	yes		yes			yes	yes	yes	yes	yes		yes	yes		LC
<i>Acyrtops beryllinus</i>	yes		yes			yes	yes	yes	yes	yes					LC
<i>Acyrtus artius</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
<i>Acyrtus lanthanum</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
<i>Acyrtus rubiginosus</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
<i>Arcos nudus</i>	yes	yes				yes	yes		yes	yes		yes			LC
<i>Derilissus altifrons</i>	yes	yes	yes			yes	yes	yes	yes	yes	yes	yes	yes		LC
<i>Derilissus kremnobates</i>	yes	yes				yes	yes	yes	yes	yes	yes	yes	?		DD
<i>Derilissus lombardii</i>	yes	yes				yes	yes	yes	yes	yes	yes	yes	yes	yes	DD
<i>Derilissus nanus</i>	yes	yes				yes	yes	yes	yes	yes		yes	?		DD
<i>Derilissus vittiger</i>	yes		yes			yes	yes	yes	yes	yes	yes	yes	?		DD
<i>Gobiesox barbatulus</i>	yes	yes				yes	yes		yes	yes			yes		LC
<i>Gobiesox lucayanus</i>	yes	yes				yes	yes		yes	yes		yes	yes		LC
<i>Gobiesox nigripinnis</i>	yes	yes				yes	yes		yes	yes		yes	yes		LC
<i>Gobiesox punctulatus</i>	yes	yes				yes	yes		yes	yes		yes			LC
<i>Gobiesox strumosus</i>	yes	yes	yes			yes	yes		yes	yes			yes		LC
<i>Gymnoscyphus ascitus</i>	yes	yes	yes			yes	yes	yes	yes	yes	yes	yes			LC
<i>Tomicodon briggsi</i>	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
<i>Tomicodon clarkei</i>	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	DD
<i>Tomicodon cryptus</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
<i>Tomicodon fasciatus</i>	yes	yes	yes			yes	yes	yes	yes	yes		yes			LC
<i>Tomicodon lavettsmithi</i>	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes	yes	DD
<i>Tomicodon leurodiscus</i>	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
<i>Tomicodon reitzae</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
<i>Tomicodon rhabdotus</i>	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
<i>Tomicodon rupestris</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
GOBIIDAE															
<i>Akko dionaea</i>			yes			yes				yes			yes		DD
<i>Antilligobius nikkiae</i>	yes	yes				yes	yes	yes	yes	yes	yes	yes			LC
<i>Barbulifer antennatus</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
<i>Barbulifer ceuthoecus</i>	yes	yes	yes			yes	yes	yes	yes	yes					LC
<i>Bathygobius antilliensis</i>	yes	yes				yes	yes		yes	yes					LC
<i>Bathygobius curacao</i>	yes	yes	yes			yes	yes		yes	yes		yes			LC
<i>Bathygobius geminatus</i>	yes	yes	yes			yes	yes	yes	yes	yes			yes		DD
<i>Bathygobius lacertus</i>	yes	yes	yes			yes	yes		yes	yes		yes			LC
<i>Bathygobius mystacium</i>	yes	yes	yes			yes	yes		yes	yes					LC
<i>Bathygobius soporator</i>	yes	yes	yes			yes	yes			yes					LC
<i>Bollmannia boqueronensis</i>	yes		yes			yes			yes	yes		yes			LC
<i>Bollmannia communis</i>			yes			yes				yes		yes	yes		LC
<i>Bollmannia eigenmanni</i>			yes			yes				yes	yes	yes			LC

Taxamane	Reef Associated	Hard Bottom	Soft Bottom	Pelagic	Demersal	Benthic	Cryptobenthic	max TL ≤5cm	max TL ≤10cm	Core CRFs	Deep	Endemic	Small Range	V small range	Red List
Bollmannia litura			yes			yes			yes	yes		yes	yes		LC
Carrigobius amblyrhynchus	yes		yes			yes	yes	yes	yes	yes		yes	yes	yes	DD
Cerdale floridana	yes	yes				yes	yes		yes	yes		yes			LC
Chriolepis fisheri	yes	yes				yes	yes	yes	yes	yes					LC
Chriolepis roosevelti	yes		yes			yes	yes	yes	yes	yes		yes			LC
Coryphopterus alloides	yes	yes				yes	yes	yes	yes	yes		yes			VU
Coryphopterus curasub	yes	yes	yes			yes	yes	yes	yes	yes	yes	yes	?		DD
Coryphopterus dicrus	yes	yes	yes			yes	yes	yes	yes	yes					LC
Coryphopterus eidolon	yes	yes	yes			yes	yes		yes	yes		yes			VU
Coryphopterus glaucofraenum	yes	yes	yes			yes	yes		yes	yes					LC
Coryphopterus hyalinus	yes	yes			yes			yes	yes	yes		yes			VU
Coryphopterus kuna	yes		yes			yes	yes	yes	yes	yes		yes			DD
Coryphopterus lipernes	yes	yes				yes	yes	yes	yes	yes		yes			VU
Coryphopterus personatus	yes	yes			yes			yes	yes	yes		yes			VU
Coryphopterus punctipectophorus	yes	yes	yes			yes	yes		yes	yes		yes	yes		LC
Coryphopterus thrix	yes	yes	yes			yes	yes	yes	yes	yes					VU
Coryphopterus tortugae	yes	yes	yes			yes	yes		yes	yes		yes			VU
Coryphopterus venezuelae	yes	yes	yes			yes	yes		yes	yes		yes			VU
Cryptopsilotris batrachodes	yes	yes	yes			yes	yes	yes	yes	yes		yes			LC
Ctenogobius boleosoma	yes		yes			yes				yes					LC
Ctenogobius fasciatus			yes			yes			yes	yes		yes			LC
Ctenogobius phenacus			yes			yes		yes	yes	yes			yes		LC
Ctenogobius pseudofasciatus			yes			yes			yes	yes		yes			LC
Ctenogobius saepepallens	yes		yes			yes	yes	yes	yes	yes					LC
Ctenogobius smaragdus			yes			yes				yes					LC
Ctenogobius stigmaticus	yes		yes			yes			yes	yes					LC
Ctenogobius stigmaturus	yes		yes			yes	yes		yes	yes		yes			LC
Elacatinus atronasus	yes	yes			yes			yes	yes	yes		yes	yes	yes	EN
Elacatinus cayman	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	EN
Elacatinus centralis	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	EN
Elacatinus chancei	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Elacatinus colini	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	LC
Elacatinus evelynae	yes	yes				yes	yes	yes	yes	yes		yes			LC
Elacatinus genie	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Elacatinus horsti	yes	yes				yes	yes	yes	yes	yes		yes			LC
Elacatinus illecebrosus	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Elacatinus jarocho	yes	yes			yes			yes	yes	yes		yes	yes	yes	EN
Elacatinus lobeli	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	NT
Elacatinus lori	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	LC
Elacatinus louisae	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Elacatinus oceanops	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Elacatinus prochilos	yes	yes				yes	yes	yes	yes	yes		yes			VU
Elacatinus randalli	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Elacatinus serranilla	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Elacatinus species N	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	ND
Elacatinus species P	yes	yes				yes	yes	yes	yes	yes		yes	yes		ND
Elacatinus tenox	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Elacatinus xanthiprora	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Evermannichthys bicolor	yes	yes				yes	yes	yes	yes	yes		yes	yes		DD

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Evermannichthys convictor	yes	yes				yes	yes	yes	yes	yes		yes	yes		DD
Evermannichthys metzelaari	yes	yes				yes	yes	yes	yes	yes		yes			LC
Evermannichthys silus	yes	yes				yes	yes	yes	yes	yes		yes	yes		DD
Evermannichthys spongicola	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Evorthodus lyricus			yes			yes				yes					LC
Genus 1 species 1	yes	yes				yes	yes	yes	yes	yes	yes		?		ND
Genus 1 species 2	yes	yes				yes	yes	yes	yes	yes	yes		?		ND
Genus 1 species 3	yes	yes				yes	yes	yes	yes	yes	yes		?		ND
Genus 1 species 4	yes	yes				yes	yes	yes	yes	yes	yes		?		ND
Genus 1 species 5	yes	yes				yes	yes	yes	yes	yes	yes		?		ND
Genus 1 species 6	yes	yes				yes	yes	yes	yes	yes	yes		?		ND
Genus 2 species 1	yes	yes				yes	yes	yes	yes	yes	yes		?		ND
Ginsburgellus novemlineatus	yes	yes				yes	yes	yes	yes	yes		yes			LC
Gnatholepis thompsoni	yes	yes	yes			yes	yes		yes	yes					LC
Gobionellus oceanicus			yes			yes				yes					LC
Gobiosoma bosc	yes	yes	yes			yes	yes		yes	yes			yes		LC
Gobiosoma ginsburgi	yes	yes	yes			yes	yes		yes	yes			yes		LC
Gobiosoma grosvenori	yes	yes	yes			yes	yes	yes	yes	yes		yes			LC
Gobiosoma hildebrandi	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes	yes	VU
Gobiosoma longipala	yes		yes			yes	yes	yes	yes	yes		yes	yes		LC
Gobiosoma robustum	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes		LC
Gobiosoma spes	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes		LC
Gobiosoma spilotum	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes		EN
Gobiosoma yucatanum	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes	yes	LC
Gobulus myersi	yes		yes			yes	yes			yes		yes			LC
Lythrypnus crocodilus	yes	yes				yes	yes	yes	yes	yes		yes			LC
Lythrypnus elasson	yes	yes				yes	yes	yes	yes	yes		yes			LC
Lythrypnus heterochroma	yes	yes				yes	yes	yes	yes	yes		yes			LC
Lythrypnus minimus	yes	yes				yes	yes	yes	yes	yes		yes			LC
Lythrypnus mowbrayi	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	LC
Lythrypnus nesiotis	yes	yes				yes	yes	yes	yes	yes		yes			LC
Lythrypnus okapia	yes	yes				yes	yes	yes	yes	yes		yes			LC
Lythrypnus phorellus	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Lythrypnus species 3	yes	yes				yes	yes	yes	yes	yes		yes	yes		ND
Lythrypnus spilus	yes	yes				yes	yes	yes	yes	yes		yes			LC
Microdesmus bahianus	yes	yes				yes	yes		yes	yes		yes			LC
Microdesmus carri			yes			yes			yes	yes		yes	yes		LC
Microdesmus lanceolatus			yes			yes			yes	yes		yes	yes		LC
Microdesmus longipinnis	yes		yes			yes	yes			yes					LC
Microdesmus luscus	yes	yes				yes	yes	yes	yes	yes		yes			DD
Microgobius carri	yes		yes			yes	yes		yes	yes					LC
Microgobius gulosus			yes			yes			yes	yes			yes		LC
Microgobius meeki	yes		yes			yes			yes	yes			yes		LC
Microgobius microlepis	yes		yes			yes	yes	yes	yes	yes		yes	yes		LC
Microgobius signatus	yes		yes			yes	yes		yes	yes		yes			LC
Microgobius thalassinus	yes	yes	yes			yes			yes	yes			yes		LC
Nes longus	yes		yes			yes	yes		yes	yes		yes			LC
Oxyurichthys stigmalophius	yes		yes			yes	yes			yes					LC
Paedovaricus imswe	yes	yes				yes	yes	yes	yes	yes		yes	yes		DD

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Palatogobius grandoculus	yes	yes	yes		yes			yes	yes	yes	yes	yes			LC
Palatogobius incendiarius	yes	yes	yes		yes			yes	yes	yes	yes	yes			LC
Palatogobius paradoxus	yes		yes		yes			yes	yes	yes		yes	yes		LC
Pariah scotius	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Parrella macropteryx			yes			yes			yes	yes					LC
Pinnichthys aimoriensis	yes	yes	yes			yes	yes	yes	yes	yes	yes		yes		ND
Pinnichthys bilix	yes	yes	yes			yes	yes	yes	yes	yes	yes	yes			LC
Pinnichthys prolata	yes	yes	yes			yes	yes	yes	yes	yes	yes	yes	yes		DD
Pinnichthys saurimimica	yes		yes			yes	yes	yes	yes	yes	yes	yes			DD
Priolepis dawsoni	yes	yes	yes			yes	yes	yes	yes	yes			yes		LC
Priolepis hipoliti	yes	yes				yes	yes	yes	yes	yes					LC
Priolepis robsini	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes	yes	LC
Psilotris alepis	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Psilotris boehkei	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes		VU
Psilotris celsa	yes	yes				yes	yes	yes	yes	yes					LC
Psilotris kaufmani	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Psilotris laetarii	yes		yes			yes	yes	yes	yes	yes		yes	yes	yes	DD
Psilotris laurae	yes	yes				yes	yes	yes	yes	yes	yes	yes	?		DD
Psilotris vantasselli	yes	yes				yes	yes	yes	yes	yes		yes			ND
Ptereleotris calliura	yes		yes		yes					yes		yes	yes		LC
Ptereleotris helenae	yes		yes		yes					yes		yes			LC
Ptereleotris randalli	yes		yes		yes					yes			yes		LC
Risor ruber	yes	yes				yes	yes	yes	yes	yes					LC
Robinsichthys arrowsmithensis	yes		yes			yes	yes	yes	yes	yes	yes	yes			DD
Tigrigobius dilepis	yes	yes				yes	yes	yes	yes	yes		yes			LC
Tigrigobius gemmatus	yes	yes				yes	yes	yes	yes	yes		yes			LC
Tigrigobius harveyi	yes	yes				yes	yes	yes	yes	yes		yes	yes		EN
Tigrigobius macrodon	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Tigrigobius multifasciatus	yes	yes				yes	yes	yes	yes	yes		yes			LC
Tigrigobius pallens	yes	yes				yes	yes	yes	yes	yes		yes			LC
Tigrigobius panamensis	yes	yes				yes	yes	yes	yes	yes		yes	yes		DD
Tigrigobius redimiculus	yes	yes				yes	yes	yes	yes	yes		yes	yes		VU
Tigrigobius rubrigenis	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	DD
Tigrigobius saucrus	yes	yes				yes	yes	yes	yes	yes		yes			LC
Tigrigobius zebrellus	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Varicus adamsi	yes	yes	yes			yes	yes		yes	yes	yes	yes			LC
Varicus benthonis	yes	yes				yes	yes	yes	yes	yes	yes	yes	?		DD
Varicus bucca	yes		yes			yes	yes	yes	yes	yes	yes	yes			LC
Varicus cephalocellatus	yes	yes	yes			yes	yes		yes	yes	yes	yes	yes		DD
Varicus decorum	yes	yes	yes			yes	yes		yes	yes	yes	yes			DD
Varicus lacerta	yes	yes				yes	yes	yes	yes	yes	yes	yes			DD
Varicus marilynae	yes		yes			yes	yes	yes	yes	yes	yes	yes	?		DD
Varicus nigrilus	yes	yes				yes	yes	yes	yes	yes	yes	yes	?		DD
Varicus veliguttatus	yes	yes	yes			yes	yes		yes	yes	yes	yes			LC
Varicus vespa	yes	yes				yes	yes	yes	yes	yes	yes	yes	?		LC
Vomerogobius flavus	yes	yes			yes			yes	yes	yes		yes	yes		DD
GRAMMATIDAE															
Gramma dejongi	yes	yes			yes			yes	yes	yes		yes	yes	yes	DD
Gramma linki	yes	yes			yes				yes	yes		yes			LC

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<i>Xyrichtys splendens</i>	yes		yes		yes										LC
Scarinae															
<i>Cryptotomus roseus</i>	yes	yes	yes		yes										LC
<i>Nicholsina usta</i>	yes	yes	yes		yes										LC
<i>Scarus coelestinus</i>	yes	yes			yes							yes			DD
<i>Scarus coeruleus</i>	yes	yes	yes		yes							yes			LC
<i>Scarus guacamaia</i>	yes	yes			yes							yes			NT
<i>Scarus iseri</i>	yes	yes	yes		yes							yes			LC
<i>Scarus taeniopterus</i>	yes	yes	yes		yes							yes			LC
<i>Scarus vetula</i>	yes	yes			yes							yes			LC
<i>Sparisoma atomarium</i>	yes	yes	yes		yes							yes			LC
<i>Sparisoma aurofrenatum</i>	yes	yes	yes		yes							yes			LC
<i>Sparisoma axillare</i>	yes	yes	yes		yes								yes		DD
<i>Sparisoma chrysopterus</i>	yes	yes	yes		yes							yes			LC
<i>Sparisoma griseorubrum</i>	yes	yes	yes		yes							yes	yes	yes	DD
<i>Sparisoma radians</i>	yes	yes	yes		yes										LC
<i>Sparisoma rubripinne</i>	yes	yes	yes		yes							yes			LC
<i>Sparisoma viride</i>	yes	yes	yes		yes							yes			LC
LABRISOMIDAE															
<i>Brockius albigenus</i>	yes	yes				yes	yes		yes	yes		yes			LC
<i>Brockius nigricinctus</i>	yes	yes				yes	yes		yes	yes		yes			LC
<i>Gobioclinus bucciferus</i>	yes	yes	yes			yes	yes		yes	yes		yes			LC
<i>Gobioclinus filamentosus</i>	yes	yes				yes	yes			yes		yes			LC
<i>Gobioclinus gobio</i>	yes	yes	yes			yes	yes		yes	yes					LC
<i>Gobioclinus guppyi</i>	yes	yes	yes			yes	yes			yes		yes			LC
<i>Gobioclinus haitiensis</i>	yes	yes	yes			yes	yes		yes	yes		yes			LC
<i>Gobioclinus kalisherae</i>	yes	yes	yes			yes	yes		yes	yes					LC
<i>Haptoclinus apectolophus</i>	yes	yes				yes	yes	yes	yes	yes	yes	yes	?		DD
<i>Haptoclinus dropi</i>	yes	yes				yes	yes	yes	yes	yes	yes	yes	?		DD
<i>Labrisomus conditus</i>	yes	yes				yes	yes			yes					LC
<i>Labrisomus cricota</i>	yes	yes				yes	yes			yes					LC
<i>Labrisomus nuchipinnis</i>	yes	yes				yes	yes			yes					LC
<i>Malacoctenus aurolineatus</i>	yes	yes	yes			yes	yes		yes	yes		yes			LC
<i>Malacoctenus boehlkei</i>	yes	yes				yes	yes		yes	yes		yes			LC
<i>Malacoctenus delalandii</i>	yes	yes	yes			yes	yes		yes	yes					LC
<i>Malacoctenus erdmani</i>	yes	yes	yes			yes	yes	yes	yes	yes		yes			LC
<i>Malacoctenus gilli</i>	yes	yes	yes			yes	yes		yes	yes		yes			LC
<i>Malacoctenus macropus</i>	yes	yes	yes			yes	yes		yes	yes		yes			LC
<i>Malacoctenus triangulatus</i>	yes	yes				yes	yes		yes	yes		yes			LC
<i>Malacoctenus versicolor</i>	yes	yes	yes			yes	yes		yes	yes		yes			LC
<i>Nemaclinus atelestos</i>	yes		yes			yes	yes	yes	yes	yes		yes			LC
<i>Paraclinus barbatus</i>	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
<i>Paraclinus cingulatus</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
<i>Paraclinus fasciatus</i>	yes	yes	yes			yes	yes		yes	yes		yes			LC
<i>Paraclinus grandicomis</i>	yes	yes	yes			yes	yes	yes	yes	yes		yes			LC
<i>Paraclinus infrons</i>	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
<i>Paraclinus marmoratus</i>	yes	yes	yes			yes	yes		yes	yes		yes			LC
<i>Paraclinus naeorhegmis</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
<i>Paraclinus nigripinnis</i>	yes	yes	yes			yes	yes	yes	yes	yes		yes			LC

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Starksia atlantica	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia culebrae	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia elongata	yes	yes				yes	yes	yes	yes	yes		yes			LC
Starksia fasciata	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia greenfieldi	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia guttata	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia hassi	yes	yes				yes	yes	yes	yes	yes		yes			LC
Starksia langi	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia lepicoelia	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia leucovitta	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes		DD
Starksia melasma	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia nanodes	yes	yes				yes	yes	yes	yes	yes		yes			LC
Starksia occidentalis	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes		LC
Starksia ocellata	yes	yes				yes	yes		yes	yes		yes	yes		LC
Starksia rava	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes	yes	LC
Starksia robertsoni	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia sangreyae	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia sella	yes	yes				yes	yes	yes	yes	yes		yes	yes		DD
Starksia sluiteri	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia smithvanizi	yes	yes	yes			yes	yes	yes	yes	yes		yes	yes		LC
Starksia species A	yes	yes				yes	yes	yes	yes	yes		yes	yes		ND
Starksia species B	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	ND
Starksia splendens	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	DD
Starksia springeri	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	DD
Starksia starcki	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia variabilis	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	DD
Starksia weigti	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	LC
Starksia williamsi	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Starksia y-lineata	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	DD
Stathmonotus gymnodermis	yes	yes				yes	yes	yes	yes	yes		yes			LC
Stathmonotus hemphillii	yes	yes				yes	yes	yes	yes	yes		yes			LC
Stathmonotus stahli	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Stathmonotus tekla	yes	yes				yes	yes	yes	yes	yes		yes			LC
LOBOTIDAE															
Lobotes surinamensis	yes	yes	yes		yes										LC
LUTJANIDAE															
Apsilus dentatus	yes	yes	yes		yes						yes	yes			LC
Etelis oculatus	yes	yes			yes						yes				DD
Lutjanus analis	yes	yes	yes		yes										NT
Lutjanus apodus	yes	yes	yes		yes							yes			LC
Lutjanus buccanella	yes	yes	yes		yes										DD
Lutjanus campechanus	yes	yes	yes		yes								yes		VU
Lutjanus cyanopterus	yes	yes	yes		yes										VU
Lutjanus griseus	yes	yes	yes		yes										LC
Lutjanus jocu	yes	yes	yes		yes										DD
Lutjanus mahogoni	yes	yes	yes		yes							yes			LC
Lutjanus purpureus	yes	yes	yes		yes										ND
Lutjanus synagris	yes	yes	yes		yes										NT
Lutjanus vivanus	yes	yes	yes		yes						yes				LC

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<i>Ocyurus chrysurus</i>	yes	yes	yes		yes										DD
<i>Pristipomoides aquilonaris</i>	yes	yes	yes		yes						yes				LC
<i>Pristipomoides freemani</i>	yes	yes	yes		yes						yes		yes		LC
<i>Pristipomoides macrophthalmus</i>	yes	yes	yes		yes						yes	yes			LC
<i>Rhomboplites aurorubens</i>	yes	yes	yes		yes										VU
MALACANTHIDAE															
<i>Caulolatilus bermudensis</i>			yes		yes						yes	yes	yes	yes	ND
<i>Caulolatilus chrysops</i>	yes		yes		yes						yes				LC
<i>Caulolatilus cyanops</i>			yes		yes						yes				LC
<i>Caulolatilus dooleyi</i>			yes		yes						yes	yes	yes		DD
<i>Caulolatilus guppyi</i>			yes		yes						yes		yes		LC
<i>Caulolatilus intermedius</i>			yes		yes						yes	yes	yes		LC
<i>Caulolatilus microps</i>	yes	yes	yes		yes						yes		yes		DD
<i>Caulolatilus williamsi</i>			yes		yes						yes	yes			DD
<i>Lopholatilus chamaeleonticeps</i>	yes		yes		yes						yes		yes		EN
<i>Malacanthus plumieri</i>	yes		yes		yes										LC
MEGALOPIDAE															
<i>Megalops atlanticus</i>	yes			yes											VU
MONACANTHIDAE															
<i>Aluterus heudelotii</i>	yes		yes		yes										LC
<i>Aluterus monoceros</i>	yes	yes	yes		yes										LC
<i>Aluterus schoepfii</i>	yes	yes	yes		yes										LC
<i>Aluterus scriptus</i>	yes	yes			yes										LC
<i>Cantherhines macrocerus</i>	yes	yes			yes										LC
<i>Cantherhines pullus</i>	yes	yes			yes										LC
<i>Monacanthus ciliatus</i>	yes	yes	yes			yes	yes								LC
<i>Monacanthus tuckeri</i>	yes	yes	yes			yes	yes	yes	yes			yes			LC
<i>Stephanolepis hispidus</i>	yes		yes		yes										LC
<i>Stephanolepis setifer</i>	yes		yes			yes	yes								LC
MORINGUIDAE															
<i>Moringua edwardsi</i>	yes		yes			yes	yes								LC
<i>Neoconger mucronatus</i>			yes			yes									LC
MORONIDAE															
<i>Morone saxatilis</i>	yes	yes	yes		yes								yes		LC
MUGILIDAE															
<i>Mugil cephalus</i>	yes		yes		yes								yes		LC
<i>Mugil curema</i>	yes	yes	yes		yes										LC
<i>Mugil incilis</i>			yes		yes								yes		LC
<i>Mugil liza</i>	yes	yes	yes		yes										DD
<i>Mugil longicauda</i>			yes		yes							yes	yes		ND
<i>Mugil margaritae</i>			yes		yes							yes	yes		DD
<i>Mugil rubrioculus</i>	yes	yes	yes		yes										LC
<i>Mugil trichodon</i>			yes		yes							yes			LC
MULLIDAE															
<i>Mulloidichthys martinicus</i>	yes	yes	yes		yes										LC
<i>Mullus auratus</i>			yes		yes										LC
<i>Pseudupeneus maculatus</i>	yes	yes	yes		yes										LC
<i>Upeneus parvus</i>	yes		yes		yes										LC
MURAENIDAE															

Taxaname	Reef Associated	Hard Bottom	Soft Bottom	Pelagic	Demersal	Benthic	Cryptobenthic	max TL ≤5cm	max TL ≤10cm	Core CRFs	Deep	Endemic	Small Range	V small range	Red List
Anarchias similis	yes	yes				yes	yes					yes			LC
Channomuraena vittata	yes	yes				yes	yes						yes		LC
Echidna catenata	yes	yes				yes	yes								LC
Enchelycore carychroa	yes	yes				yes	yes								LC
Enchelycore nigricans	yes	yes				yes	yes								LC
Gymnothorax conspersus	yes		yes			yes					yes				LC
Gymnothorax funebris	yes	yes	yes			yes	yes								LC
Gymnothorax hubbsi	yes		yes			yes					yes	yes	yes		LC
Gymnothorax kolpos			yes			yes					yes	yes	yes		LC
Gymnothorax maderensis	yes	yes	yes			yes	yes				yes				LC
Gymnothorax miliaris	yes	yes				yes	yes								LC
Gymnothorax moringa	yes	yes	yes			yes	yes								LC
Gymnothorax nigromarginatus	yes		yes			yes	yes					yes			LC
Gymnothorax ocellatus	yes	yes	yes			yes									LC
Gymnothorax polygonius	yes	yes	yes			yes	yes				yes				LC
Gymnothorax saxicola			yes			yes							yes		LC
Gymnothorax vicinus	yes	yes	yes			yes	yes								LC
Monopenchelys acuta	yes	yes				yes	yes								LC
Muraena retifera	yes	yes	yes			yes	yes						yes		LC
Uropterygius macularius	yes	yes				yes	yes								LC
MURAENOSOCIDAE															
Cynoponticus savanna	yes		yes			yes	yes								LC
OGCOEPHALIDAE															
Dibranchius atlanticus	yes		yes			yes					yes				LC
Halieutichthys aculeatus	yes		yes			yes							yes		LC
Halieutichthys bispinosus			yes			yes							yes		LC
Halieutichthys caribbaeus			yes			yes					yes				LC
Halieutichthys intermedius			yes			yes						yes	yes		LC
Malthopsis gnoma			yes			yes					yes	yes			LC
Ogcocephalus corniger			yes			yes						yes			LC
Ogcocephalus cubifrons	yes		yes			yes	yes					yes	yes		LC
Ogcocephalus declivirostris			yes			yes							yes		LC
Ogcocephalus nasutus	yes		yes			yes									LC
Ogcocephalus notatus	yes		yes			yes							yes		LC
Ogcocephalus pantostictus			yes			yes						yes	yes		LC
Ogcocephalus parvus	yes		yes			yes			yes						LC
Ogcocephalus pumilus			yes			yes					yes				LC
Ogcocephalus rostellum	yes	yes	yes			yes	yes						yes		LC
Zalieutes mcgintyi			yes			yes					yes				LC
OPHICHTHIDAE															
Ahlia egmontis	yes		yes			yes	yes								LC
Aplatophis chauliodus			yes			yes									LC
Aprognathodon platyventris	yes		yes			yes	yes					yes			LC
Apterichtus ansp			yes			yes							yes		LC
Apterichtus kendalli			yes			yes					yes				LC
Bascanichthys bascanium			yes			yes							yes		LC
Bascanichthys gaira			yes			yes						yes	yes		ND
Bascanichthys inopinatus			yes			yes					yes	yes	?		DD
Bascanichthys scuticaris	yes		yes			yes	yes					yes	yes		LC

Taxaname	Reef Associated	Hard Bottom	Soft Bottom	Pelagic	Demersal	Benthic	Cryptobenthic	max TL ≤5cm	max TL ≤10cm	Core CRFs	Deep	Endemic	Small Range	V small range	Red List
Callechelys bilinearis	yes		yes			yes									LC
Callechelys guineensis			yes			yes									LC
Callechelys muraena			yes			yes						yes	yes		LC
Callechelys springeri			yes			yes									DD
Caralophia loxochila	yes		yes			yes									LC
Echiophis intertinctus	yes		yes			yes									LC
Echiophis punctifer	yes		yes			yes	yes								LC
Ethadophis akkistikos			yes			yes							yes		LC
Gordiichthys ergodes			yes			yes					yes	yes			DD
Gordiichthys irretitus			yes			yes					yes	yes			LC
Gordiichthys leiby			yes			yes							yes		LC
Gordiichthys randalli			yes			yes						yes			LC
Hyphalophis devius			yes			yes					yes	yes	?		ND
Ichthyapus ophioneus	yes	yes	yes			yes	yes								LC
Letharchus velifer			yes			yes						yes	yes		LC
Lethogoleos andersoni			yes			yes					yes	yes	?		ND
Mixomyrophis pusillipinna			yes			yes					yes	yes	?		ND
Myrichthys breviceps	yes	yes	yes			yes	yes								LC
Myrichthys ocellatus	yes	yes	yes			yes	yes								LC
Myrophis anterodorsalis	yes		yes			yes						yes			LC
Myrophis platyrhynchus	yes		yes			yes	yes								LC
Myrophis plumbeus			yes			yes							yes		LC
Myrophis punctatus	yes		yes			yes									LC
Ophichthus cruentifer			yes			yes					yes				ND
Ophichthus cylindroideus			yes			yes							yes		LC
Ophichthus gomesii	yes		yes			yes	yes								LC
Ophichthus hyposagmatus			yes			yes					yes	yes			LC
Ophichthus melanoporus			yes			yes					yes	yes	yes		LC
Ophichthus menezesi			yes			yes					yes				ND
Ophichthus omorgmus			yes			yes					yes	yes	yes		ND
Ophichthus ophis	yes		yes			yes	yes								LC
Ophichthus puncticeps			yes			yes									LC
Ophichthus rex			yes			yes						yes	yes		LC
Ophichthus spinicauda	yes		yes			yes	yes				yes	yes			LC
Phaenomonas longissima			yes			yes							yes		LC
Pseudomyrophis frio			yes			yes					yes				LC
Pseudomyrophis fugesae			yes			yes					yes				LC
Pseudomyrophis nimius			yes			yes					yes		yes		LC
Quassiremus ascensionis	yes		yes			yes	yes								LC
OPHIDIIDAE															
Brotula barbata	yes	yes	yes			yes									LC
Lepophidium aporrhox			yes			yes					yes	yes	yes		LC
Lepophidium breviarbe			yes			yes									LC
Lepophidium collettei			yes			yes							yes		LC
Lepophidium crossotum			yes			yes					yes	yes	yes		LC
Lepophidium cultratum			yes			yes					yes		yes		LC
Lepophidium entomelan			yes			yes					yes	yes			LC
Lepophidium gilmorei			yes			yes					yes	yes			LC
Lepophidium jeannae			yes			yes						yes	yes		LC

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Lepophidium kallion			yes			yes					yes	yes			LC
Lepophidium marmoratum			yes			yes					yes	yes	yes		LC
Lepophidium pheromystax			yes			yes							yes		LC
Lepophidium profundorum			yes			yes							yes		LC
Lepophidium robustum			yes			yes					yes	yes	yes		LC
Lepophidium staurophor			yes			yes					yes	yes			LC
Lepophidium wileyi			yes			yes					yes	yes			LC
Lepophidium zophochir			yes			yes					yes	yes	yes		LC
Monomitopus agassizii			yes			yes					yes	yes			LC
Neobythites elongatus			yes			yes					yes	yes			LC
Neobythites gilli			yes			yes					yes	yes	yes		LC
Neobythites marginatus			yes			yes					yes	yes			LC
Neobythites monocellatus			yes			yes					yes	yes			LC
Neobythites multidigitatus			yes			yes					yes	yes			DD
Neobythites multiocellatus			yes			yes					yes	yes			LC
Neobythites unicolor			yes			yes					yes	yes			LC
Ophidion antipholum			yes			yes						yes			LC
Ophidion dromio			yes			yes					yes	yes			LC
Ophidion grayi			yes			yes						yes	yes		LC
Ophidion guianense			yes			yes							yes		LC
Ophidion holbrookii	yes		yes			yes	yes								LC
Ophidion josephi			yes			yes							yes		LC
Ophidion lagochila	yes		yes			yes	yes		yes			yes	yes		LC
Ophidion marginatum			yes			yes							yes		LC
Ophidion nocomis			yes			yes						yes	yes		LC
Ophidion selenops			yes			yes							yes		LC
Otophidium chickcharney	yes		yes			yes	yes					yes	yes		LC
Otophidium dormitator	yes		yes			yes	yes		yes			yes	yes		LC
Otophidium omostigma			yes			yes						yes			LC
Parophidion schmidti	yes	yes	yes			yes	yes		yes			yes			LC
Petrotyx sanguineus	yes	yes				yes	yes					yes			LC
OPISTOGNATHIDAE															
Anoptoplacus pygmaeus			yes			yes				yes	yes	yes	?		ND
Lonchopisthus ancistrus			yes			yes				yes	yes	yes	?		DD
Lonchopisthus higmani			yes			yes				yes			yes		LC
Lonchopisthus lemur	yes		yes			yes				yes	yes				LC
Lonchopisthus micrognathus			yes			yes				yes		yes			LC
Opistognathus aurifrons	yes		yes		yes					yes		yes			LC
Opistognathus gilberti	yes		yes			yes	yes		yes	yes		yes	yes		LC
Opistognathus leprocarus	yes		yes			yes	yes		yes	yes	yes	yes	yes		LC
Opistognathus lonchurus	yes		yes			yes	yes			yes					LC
Opistognathus macrognathus	yes		yes			yes	yes			yes		yes			LC
Opistognathus maxillosus	yes		yes			yes	yes			yes		yes			LC
Opistognathus megalepis			yes			yes			yes	yes	yes	yes			LC
Opistognathus melachasme	yes		yes			yes	yes		yes	yes	yes	yes			LC
Opistognathus nothus	yes		yes			yes	yes		yes	yes	yes		yes		LC
Opistognathus robinsi	yes		yes			yes	yes			yes			yes		LC
Opistognathus schrieri	yes		yes			yes	yes		yes	yes	yes	yes			DD
Opistognathus signatus	yes		yes			yes	yes		yes	yes		yes	yes		LC

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POMACANTHIDAE															
Centropyge argi	yes	yes	yes		yes			yes	yes			yes			LC
Centropyge aurantonotus	yes	yes	yes		yes			yes	yes				yes		LC
Holacanthus bermudensis	yes	yes			yes							yes			LC
Holacanthus ciliaris	yes	yes			yes										LC
Holacanthus tricolor	yes	yes			yes										LC
Pomacanthus arcuatus	yes	yes	yes		yes										LC
Pomacanthus paru	yes	yes	yes		yes										LC
POMACENTRIDAE															
Abudefduf saxatilis	yes	yes			yes										LC
Abudefduf taurus	yes	yes			yes										LC
Chromis bermudae	yes	yes			yes				yes		yes	yes	yes	yes	LC
Chromis cyanea	yes	yes			yes							yes			LC
Chromis enchrysurus	yes	yes			yes				yes			yes	yes		LC
Chromis cf enchrysurus	yes	yes			yes				yes		yes				ND
Chromis insolata	yes	yes			yes							yes			LC
Chromis multilineata	yes	yes			yes										LC
Chromis scotti	yes	yes			yes				yes						LC
Microspathodon chrysurus	yes	yes			yes										LC
Stegastes adustus	yes	yes			yes							yes			LC
Stegastes diencaeus	yes	yes			yes							yes			LC
Stegastes leucostictus	yes	yes	yes		yes							yes			LC
Stegastes partitus	yes	yes			yes				yes			yes			LC
Stegastes planifrons	yes	yes			yes							yes			LC
Stegastes xanthurus	yes	yes			yes							yes			LC
POMATOMIDAE															
Pomatomus saltatrix	yes			yes											VU
PRIACANTHIDAE															
Cookeolus japonicus	yes	yes			yes						yes				LC
Heteropriacanthus cruentatus	yes	yes			yes										LC
Priacanthus arenatus	yes	yes			yes										LC
Pristigenys alta	yes	yes			yes										LC
RACHYCENTRIDAE															
Rachycentron canadum	yes			yes											LC
SCIAENIDAE															
Bairdiella chrysoura			yes		yes								yes		LC
Bairdiella ronchus			yes		yes							yes			LC
Corvula batavana	yes	yes	yes		yes							yes			LC
Corvula sanctaeluciaie	yes		yes		yes							yes			LC
Ctenosciaena gracilicirrhus			yes		yes								yes		LC
Cynoscion acoupa			yes		yes								yes		LC
Cynoscion arenarius			yes		yes							yes	yes		LC
Cynoscion jamaicensis			yes		yes								yes		LC
Cynoscion leiarchus			yes		yes								yes		LC
Cynoscion microlepidotus			yes		yes								yes		LC
Cynoscion nebulosus			yes		yes								yes		LC
Cynoscion nothus			yes		yes								yes		LC
Cynoscion regalis			yes		yes								yes		EN
Cynoscion similis			yes		yes								yes		LC

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<i>Euthynnus alletteratus</i>	yes			yes											LC
<i>Katsuwonus pelamis</i>				yes											LC
<i>Sarda sarda</i>				yes											LC
<i>Scomber colias</i>	yes			yes											LC
<i>Scomberomorus brasiliensis</i>	yes			yes									yes		LC
<i>Scomberomorus cavalla</i>	yes			yes											LC
<i>Scomberomorus maculatus</i>	yes			yes									yes		LC
<i>Scomberomorus regalis</i>	yes			yes											LC
<i>Thunnus alalunga</i>				yes											NT
<i>Thunnus albacares</i>				yes											NT
<i>Thunnus atlanticus</i>				yes											LC
<i>Thunnus obesus</i>				yes											VU
<i>Thunnus thynnus</i>				yes											EN
SCORPAENIDAE															
<i>Idiastion kyphos</i>	yes	yes	yes			yes					yes				LC
<i>Neomerinthe beanorum</i>	yes	yes	yes			yes					yes	yes			LC
<i>Neomerinthe hemingwayi</i>	yes	yes	yes			yes					yes		yes		LC
<i>Phenacoscorpius nebris</i>	yes	yes	yes			yes	yes		yes		yes				LC
<i>Pontinus castor</i>	yes	yes	yes			yes	yes				yes	yes			LC
<i>Pontinus helena</i>	yes	yes	yes			yes	yes				yes		yes		DD
<i>Pontinus longispinis</i>	yes	yes	yes			yes	yes				yes				LC
<i>Pontinus nematophthalmus</i>	yes	yes	yes			yes	yes				yes				LC
<i>Pontinus rathbuni</i>	yes	yes	yes			yes	yes				yes				LC
<i>Scorpaena agassizii</i>	yes		yes			yes	yes				yes				LC
<i>Scorpaena albifimbria</i>	yes	yes	yes			yes	yes		yes			yes			LC
<i>Scorpaena bergii</i>	yes	yes	yes			yes	yes		yes			yes			LC
<i>Scorpaena brachyptera</i>	yes	yes	yes			yes	yes		yes		yes	yes	yes		LC
<i>Scorpaena brasiliensis</i>	yes	yes	yes			yes	yes								LC
<i>Scorpaena calcarata</i>	yes		yes			yes	yes								LC
<i>Scorpaena dispar</i>	yes	yes	yes			yes	yes				yes				LC
<i>Scorpaena elachys</i>	yes	yes	yes			yes	yes		yes			yes			LC
<i>Scorpaena grandicornis</i>	yes		yes			yes	yes								LC
<i>Scorpaena inermis</i>	yes	yes	yes			yes	yes								LC
<i>Scorpaena isthmensis</i>	yes	yes	yes			yes	yes								LC
<i>Scorpaena plumieri</i>	yes	yes	yes			yes	yes								LC
<i>Scorpaenodes barrybrowni</i>	yes	yes				yes	yes		yes		yes	yes	?		LC
<i>Scorpaenodes caribbaeus</i>	yes	yes				yes	yes								LC
<i>Scorpaenodes tredecimspinosus</i>	yes	yes				yes	yes		yes						LC
SERRANIDAE															
<i>Alphesthes afer</i>	yes	yes	yes			yes	yes								LC
<i>Anthias asperilinguis</i>	yes	yes			yes						yes				LC
<i>Anthias hensleyi</i>	yes	yes			yes						yes	yes	?		ND
<i>Anthias nicholsi</i>	yes	yes			yes						yes				LC
<i>Anthias woodsi</i>	yes	yes			yes						yes		yes		LC
<i>Baldwinella aureorubens</i>	yes	yes			yes						yes				LC
<i>Baldwinella vivanus</i>	yes	yes			yes						yes				LC
<i>Baldwinella cf vivanus</i>	yes	yes			yes						yes				ND
<i>Bathyanthias cubensis</i>			yes		yes						yes	yes			LC
<i>Bathyanthias mexicanus</i>			yes		yes							yes	yes		LC

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Bathyanthias species A	yes		yes		yes				yes		yes	yes	yes		ND
Bullisichthys caribbaeus	yes	yes			yes				yes		yes	yes			LC
Centropristis ocyurus	yes	yes	yes		yes								yes		LC
Centropristis philadelphica	yes	yes	yes		yes								yes		LC
Centropristis striata	yes	yes			yes								yes		LC
Cephalopholis cruentata	yes	yes	yes		yes							yes			LC
Cephalopholis fulva	yes	yes			yes										LC
Choranthias tenuis	yes	yes			yes						yes	yes			LC
Dermatolepis inermis	yes	yes			yes										DD
Diplectrum bivittatum	yes		yes		yes										LC
Diplectrum formosum	yes		yes		yes										LC
Diplectrum radiale	yes		yes		yes								yes		LC
Epinephelus adscensionis	yes	yes			yes										LC
Epinephelus guttatus	yes	yes			yes										LC
Epinephelus itajara	yes	yes	yes		yes										VU
Epinephelus morio	yes	yes	yes		yes										VU
Epinephelus striatus	yes	yes	yes		yes							yes			CR
Gonioplectrus hispanus	yes	yes			yes						yes				LC
Hemanthias leptus	yes	yes			yes							yes			LC
Hypoplectrus aberrans	yes	yes			yes							yes			LC
Hypoplectrus atahua	yes	yes			yes							yes	yes	yes	DD
Hypoplectrus castroaguirrei	yes	yes			yes							yes	yes	yes	EN
Hypoplectrus chlorurus	yes	yes			yes							yes			LC
Hypoplectrus ecosur	yes	yes			yes							yes			DD
Hypoplectrus floridae	yes	yes			yes							yes	yes	yes	LC
Hypoplectrus gemma	yes	yes			yes							yes	yes		LC
Hypoplectrus gummigutta	yes	yes			yes							yes			LC
Hypoplectrus guttavarius	yes	yes			yes							yes			LC
Hypoplectrus indigo	yes	yes			yes							yes			LC
Hypoplectrus liberte	yes	yes			yes							yes	yes	yes	ND
Hypoplectrus maculiferus	yes	yes			yes							yes			DD
Hypoplectrus maya	yes	yes	yes		yes							yes	yes	yes	EN
Hypoplectrus nigricans	yes	yes			yes							yes			LC
Hypoplectrus providencianus	yes	yes			yes							yes			LC
Hypoplectrus puella	yes	yes	yes		yes							yes			LC
Hypoplectrus randallorum	yes	yes			yes							yes			LC
Hypoplectrus species 1	yes	yes			yes							yes			ND
Hypoplectrus unicolor	yes	yes			yes							yes			LC
Hyporthodus drummondhayi	yes	yes			yes							yes	yes		LC
Hyporthodus flavolimbatus	yes	yes	yes		yes						yes				VU
Hyporthodus mystacinus	yes	yes	yes		yes						yes				LC
Hyporthodus nigritus	yes	yes			yes						yes				NT
Hyporthodus niveatus	yes	yes			yes						yes				VU
Jeboehlkia gladifer	yes	yes				yes	yes		yes		yes	yes			LC
Liopropoma aberrans	yes	yes				yes					yes	yes			LC
Liopropoma carmabi	yes	yes				yes	yes	yes	yes			yes			LC
Liopropoma eukrines	yes	yes				yes	yes					yes	yes		LC
Liopropoma mowbrayi	yes	yes				yes	yes		yes			yes			LC
Liopropoma olneyi	yes	yes				yes					yes	yes			DD

Taxamane	Reef Associated	Hard Bottom	Soft Bottom	Pelagic	Demersal	Benthic	Cryptobenthic	max TL ≤5cm	max TL ≤10cm	Core CRFs	Deep	Endemic	Small Range	V small range	Red List
Liopropoma rubre	yes	yes				yes	yes		yes			yes			LC
Liopropoma santi	yes	yes				yes					yes	yes	yes		DD
Mycteroperca acutirostris	yes	yes	yes		yes										LC
Mycteroperca bonaci	yes	yes	yes		yes										NT
Mycteroperca cidii	yes	yes	yes		yes							yes	yes		DD
Mycteroperca interstitialis	yes	yes	yes		yes										VU
Mycteroperca microlepis	yes	yes	yes		yes							yes	yes		VU
Mycteroperca phenax	yes	yes	yes		yes										DD
Mycteroperca tigris	yes	yes			yes										DD
Mycteroperca venenosa	yes	yes	yes		yes										NT
Paralabrax dewegeri	yes	yes	yes		yes								yes		LC
Paranthias furcifer	yes	yes			yes										LC
Parasphyraenops atrimanus	yes	yes			yes			yes				yes	yes		LC
Parasphyraenops incisus	yes	yes			yes			yes							LC
Plectranthias garrupellus	yes	yes	yes			yes	yes	yes			yes	yes			LC
Plectranthias species A	yes	yes	yes			yes	yes	yes			yes	yes	yes		ND
Pronotogrammus martinicensis	yes	yes			yes						yes				LC
Pseudogramma gregoryi	yes	yes	yes			yes	yes	yes							LC
Rypticus bistrispinus	yes	yes	yes			yes	yes								LC
Rypticus bornoi	yes	yes	yes			yes	yes	yes				yes			LC
Rypticus carpenteri	yes	yes				yes	yes	yes				yes			LC
Rypticus maculatus	yes	yes				yes	yes					yes	yes		LC
Rypticus randalli	yes	yes	yes			yes	yes								LC
Rypticus saponaceus	yes	yes	yes			yes	yes								LC
Rypticus subbifrenatus	yes	yes				yes	yes								LC
Schultzea beta	yes	yes	yes		yes							yes			LC
Serraniculus pumilio	yes	yes	yes			yes		yes							LC
Serranus annularis	yes	yes	yes			yes	yes	yes							LC
Serranus atrobranchus	yes		yes			yes									LC
Serranus baldwini	yes	yes	yes			yes	yes	yes				yes			LC
Serranus chionaraia	yes	yes	yes			yes	yes	yes							LC
Serranus flaviventris	yes	yes	yes			yes		yes							LC
Serranus fuscula	yes	yes	yes		yes						yes				LC
Serranus luciopercanus	yes	yes			yes						yes	yes			LC
Serranus maytagi	yes		yes		yes						yes	yes			LC
Serranus notospilus	yes	yes	yes		yes							yes			LC
Serranus phoebe	yes	yes	yes		yes						yes				LC
Serranus subligarius	yes	yes	yes			yes	yes	yes					yes		LC
Serranus tabacarius	yes		yes		yes										LC
Serranus tigrinus	yes	yes	yes		yes							yes			LC
Serranus tortugarum	yes	yes	yes		yes			yes				yes			LC
SPARIDAE															
Archosargus probatocephalus	yes	yes	yes		yes										LC
Archosargus rhomboidalis	yes		yes		yes										LC
Calamus arctifrons	yes	yes	yes		yes							yes	yes		LC
Calamus bajonado	yes	yes	yes		yes										LC
Calamus calamus	yes	yes	yes		yes										LC
Calamus campechanus			yes		yes							yes	yes		DD
Calamus cervigoni			yes		yes							yes	yes		LC

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Calamus leucosteus	yes	yes	yes		yes							yes	yes		LC
Calamus nodosus	yes	yes	yes		yes							yes	yes		LC
Calamus penna	yes	yes	yes		yes										LC
Calamus pennatula	yes	yes	yes		yes										LC
Calamus proridens	yes	yes	yes		yes							yes			LC
Diplodus argenteus caudimacula	yes	yes			yes							yes			LC
Diplodus bermudensis	yes	yes			yes							yes	yes	yes	LC
Diplodus holbrookii	yes	yes	yes		yes								yes		LC
Lagodon rhomboides	yes	yes	yes		yes										LC
Pagrus pagrus	yes	yes	yes		yes										LC
Stenotomus caprinus			yes		yes							yes	yes		LC
Stenotomus chrysops	yes	yes	yes		yes								yes		NT
SPHYRAENIDAE															
Sphyraena barracuda	yes			yes											LC
Sphyraena borealis	yes			yes											LC
Sphyraena guachancho	yes			yes											LC
SYNGNATHIDAE															
Amphelikturus dendriticus	yes	yes	yes			yes	yes		yes	yes					LC
Anarchopterus criniger	yes		yes			yes	yes		yes	yes		yes	yes		LC
Anarchopterus tectus	yes		yes			yes	yes			yes					LC
Bryx dunckeri	yes		yes			yes	yes			yes	yes				LC
Bryx randalli	yes	yes	yes			yes	yes			yes	yes	yes			LC
Cosmocampus albirostris	yes	yes	yes			yes	yes			yes					LC
Cosmocampus brachycephalus	yes		yes			yes	yes			yes		yes			LC
Cosmocampus elucens	yes	yes	yes			yes	yes			yes					LC
Cosmocampus hildebrandi	yes	yes	yes			yes	yes		yes	yes			yes		LC
Cosmocampus profundus	yes	yes	yes			yes	yes			yes	yes	yes			DD
Halicampus crinitus	yes	yes	yes			yes	yes			yes					LC
Hippocampus erectus	yes	yes	yes			yes	yes			yes					VU
Hippocampus reidi	yes	yes	yes			yes	yes			yes		yes			NT
Hippocampus zosterae			yes			yes		yes	yes	yes		yes	yes		LC
Micrognathus erugatus	yes	yes	yes			yes	yes			yes			yes		DD
Minyichthys inusitatus				yes?		yes				yes	yes				DD
Penetopteryx nanus	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Syngnathus caribbaeus	yes		yes			yes	yes			yes		yes			LC
Syngnathus dawsoni			yes			yes				yes		yes	yes		DD
Syngnathus floridae			yes			yes				yes					LC
Syngnathus fuscus			yes			yes				yes			yes		LC
Syngnathus louisianae	yes		yes			yes	yes			yes			yes		DD
Syngnathus makaxi	yes		yes			yes	yes		yes	yes		yes	yes	yes	DD
Syngnathus pelagicus				yes						yes					LC
Syngnathus scovelli			yes			yes				yes					LC
Syngnathus springeri	yes		yes			yes	yes			yes			yes		LC
Syngnathus texanus			yes			yes				yes		yes	yes	yes	ND
SYNODONTIDAE															
Saurida brasiliensis			yes			yes					yes				LC
Saurida caribbaea			yes			yes					yes	yes			LC
Saurida normani			yes			yes					yes				LC
Saurida suspicio			yes			yes					yes	yes			LC

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<i>Synodus bondi</i>	yes		yes			yes									LC
<i>Synodus foetens</i>	yes		yes			yes	yes								LC
<i>Synodus intermedius</i>	yes	yes	yes			yes	yes								LC
<i>Synodus macrostigmus</i>			yes			yes	yes				yes	yes			LC
<i>Synodus poeyi</i>	yes		yes			yes	yes								LC
<i>Synodus saurus</i>	yes		yes			yes	yes								LC
<i>Synodus synodus</i>	yes	yes	yes			yes	yes								LC
<i>Trachinocephalus myops</i>	yes		yes			yes	yes								LC
TETRAODONTIDAE															
<i>Canthigaster figueiredoi</i>	yes	yes			yes								yes		LC
<i>Canthigaster jamestyeri</i>	yes	yes			yes			yes				yes			LC
<i>Canthigaster rostrata</i>	yes	yes	yes		yes							yes			LC
<i>Lagocephalus laevigatus</i>	yes		yes		yes										LC
<i>Lagocephalus lagocephalus</i>				yes											LC
<i>Sphoeroides dorsalis</i>	yes		yes		yes							yes			LC
<i>Sphoeroides georgemilleri</i>			yes		yes							yes	yes	yes	DD
<i>Sphoeroides greeleyi</i>	yes	yes	yes		yes										LC
<i>Sphoeroides maculatus</i>	yes		yes		yes								yes		LC
<i>Sphoeroides nephelus</i>	yes		yes		yes										LC
<i>Sphoeroides pachygaster</i>	yes	yes	yes		yes						yes				LC
<i>Sphoeroides parvus</i>			yes		yes							yes	yes		LC
<i>Sphoeroides spengleri</i>	yes	yes	yes		yes										LC
<i>Sphoeroides testudineus</i>	yes		yes		yes										LC
<i>Sphoeroides tyleri</i>	yes		yes		yes								yes		LC
<i>Sphoeroides yergeri</i>			yes		yes							yes			LC
TRIGLIDAE															
<i>Bellator brachychir</i>			yes			yes					yes				LC
<i>Bellator egretta</i>			yes			yes					yes	yes			LC
<i>Bellator militaris</i>			yes			yes					yes	yes			LC
<i>Bellator ribieroi</i>			yes			yes					yes		yes		LC
<i>Prionotus alatus</i>			yes			yes					yes	yes	yes		LC
<i>Prionotus beanii</i>			yes			yes					yes		yes		LC
<i>Prionotus carolinus</i>			yes			yes							yes		LC
<i>Prionotus evolans</i>	yes		yes			yes							yes		LC
<i>Prionotus longispinosus</i>			yes			yes						yes	yes		LC
<i>Prionotus martis</i>			yes			yes						yes	yes		LC
<i>Prionotus ophryas</i>	yes		yes			yes									LC
<i>Prionotus paralatus</i>			yes			yes						yes	yes		LC
<i>Prionotus punctatus</i>	yes		yes			yes									LC
<i>Prionotus roseus</i>			yes			yes									LC
<i>Prionotus rubio</i>			yes			yes						yes	yes		LC
<i>Prionotus scitulus</i>	yes		yes			yes						yes	yes		LC
<i>Prionotus stearnsi</i>			yes			yes						yes			LC
<i>Prionotus tribulus</i>			yes			yes							yes		LC
TRIPTERYGIIIDAE															
<i>Enneanectes altivelis</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
<i>Enneanectes atrorus</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
<i>Enneanectes boehlkei</i>	yes	yes				yes	yes	yes	yes	yes		yes			LC
<i>Enneanectes deloachorum</i>	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC

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Enneanectes flavus	yes	yes				yes	yes	yes	yes	yes		yes	yes		LC
Enneanectes jordani	yes	yes				yes	yes	yes	yes	yes		yes			LC
Enneanectes matador	yes	yes				yes	yes	yes	yes	yes		yes			LC
Enneanectes quadra	yes	yes				yes	yes	yes	yes	yes		yes			LC
Enneanectes wilki	yes	yes				yes	yes	yes	yes	yes		yes	yes	yes	DD
URANOSCOPIDAE															
Astroscopus guttatus	yes		yes			yes	yes						yes		LC
Astroscopus y-graecum	yes		yes			yes	yes								LC
Kathetostoma albigutta			yes			yes					yes	yes	yes		LC
Kathetostoma cubana			yes			yes					yes	yes			LC
Xenocephalus egregius			yes			yes					yes				LC