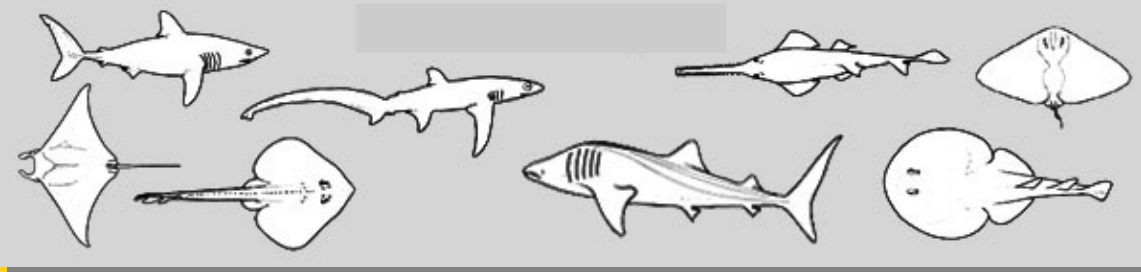


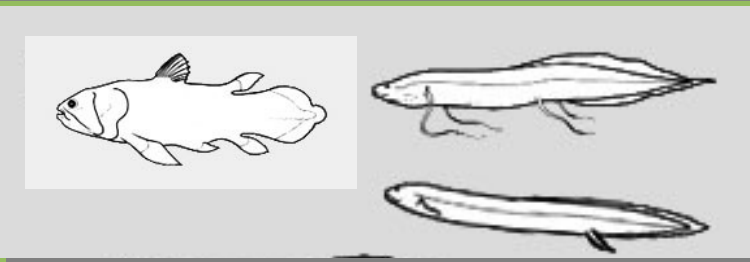
Agnatos

110 especies



Condriictios

970 especies



Sarcopterigios

8 especies



Actinopterigios

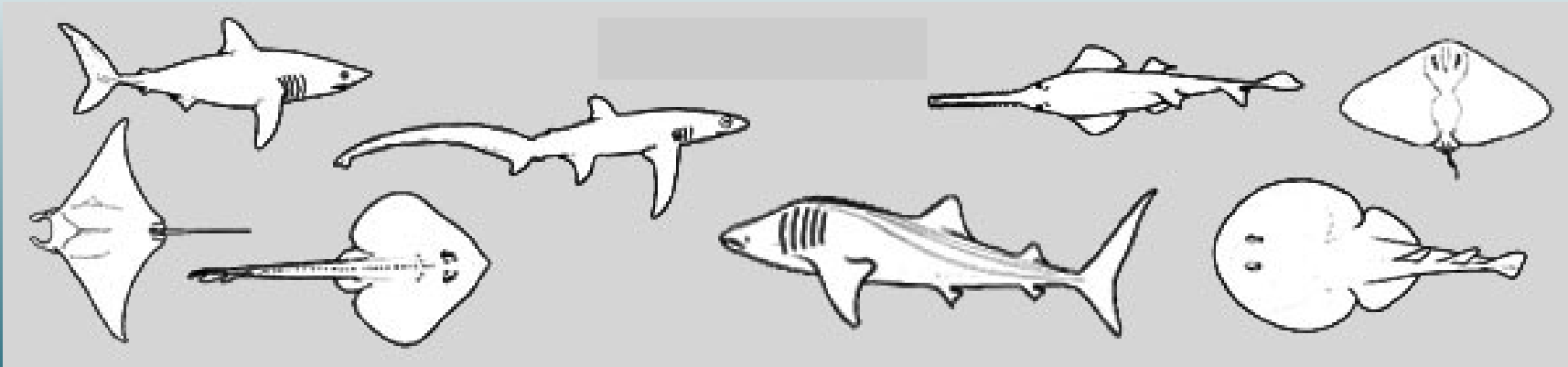
27.000 especies



Condriactios

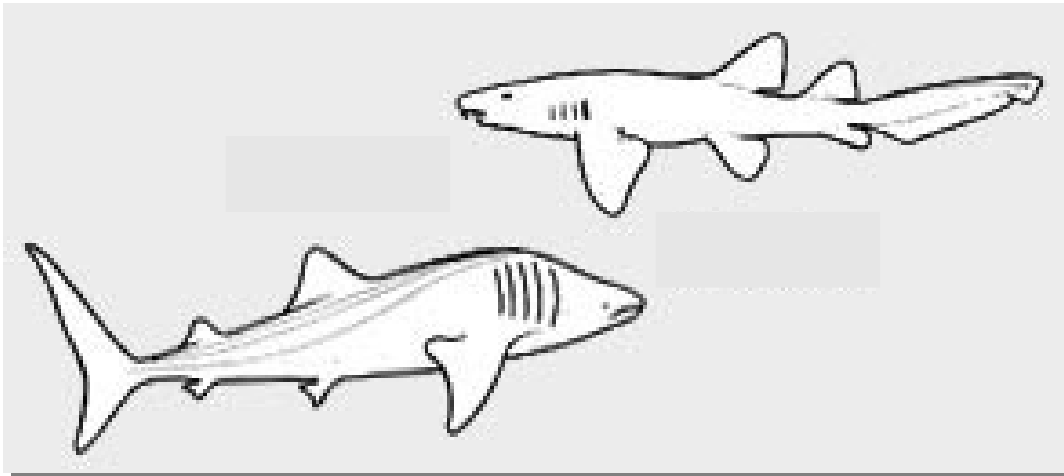
12 órdenes

Hexanchiformes
Heterodontiformes
Orectolobiformes
Lamniformes
Carcharhiniformes
Squaliformes
Pristiophoriformes
Squatiformes
Pristiformes
Torpediniformes
Rajiformes
Chimaeriformes

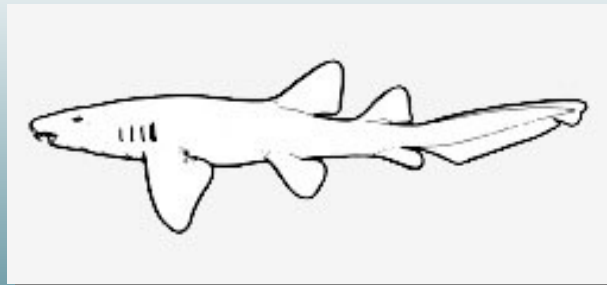


Condriactios

Orectolobiformes



Ginglymostomatidae 3 sp



Hemiscylliidae 16 sp



Orectolobiformes

Ginglymostomatidae

400 cm



Ginglymostoma cirratum



Orectolobiformes

Hemiscylliidae

70 cm



Chiloscyllium griseum



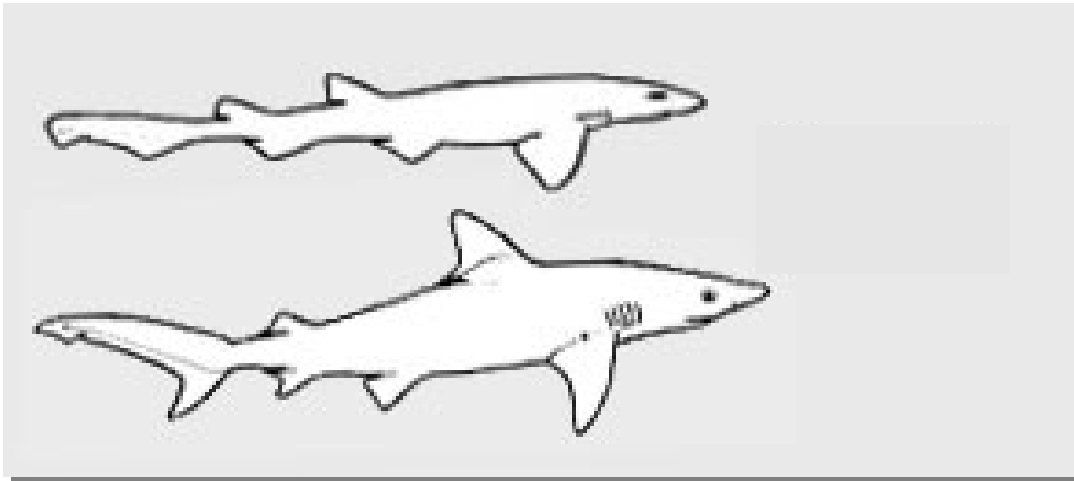
(©)2006 Daniel Chan



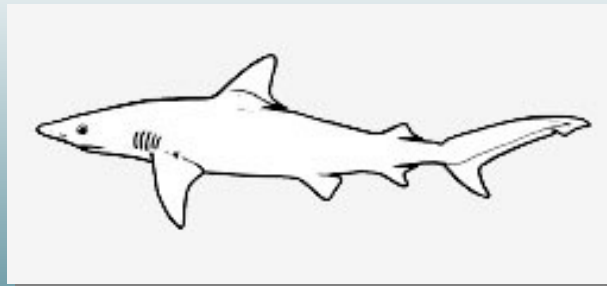
de acuariofilia
2: Organismos

Condriactios

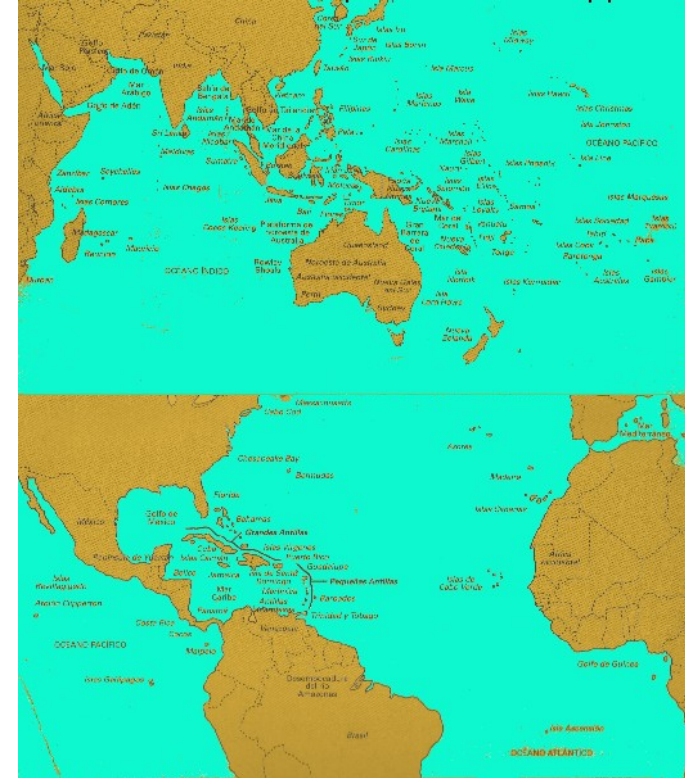
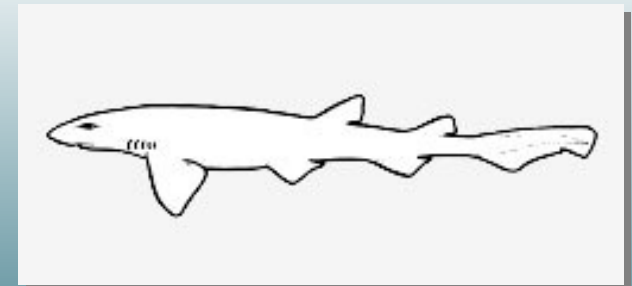
Carcharhiniformes



Carcharhinidae
54 sp



Scyliorhinidae
145 sp



Carcharhiniformes

Carcharhinidae

150 cm



Carcharhinus melanopterus



cuariofilia
Organismos

Carcharhiniformes

Scyliorhinidae

70 cm



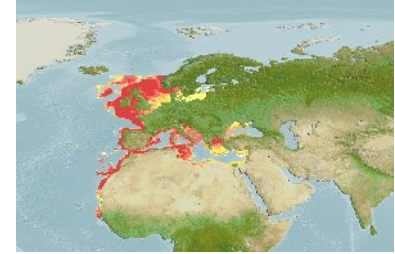
Atelomycterus marmoratus



Carcharhiniformes

Scyliorhinidae

100 cm



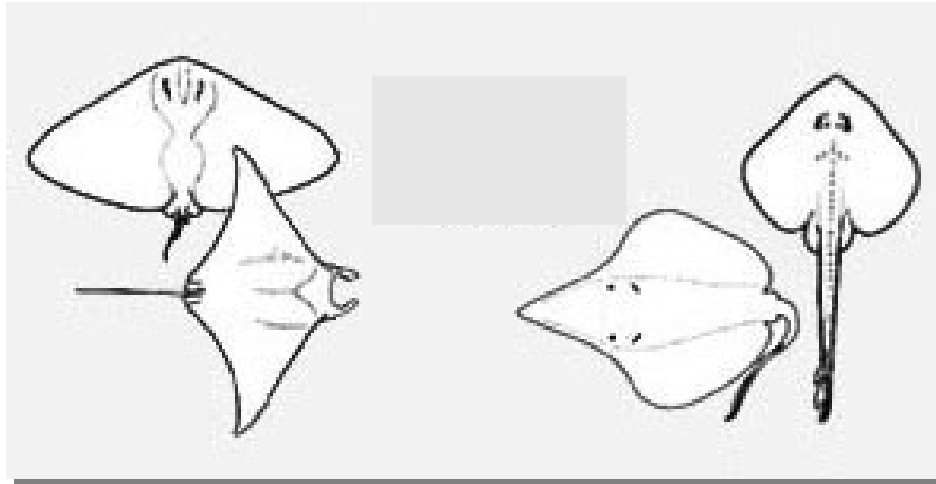
Scyliorhinus canicula



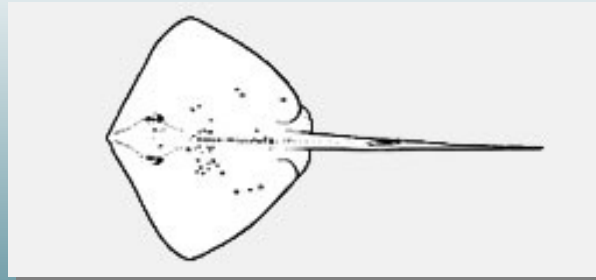
de acuariofilia
o 2: Organismos

Condrictios

Rajiformes



Dasyatidae 81 sp



Rajiformes

Dasyatidae

70 cm



Taeniura lymma



Osteíctios

47 órdenes

Polypteriformes

Acipenseriformes

Lepisosteiformes

Amiiformes

Osteoglossiformes

Elopiformes

Albuliformes

Notacanthiformes

Anguilliformes

Saccopharyngiformes

Clupeiformes

Gonorynchiformes

Cypriniformes

Characiformes

Siluriformes

Gymnotiformes

Esociformes

Osmeriformes

Salmoniformes

Stomiiformes

Ateleopodiformes

Aulopiformes

Myctophiformes

Lampriformes

Polymixiiformes

Percopsiformes

Gadiformes

Ophidiiformes

Batrachoidiformes

Lophiiformes

Gobiesociformes

Atheriniformes

Cyprinodontiformes

Beloniformes

Stephanoberyciformes

Beryciformes

Cetomimiformes

Zeiformes

Gasterosteiformes

Syngnathiformes

Synbranchiformes

Scorpaeniformes

Perciformes

Pleuronectiformes

Tetraodontiformes

Coelacanthiformes

Ceratodontiformes

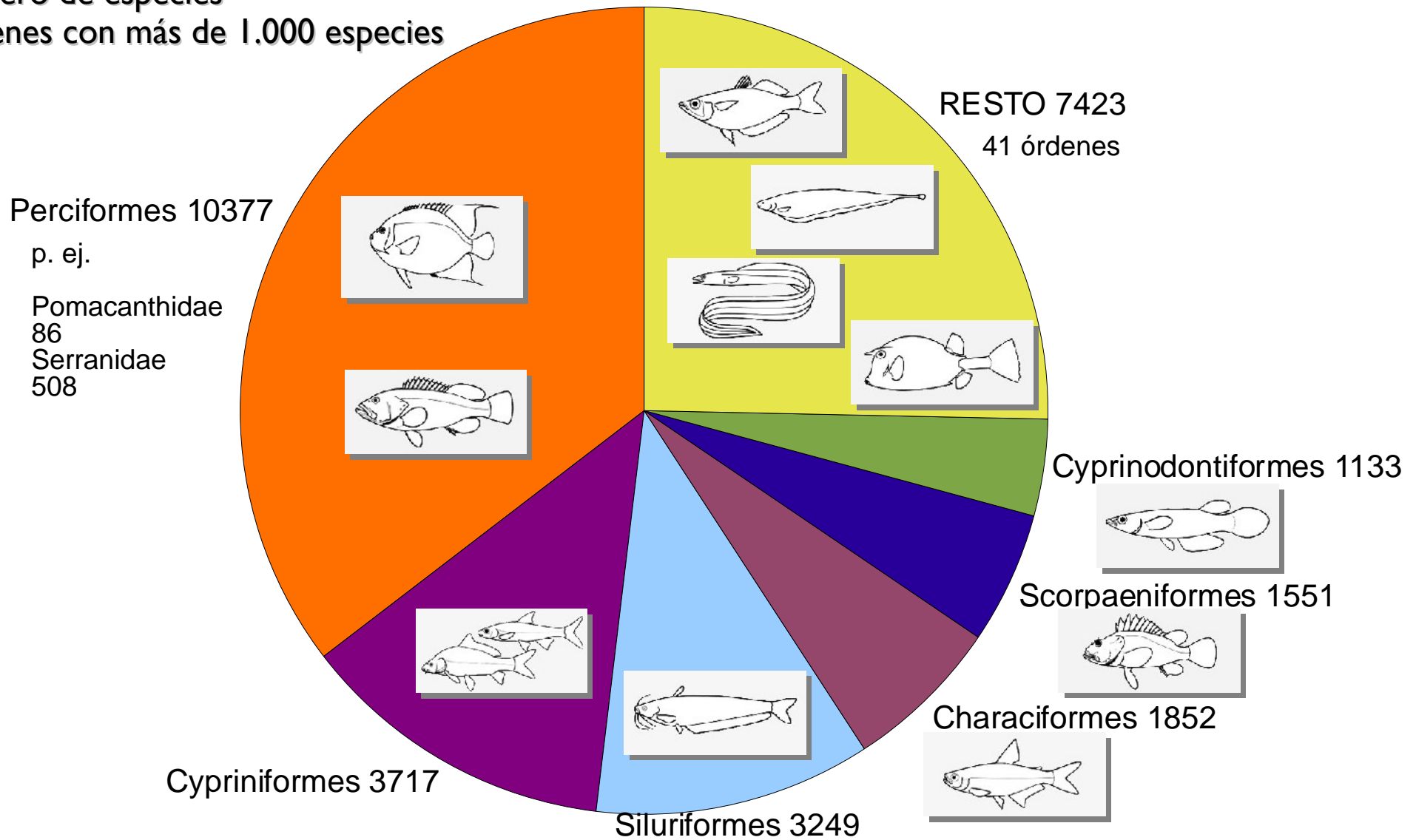
Lepidosireniformes



Osteíctios

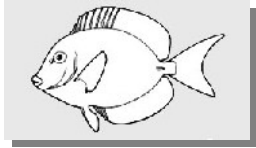
número de especies

órdenes con más de 1.000 especies

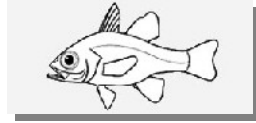


Perciformes

familias de interés en acuariofilia marina
número de especies



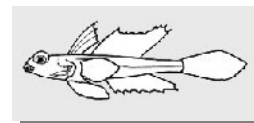
Acanthuridae
81



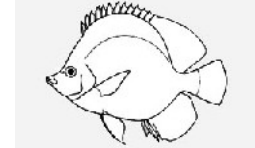
Apogonidae
333



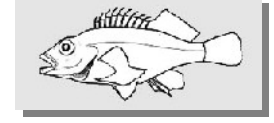
Blenniidae
390



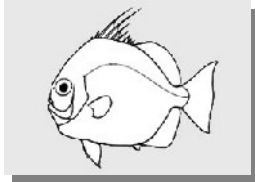
Callionymidae
185



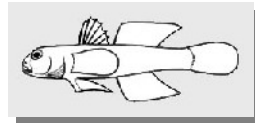
Chaetodontidae
129



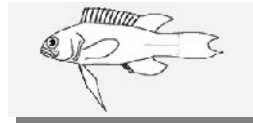
Cirrhitidae
33



Ehippidae
15



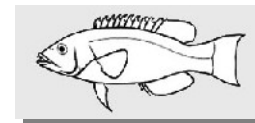
Gobiidae
1552



Grammatidae
12



Haemulidae
131



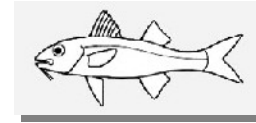
Labridae
506



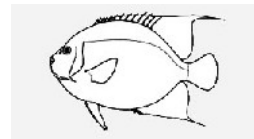
Lutjanidae
108



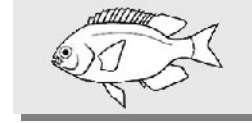
Ptereleotridae
48



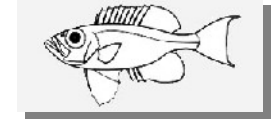
Mullidae
68



Pomacanthidae
86



Pomacentridae
374



Priacanthidae
18



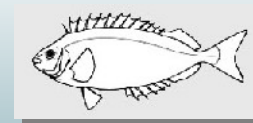
Pseudochromidae
141



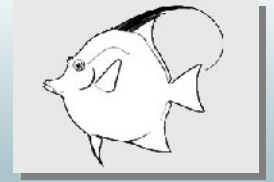
Scaridae
96



Serranidae
508



Siganidae
32

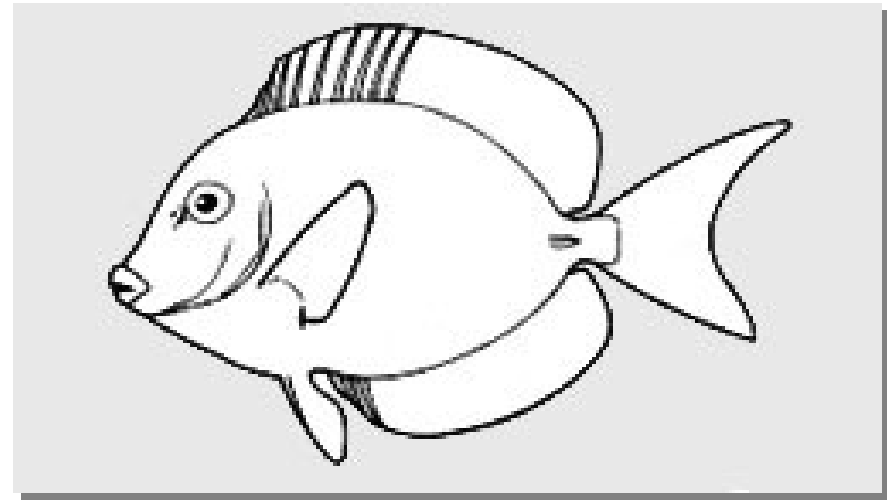


Zanclidae
1



Acanthuridae

Peces cirujano o
barberos



- Espina afilada en el pedúnculo caudal
- Herbívoros y micrófagos
- Nadadores activos



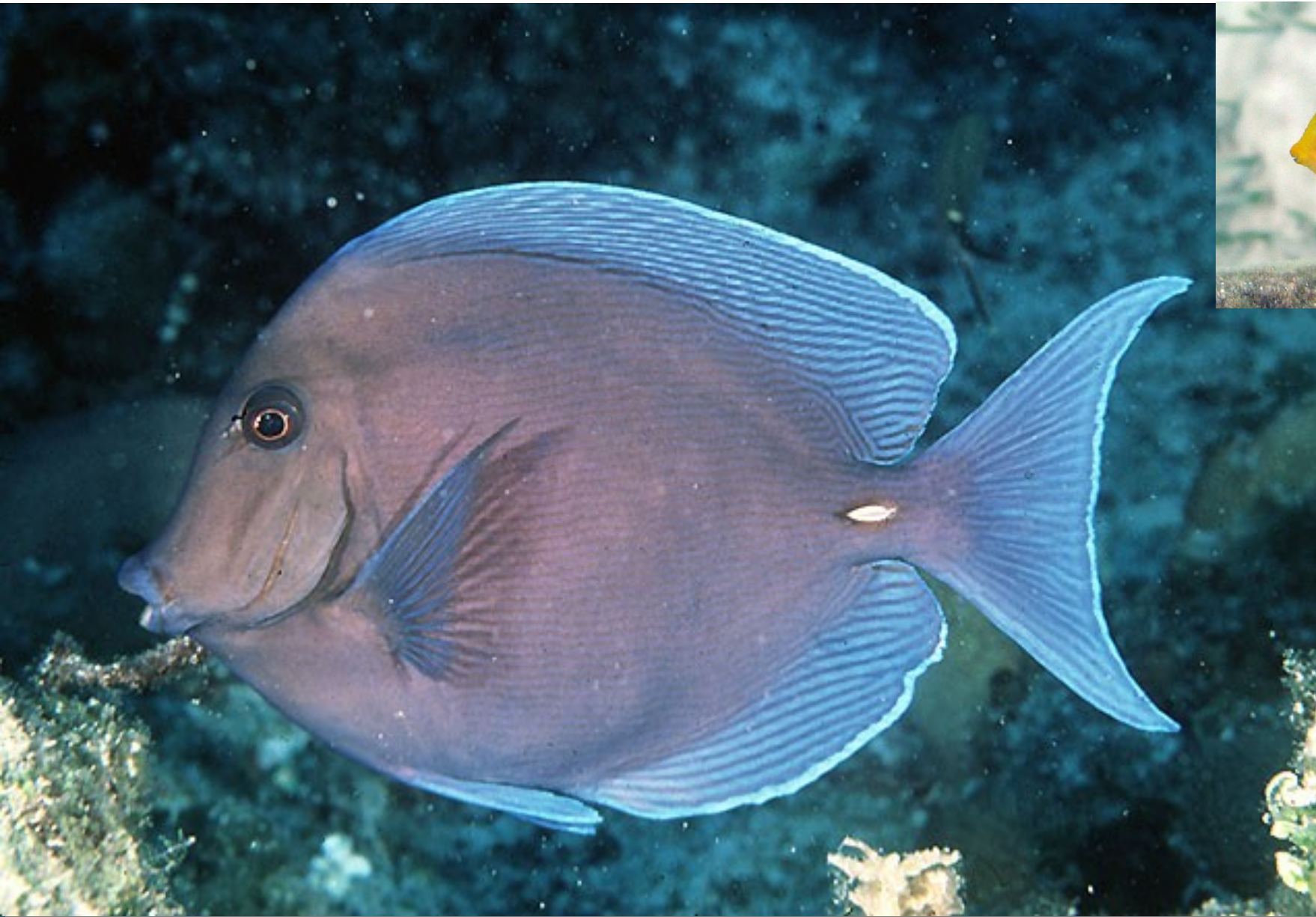
Perciformes

Acanthuridae

30 cm



Acanthurus coeruleus



Perciformes

Acanthuridae

30 cm



Acanthurus leucosternon



acuariofilia
: Organismos

Perciformes

Acanthuridae

40 cm



Acanthurus sohal



Perciformes

Acanthuridae

45 cm



Naso lituratus



Perciformes

Acanthuridae

25 cm



Paracanthurus hepatus

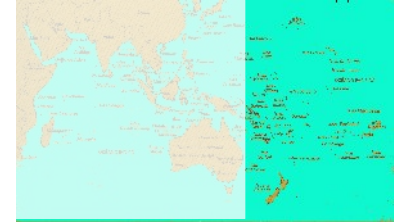


ariofilia
rganismos

Perciformes

Acanthuridae

20 cm



Zebrasoma flavescens



Perciformes

Acanthuridae

40 cm



Zebrasoma veliferum

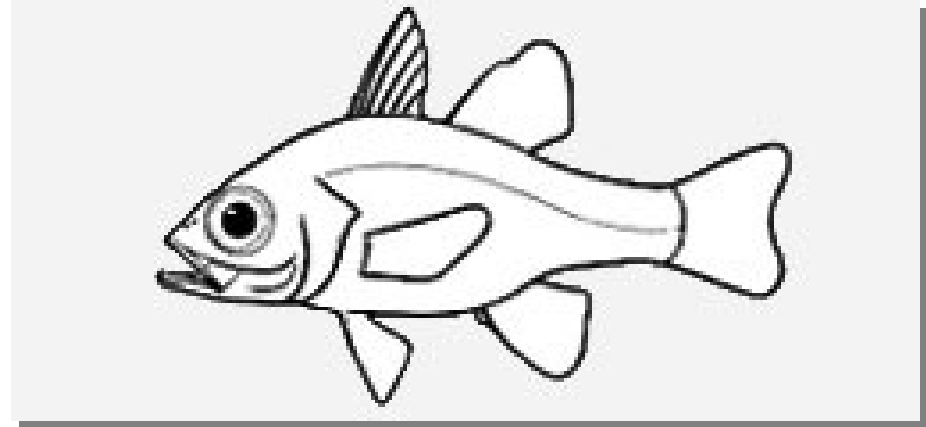
© J.M. Macaraig
Ontario, CANADA



so de acuariofilia
dulo 2: Organismos

Apogonidae

Peces cardenal



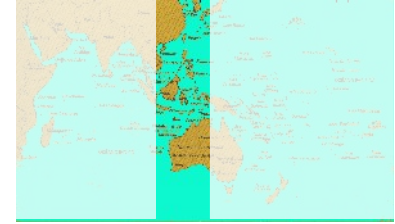
- Peces gregarios y pacíficos
- Actividad nocturna



Perciformes

Apogonidae

6 cm



Pterapogon kauderni



Perciformes

Apogonidae

8 cm



Sphaeramia nematoptera



riofilia
anismos

Perciformes

Apogonidae

14 cm

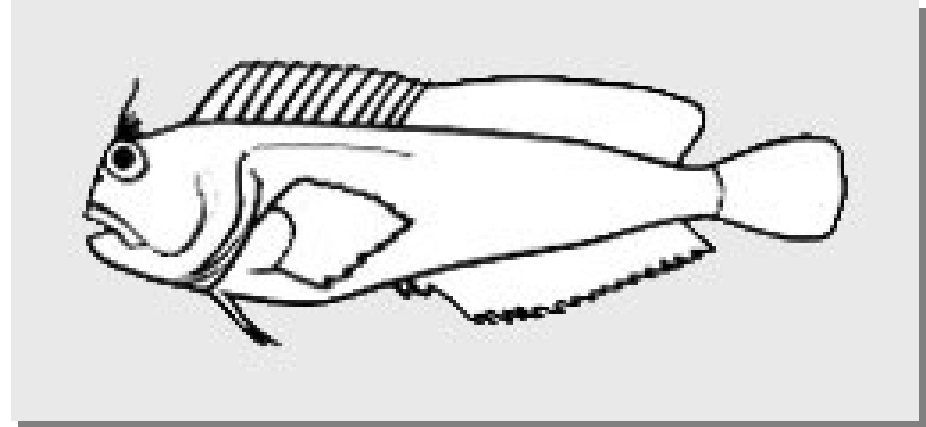


Apogon aureus



Blenniidae

Blenios



- Peces bentónicos
- Tentáculos sobre el ojo
- Necesitan grietas o agujeros



Perciformes

Blenniidae

10 cm



Ecsenius bicolor



Acuariofilia
Organismos

Perciformes

Blenniidae

13 cm



Ecsenius midas



a
nos

Perciformes
Blenniidae

13 cm

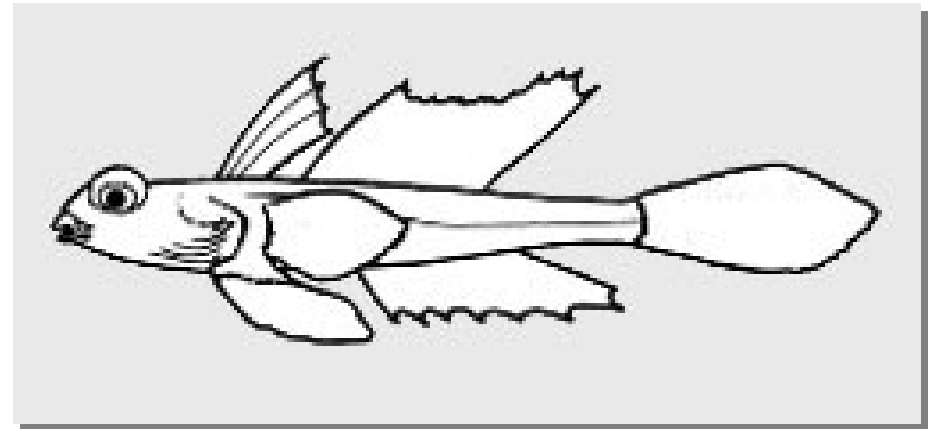


Salaria fasciatus



Callionymidae

Dragoncillos



- Peces bentónicos
- Sólo comen minúsculos crustáceos vivos



Perciformes

Callionymidae

7 cm



Synchiropus picturatus



de acuariofilia
2: Organismos

Perciformes

Callionymidae

6 cm

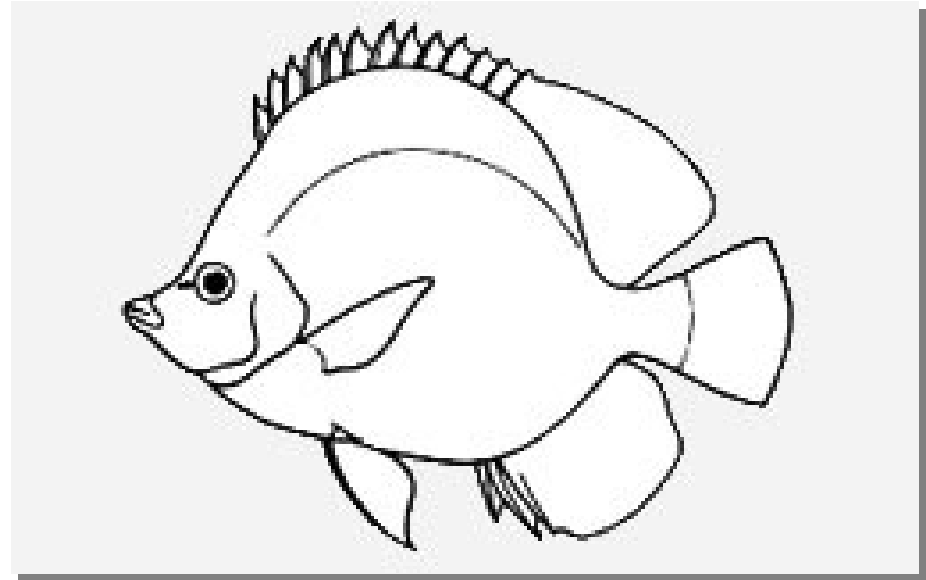


Synchiropus splendidus



Chaetodontidae

Peces mariposa,
parches



- Cuerpo muy comprimido, boca pequeña
- Comen algas, pólipos y microorganismos



Perciformes

Chaetodontidae

20 cm



Chaetodon auriga



Perciformes

Chaetodontidae

20 cm



Chaetodon fasciatus



Perciformes

Chaetodontidae

20 cm



Chaetodon lunula



curso de acuariofilia
Módulo 2: Organismos

Perciformes

Chaetodontidae

15 cm



Chaetodon ulietensis



curso de acuariofilia
Módulo 2: Organismos

Perciformes

Chaetodontidae

20 cm



Chelmon rostratus



Perciformes

Chaetodontidae

22 cm



Forcipiger flavissimus



curso de acuariofilia
Módulo 2: Organismos

Perciformes

Chaetodontidae

24 cm



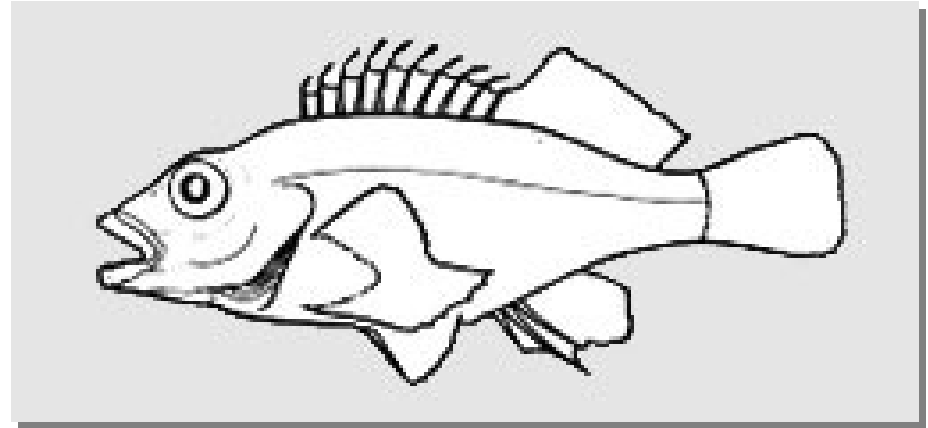
Heniochus acuminatus



Curso de acuariofilia
Módulo 2: Organismos

Cirrhitidae

Peces halcón



- Se encuentran reposando sobre rocas o corales
- Hermafroditas proteróginos



Perciformes

Cirrhitidae

10 cm



Cirrhitichthys oxycephalus



Perciformes

Cirrhitidae

13 cm



Oxycirrhites typus



Perciformes

Cirrhitidae

20 cm

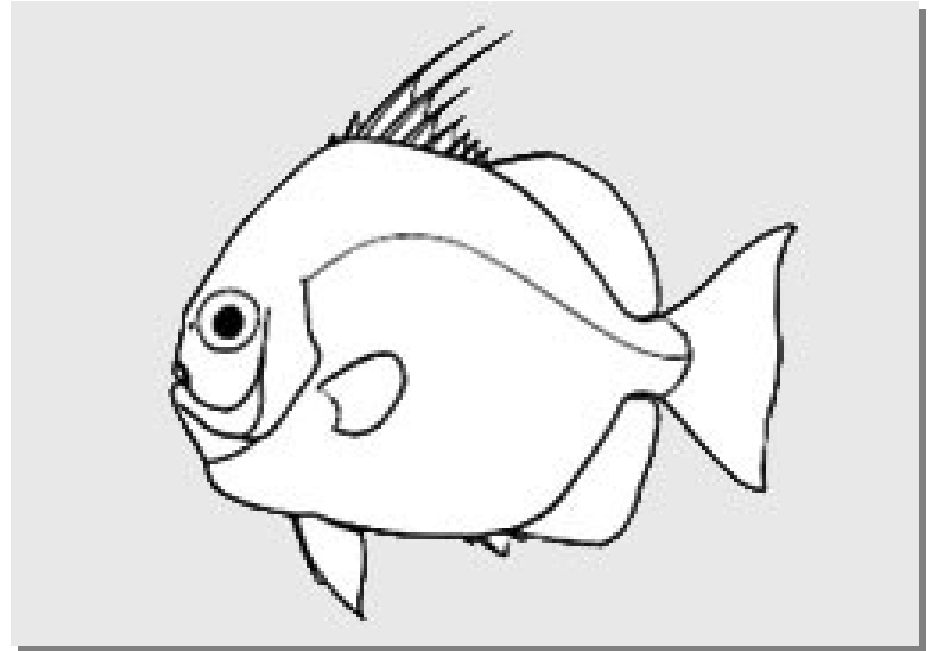


Paracirrhites forsteri



Ephippidae

Peces murciélago,
platax



- Cuerpo muy comprimido
- Gran diferencia entre juveniles y adultos



Perciformes

Ephippidae

50 cm



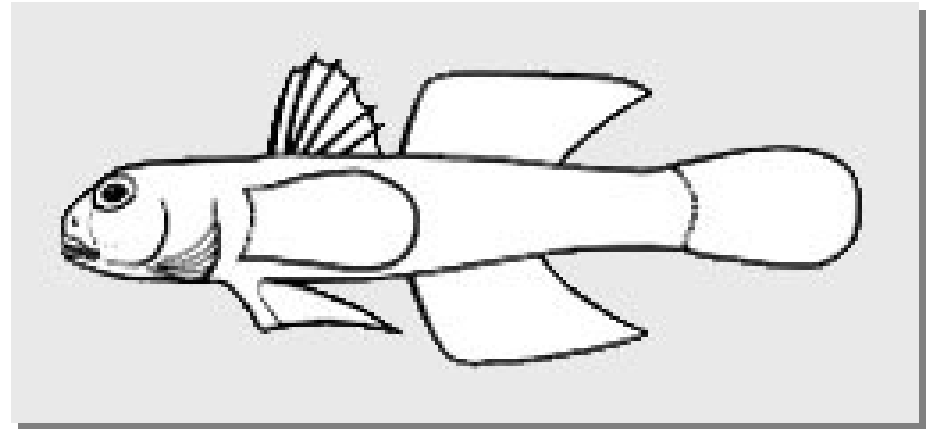
Platax orbicularis



curso de acuariofilia
Módulo 2: Organismos

Gobiidae

Gobios



- Cuerpo cilíndrico y pequeño tamaño
- Necesitan grietas y agujeros



Perciformes
Gobiidae

10 cm



Amblyeleotris guttata



Perciformes
Gobiidae

8,5 cm



Amblygobius rainfordi



Perciformes
Gobiidae

6 cm



Gobiodon citrinus



iofilia
anismos

Perciformes
Gobiidae

5 cm

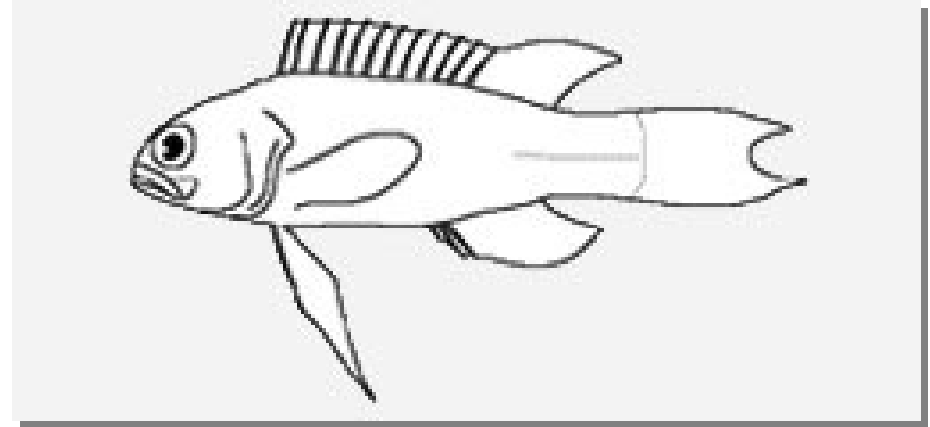


Elacatinus oceanops



Grammatidae

Loretos, meritos



- Fáciles de mantener en grupos
- Viven cerca de cuevas o grutas



Perciformes

Grammatidae

8 cm

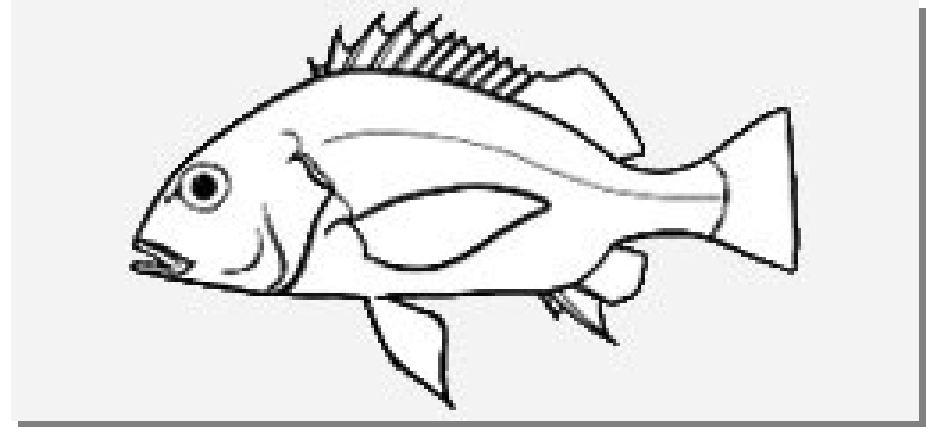


Gramma loreto



riofilia
anismos

Haemulidae



- Forman grupos más o menos grandes
- Tienden a refugiarse entre las rocas



Perciformes

Haemulidae

40 cm



Anisotremus virginicus



Smithsonian
Institution

Perciformes

Haemulidae

85 cm

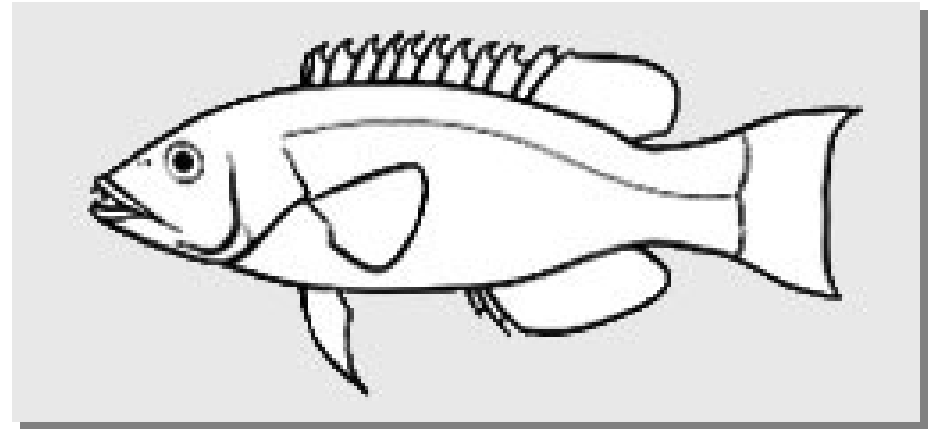


Plectorhinchus orientalis



Labridae

Lábridos



- Familia muy variable en tamaño, forma y colorido
- La mayoría cambian de sexo y existen dos tipos de machos



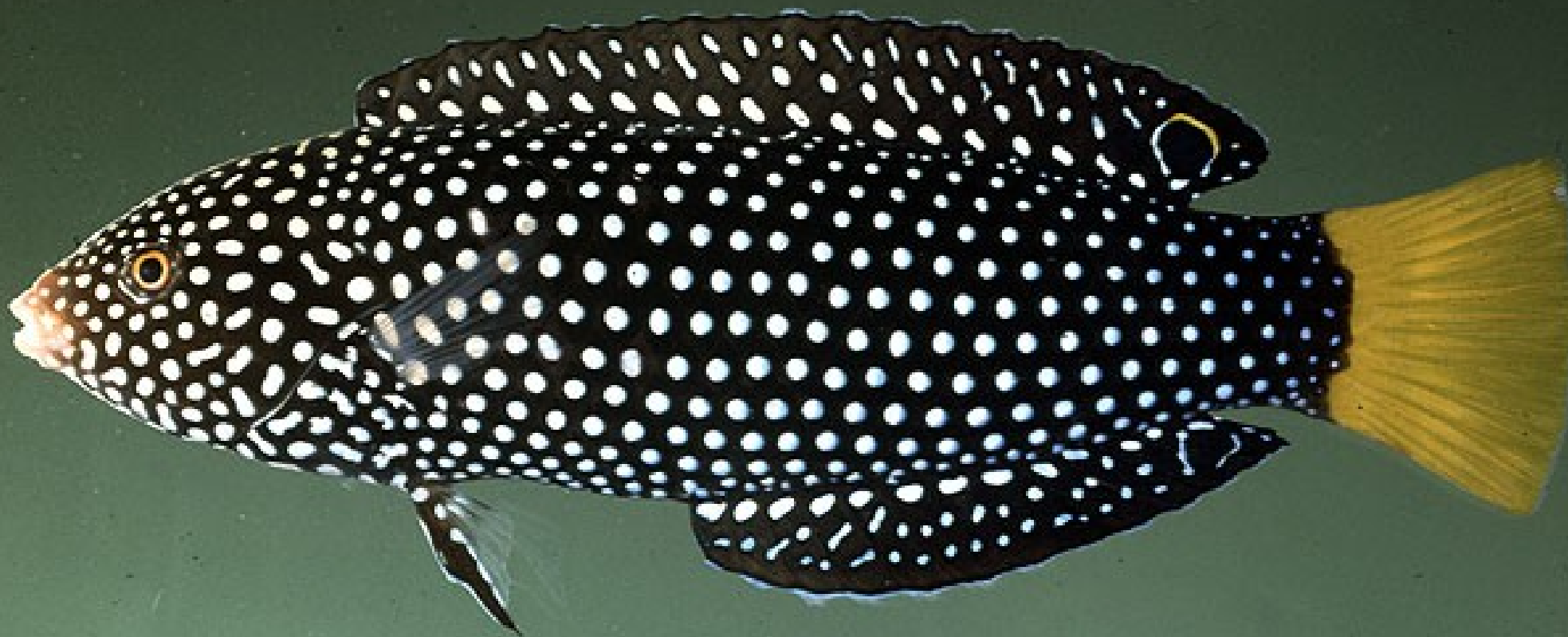
Perciformes
Labridae



20 cm



Anampses meleagrides



Perciformes
Labridae

40 cm



Bodianus rufus



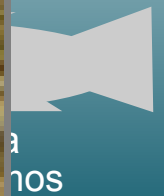
e acuariofilia
2: Organismos

Perciformes
Labridae

40 cm



Choerodon fasciatus

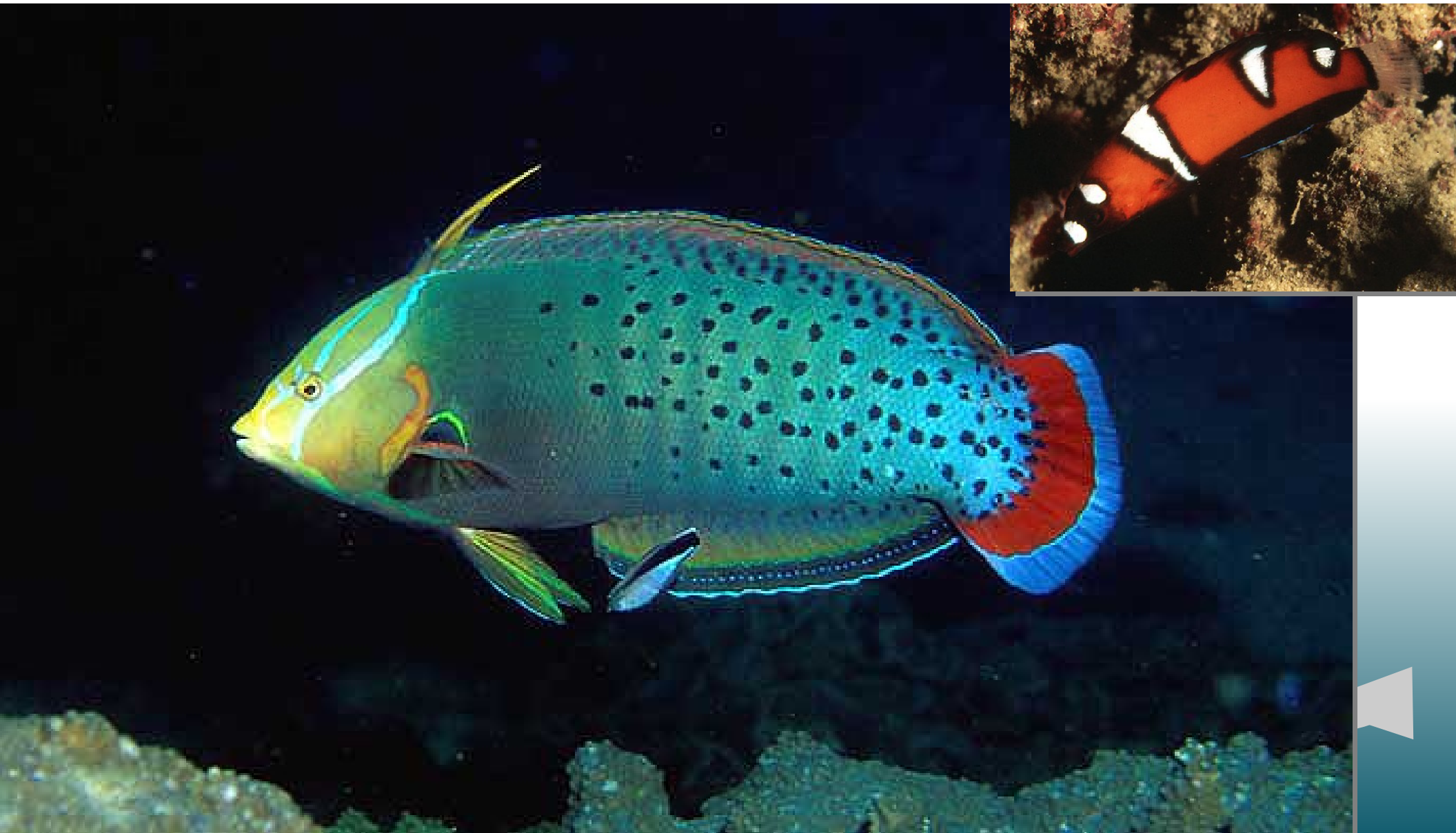


Perciformes
Labridae

60 cm



Coris formosa



Perciformes
Labridae

30 cm



Gomphosus caeruleus



Perciformes
Labridae

12 cm



Halichoeres chrysus



Perciformes
Labridae

14 cm



Labroides dimidiatus



© Miguel Pais



ariofilia
rganismos

Perciformes
Labridae

30 cm



Novaculichthys taeniourus



Acuariofilia
Organismos

Perciformes
Labridae

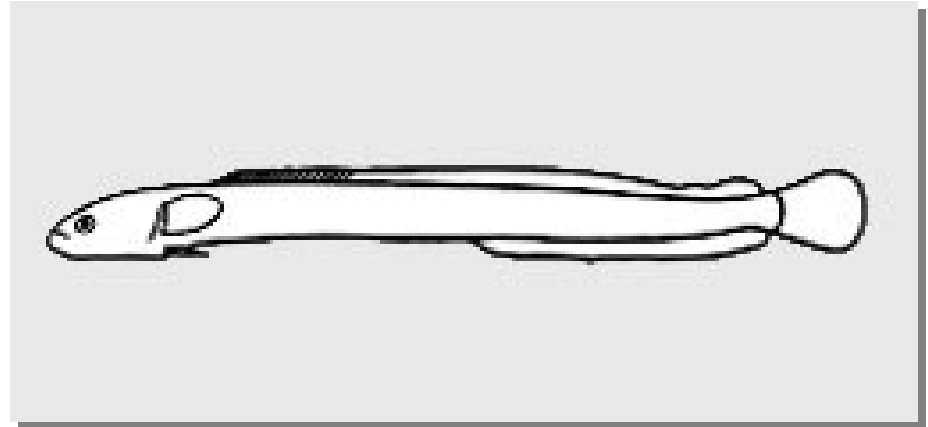
25 cm



Thalassoma lunare



Ptereleotridae



- Cuerpo alargado y comprimido. Pequeño tamaño
- Construyen madrigueras en la arena



Perciformes

Ptereleotridae

9 cm



Nemateleotris decora



curso de acuariofilia
Módulo 2: Organismos

Perciformes

Ptereleotridae

9 cm

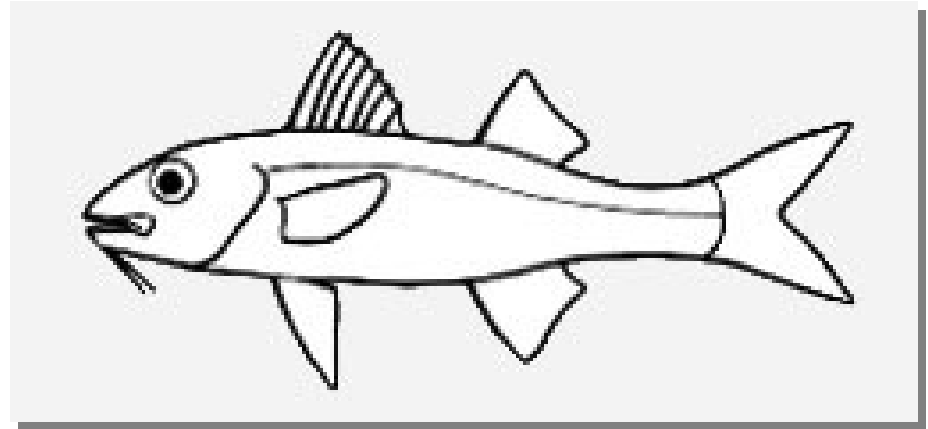


Nemateleotris magnifica



Mullidae

Salmonetes



- Dos barbillones en el mentón
- Vida bentónica



Perciformes
Mullidae

30 cm



Parupeneus barberinoides



curso de acuariofilia
Módulo 2: Organismos

Perciformes
Mullidae

50 cm

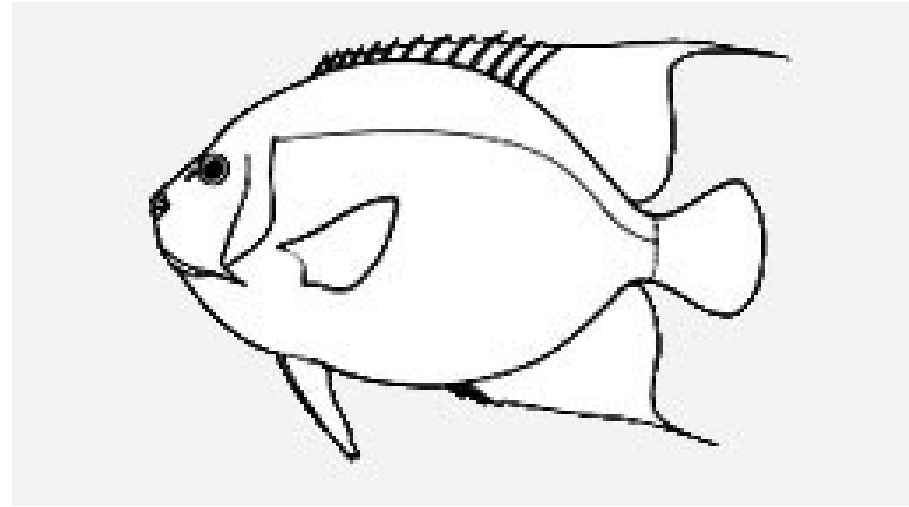


Parupeneus barberinus



Pomacanthidae

Peces ángel



- Cuerpo circular y comprimido
- Espina en el opérculo
- Comen esponjas, invertebrados y algas



Perciformes

Pomacanthidae

10 cm



Centropyge heraldi



acuariofilia
?: Organismos

Perciformes

Pomacanthidae

10 cm



Centropyge loricula



e acuariofilia
2: Organismos

Perciformes

Pomacanthidae

45 cm



Holacanthus ciliaris



Perciformes

Pomacanthidae

30 cm



Holacanthus tricolor



Perciformes

Pomacanthidae

40 cm



Pomacanthus imperator



curso de acuariofilia
Módulo 2: Organismos

Perciformes

Pomacanthidae

40 cm

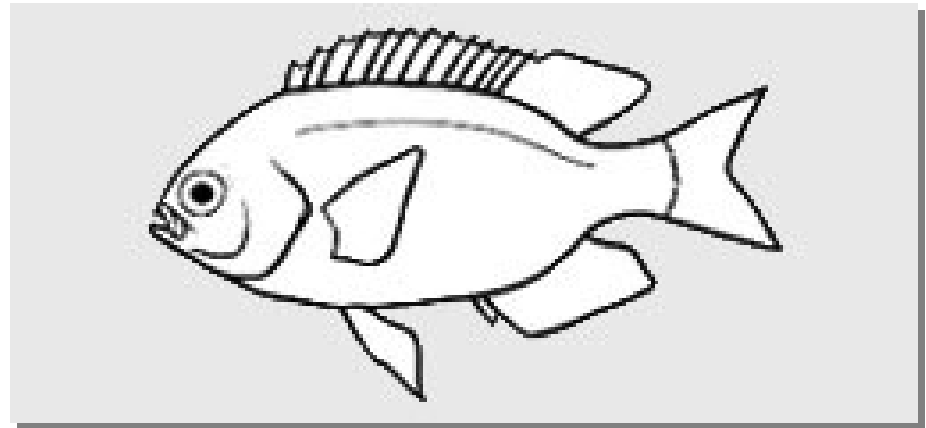


Pomacanthus semicirculatus



Pomacentridae

Castañuelas, píntanos



- De pequeño tamaño
- A menudo son territoriales



Perciformes

Pomacentridae

15 cm



Abudefduf saxatilis



Perciformes

Pomacentridae

15 cm



Amphiprion clarkii



Parasitofilia
organismos

Perciformes

Pomacentridae

14 cm



Amphiprion frenatus



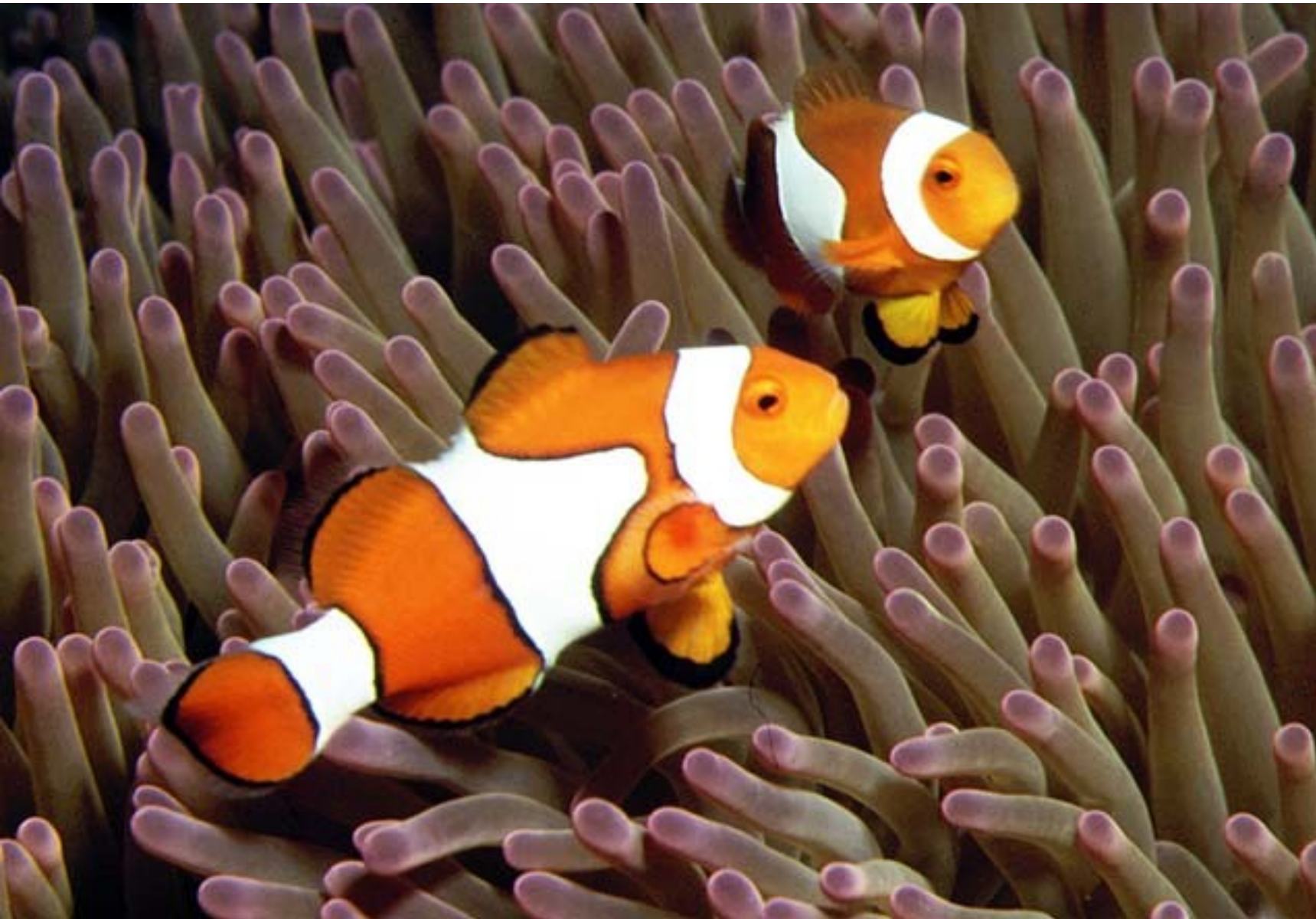
Perciformes

Pomacentridae

15 cm



Amphiprion percula



Perciformes

Pomacentridae

10 cm



Amphiprion perideraion



curso de acuariofilia
Módulo 2: Organismos

Perciformes

Pomacentridae



8 cm



Chromis viridis



Perciformes

Pomacentridae

7 cm



Chrysiptera hemicyanea



Perciformes

Pomacentridae

11 cm



Dascyllus trimaculatus



Perciformes

Pomacentridae

10 cm

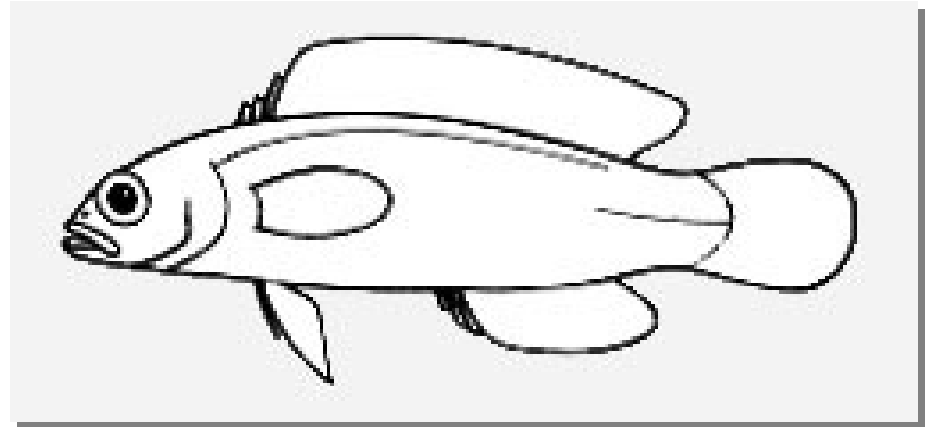


Pomacentrus caeruleus



Curso de acuariofilia
Módulo 2: Organismos

Pseudochromidae



- Cuerpo alargado. De pequeño tamaño
- Requieren grietas y agujeros



Perciformes

Pseudochromidae

6 cm



Pictichromis diadema



cuariofilia
Organismos

Perciformes

Pseudochromidae

7 cm



Pictichromis paccagnellae



Acuariofilia
Organismos

Perciformes

Pseudochromidae

6 cm

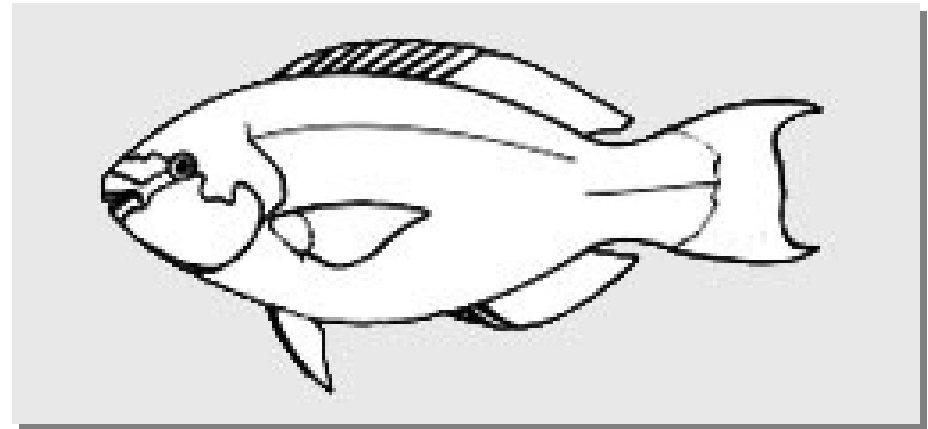


Pictichromis porphyrea



Scaridae

Peces loro



- Boca en forma de pico
- Alta proporción de alimentos vegetales



Perciformes
Scaridae

90 cm



Cetoscarus bicolor



Perciformes
Scaridae

30 cm

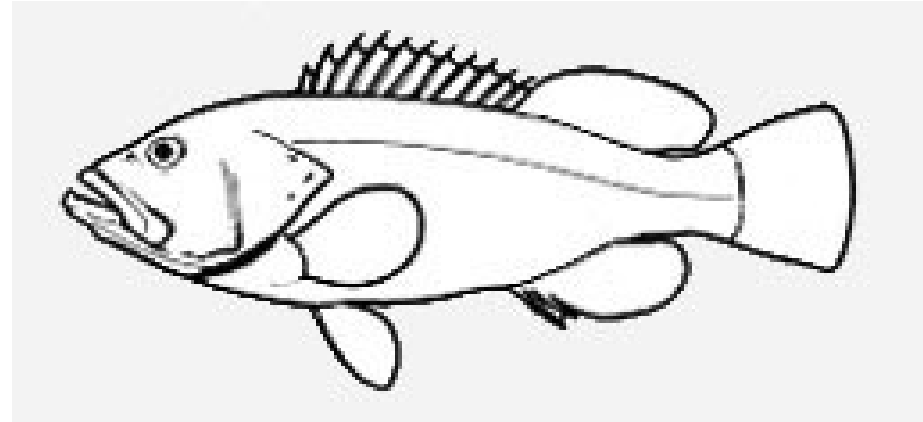


Scarus taeniopterus



Serranidae

Meros



-Depredadores. Hermafroditas proterogínicos



Perciformes

Serranidae

30 cm



Cephalopholis formosa



Perciformes

Serranidae

40 cm



Cephalopholis miniata



cuariofilia
Organismos

Perciformes

Serranidae

70 cm



Cromileptes altivelis



1: Acuafilia
2: Organismos

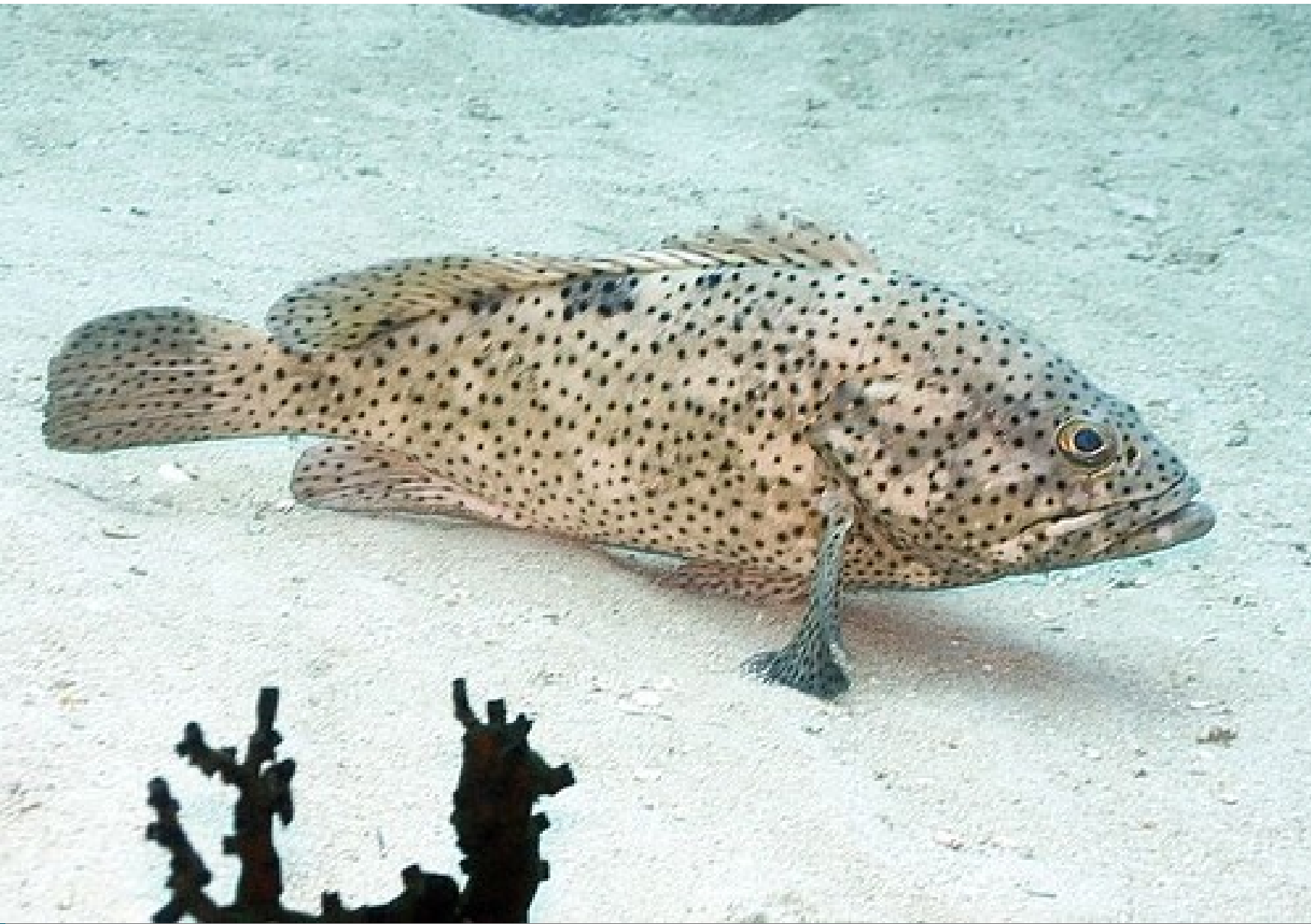
Perciformes

Serranidae

50 cm



Epinephelus corallicola



acuariofilia
?: Organismos

Perciformes

Serranidae

13 cm



Hypoplectrus gummigutta



Perciformes

Serranidae

80 cm



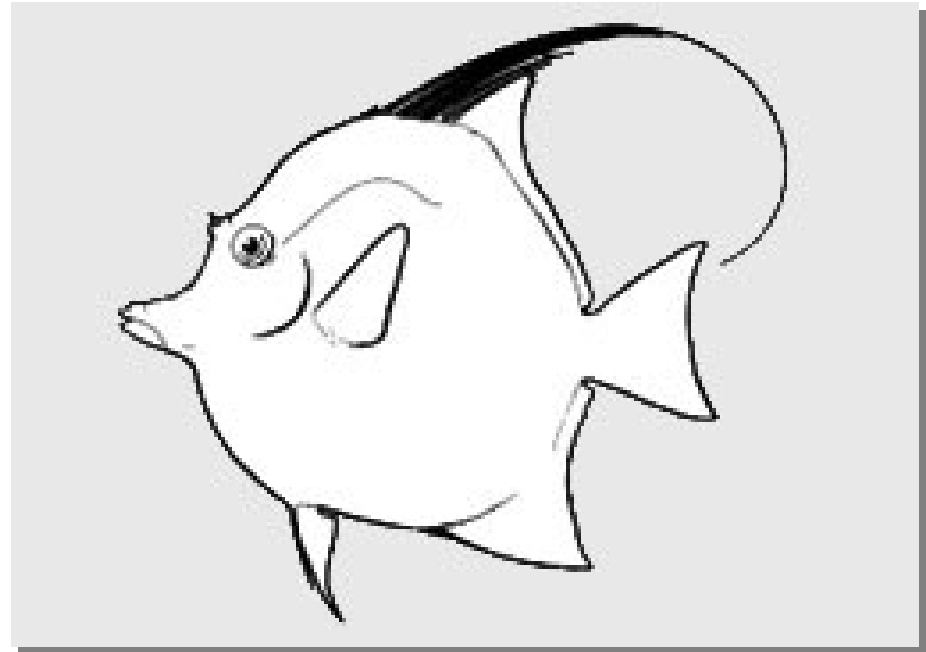
Variola louti



curso de acuariofilia
Módulo 2: Organismos

Zanclidae

Ídolo moro



- Cuerpo discoidal y comprimido
- Boca tubular. Largo filamento en la aleta dorsal



Perciformes

Zanclidae

23 cm

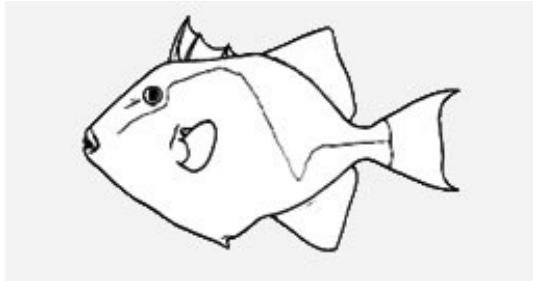
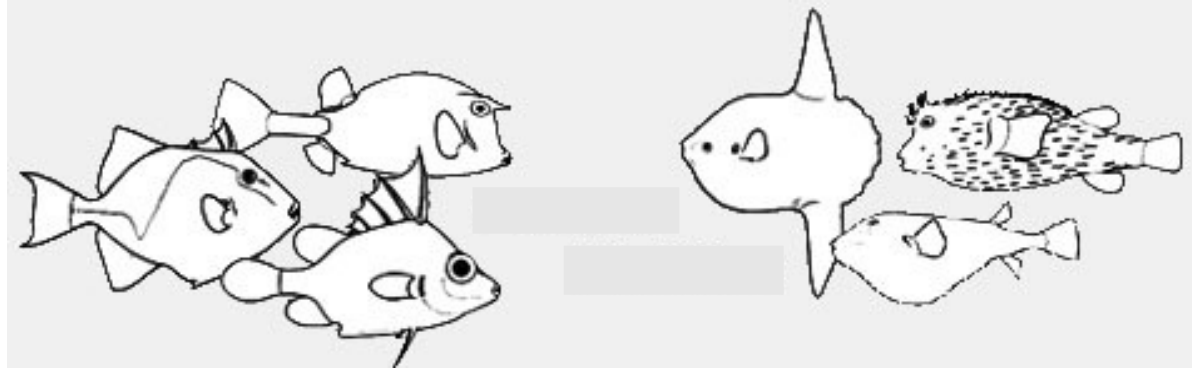


Zaclus cornutus

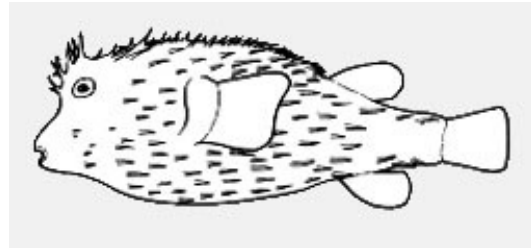


OS

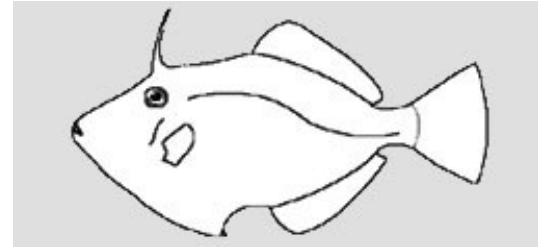
Tetraodontiformes



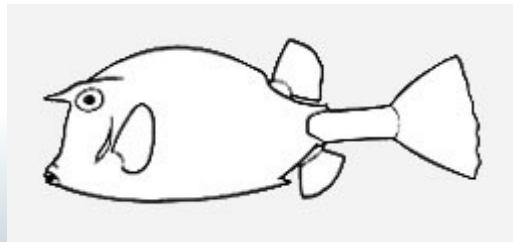
Balistidae
42 sp



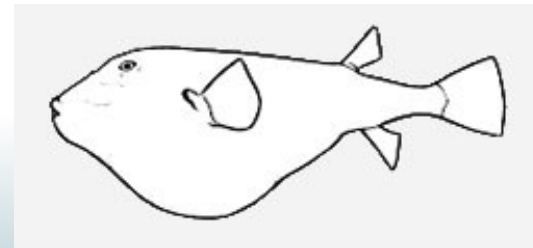
Diodontidae
18 sp



Monacanthidae
107 sp



Ostraciidae
27 sp

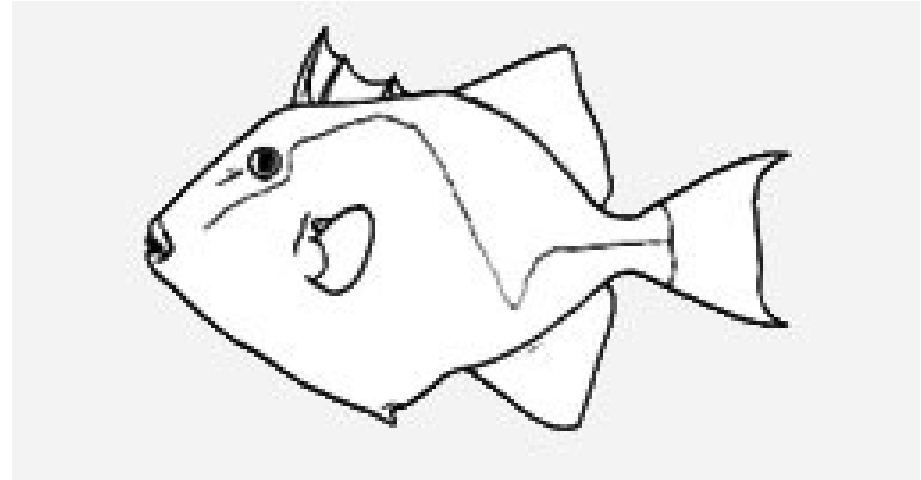


Tetraodontidae
183 sp



Balistidae

Peces ballesta



- Silueta peculiar. Fuerte dentición
- Primera espina dorsal con mecanismo de bloqueo



Tetraodontiformes

Balistidae

30 cm



Balistapus undulatus



Tetraodontiformes

Balistidae

50 cm



Balistoides conspicillum



Tetraodontiformes

Balistidae

40 cm



Odonus niger



Tetraodontiformes

Balistidae

30 cm



Rhinecanthus aculeatus



Marifilia
organismos

Tetraodontiformes

Balistidae

25 cm



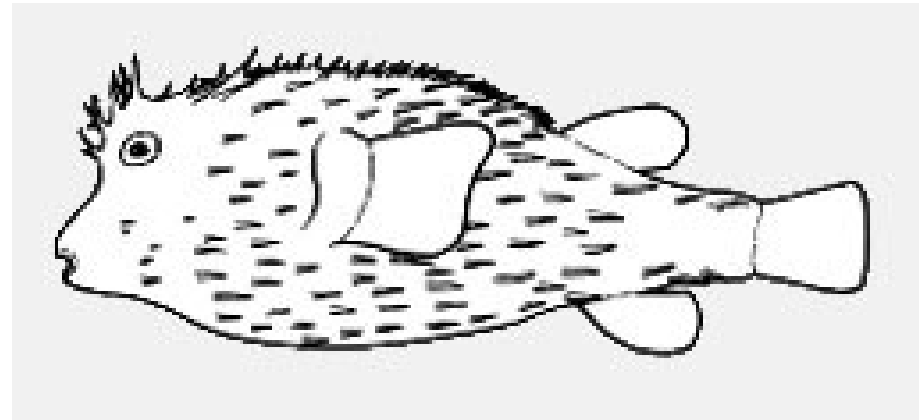
Sufflamen bursa



acuariofilia
2: Organismos

Diodontidae

Peces globo espinosos,
peces erizo



- Cuerpo recubierto de fuertes espinas
- Pueden hincharse tragando agua



Tetraodontiformes
Diodontidae



40 cm

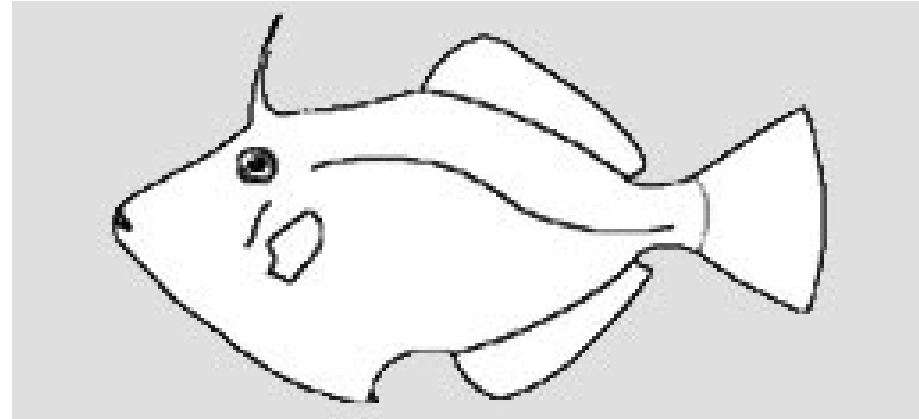


Diodon holocanthus



Monacanthidae

Peces Iija



-Piel áspera

-La espina dorsal no se bloquea



Tetraodontiformes

Monacanthidae

25 cm



Cantherhines pardalis



Acuariofilia
Organismos

Tetraodontiformes

Monacanthidae

30 cm



Chaetodermis penicilligerus



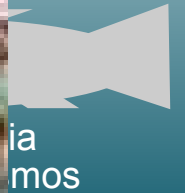
Tetraodontiformes

Monacanthidae

16 cm

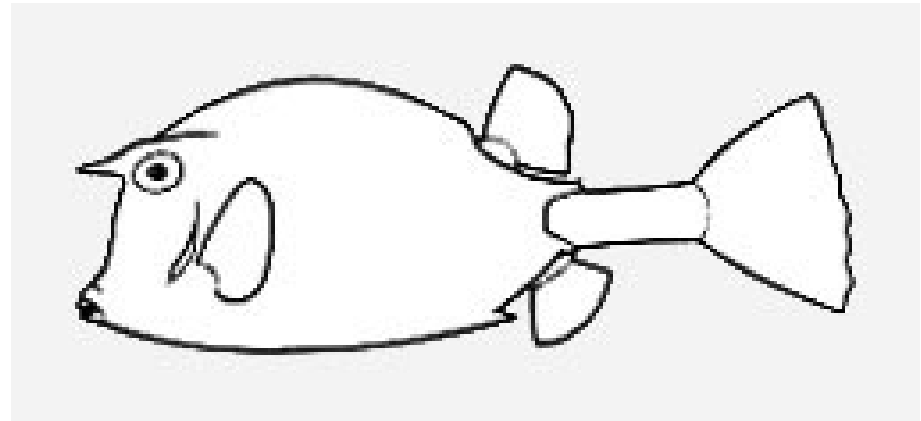


Pervagor melanocephalus



Ostraciidae

Peces cofre



- Una coraza de placas óseas cubre casi todo el cuerpo.
- Forma poliédrica



Tetraodontiformes
Ostraciidae

45 cm



Lactoria cornuta



Tetraodontiformes

Ostraciidae

45 cm



Ostracion cubicus



Tetraodontiformes

Ostraciidae

25 cm



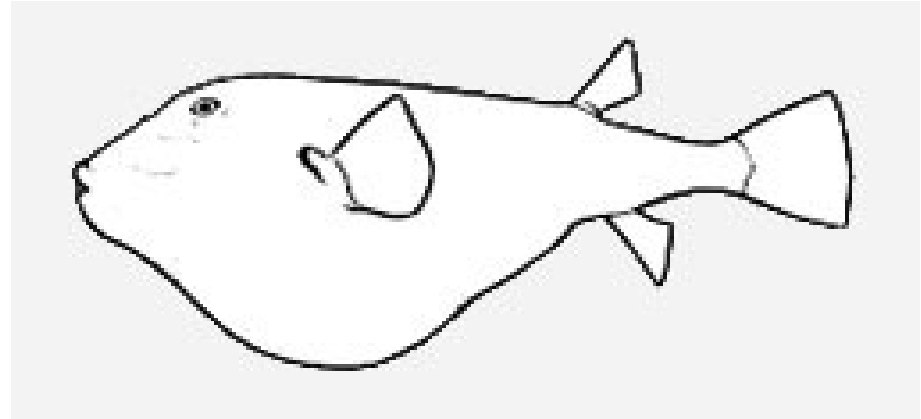
Ostracion meleagris



ariofilia
rganismos

Tetraodontidae

Peces globo



- Dientes parcialmente fusionados formando un pico
- Pueden hincharse tragando agua



Tetraodontiformes

Tetraodontidae

30 cm



Arothron immaculatus



curso de acuariofilia
Módulo 2: Organismos

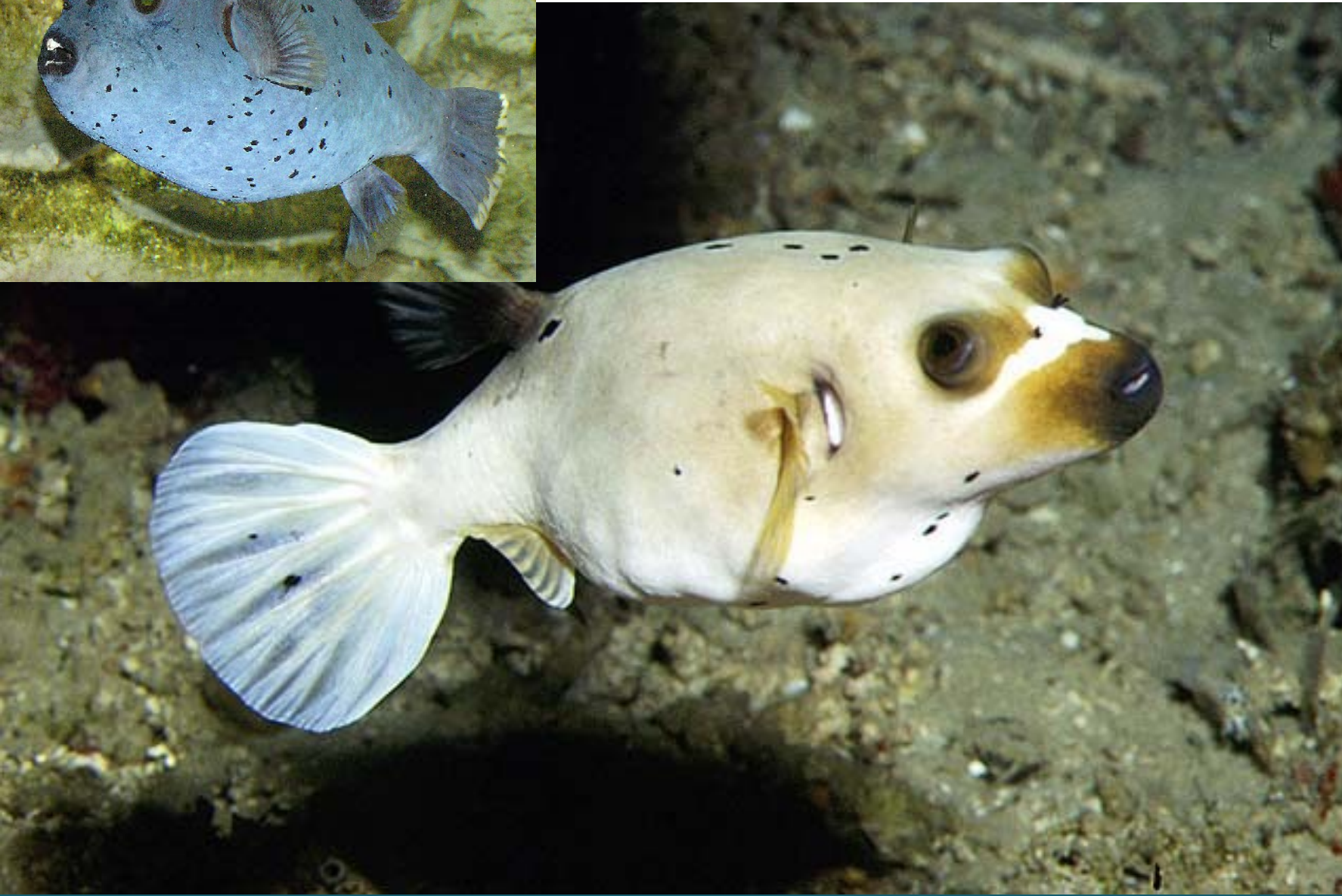
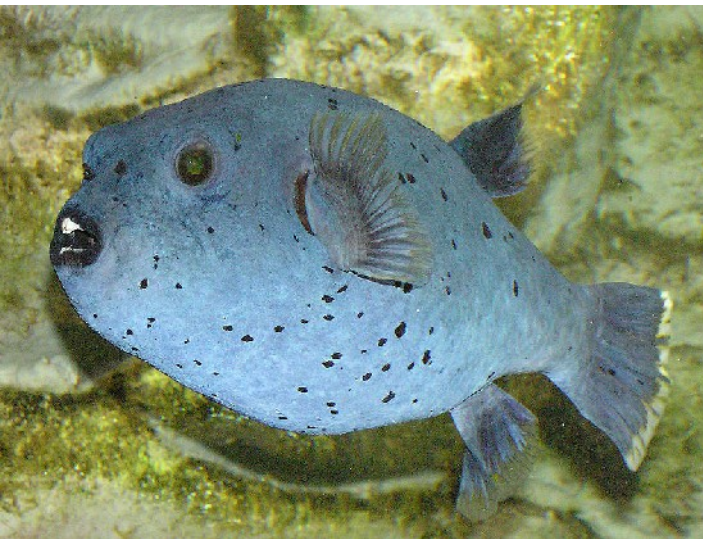
Tetraodontiformes

Tetraodontidae

30 cm



Arothron nigropunctatus



Acuariofilia
organismos

Tetraodontiformes

Tetraodontidae

30 cm



Arothron meleagris



Tetraodontiformes

Tetraodontidae

10 cm



Canthigaster papua



acuariofilia
2: Organismos

Tetraodontiformes

Tetraodontidae

12 cm



Canthigaster rostrata



de acuariofilia
lo 2: Organismos

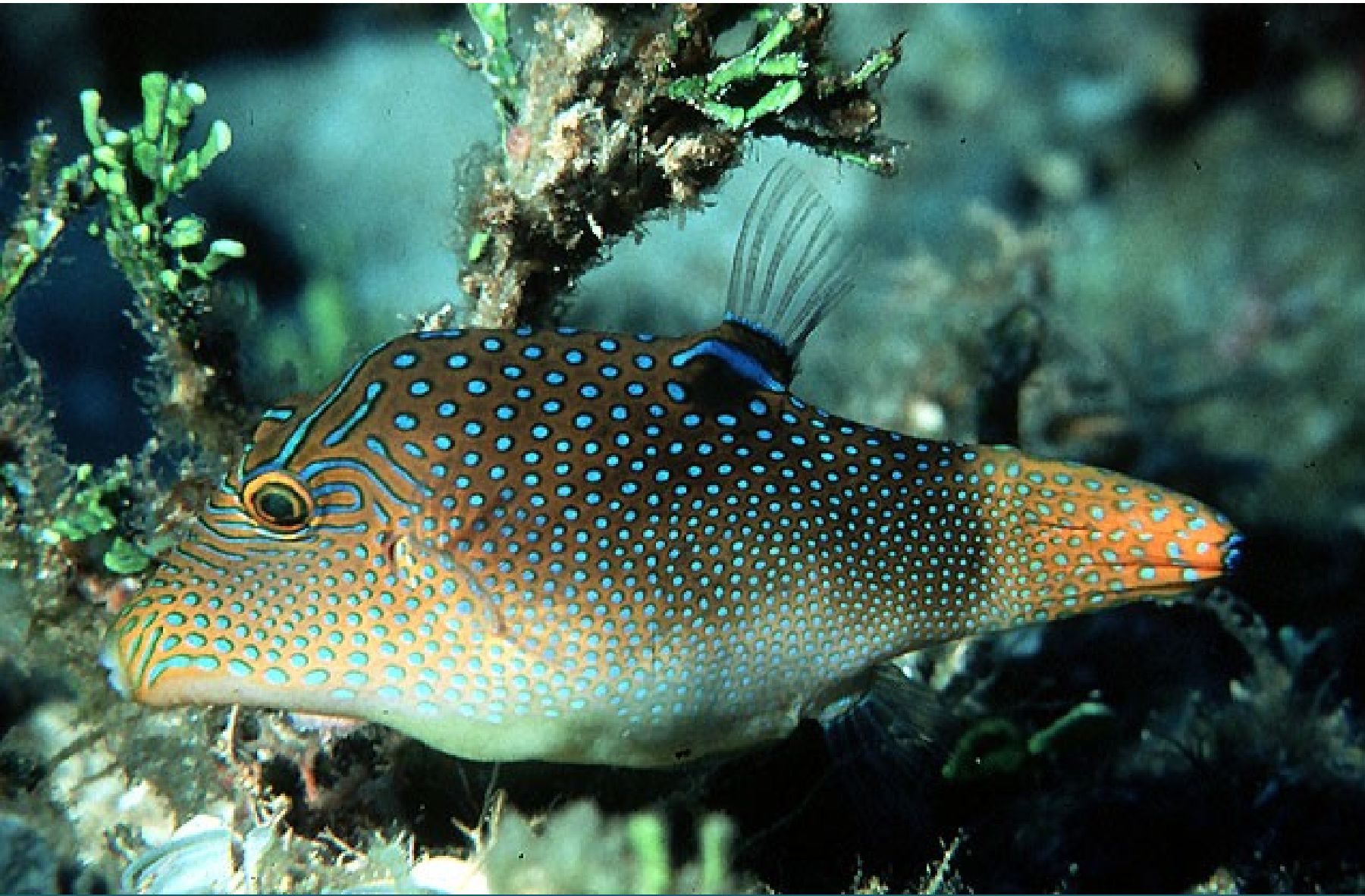
Tetraodontiformes

Tetraodontidae

11 cm



Canthigaster solandri



ariofilia
rganismos

Tetraodontiformes

Tetraodontidae

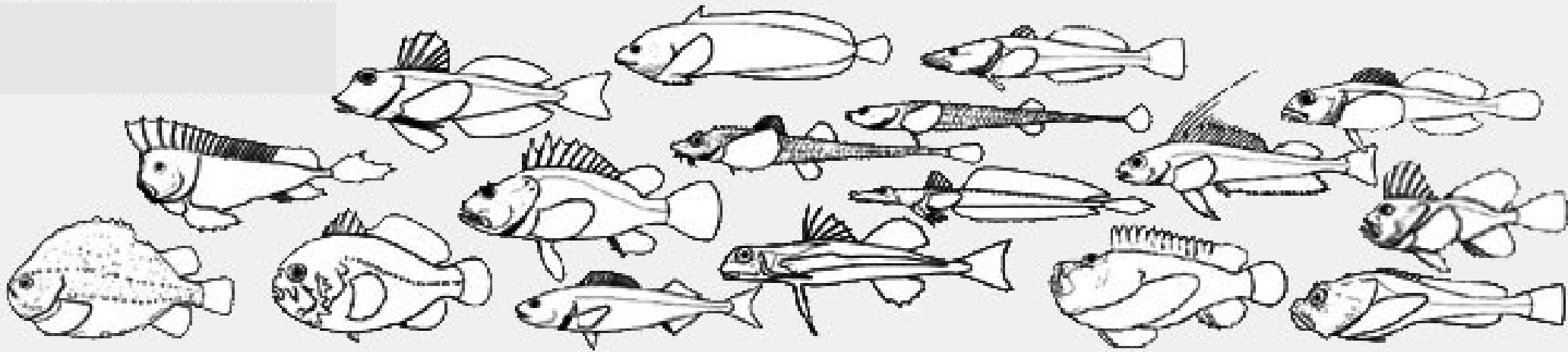
11 cm



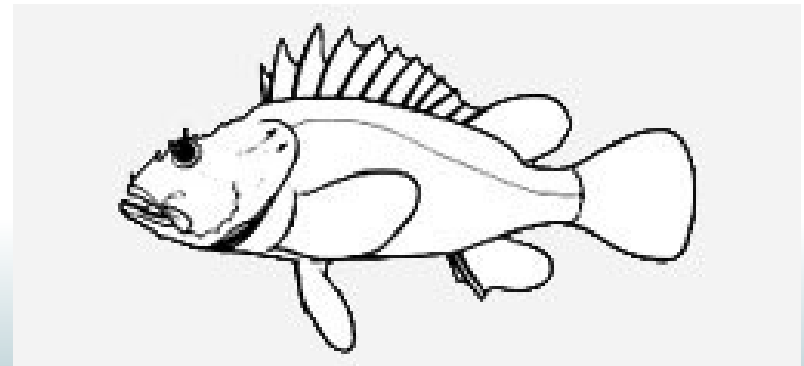
Canthigaster valentini



Scorpaeniformes

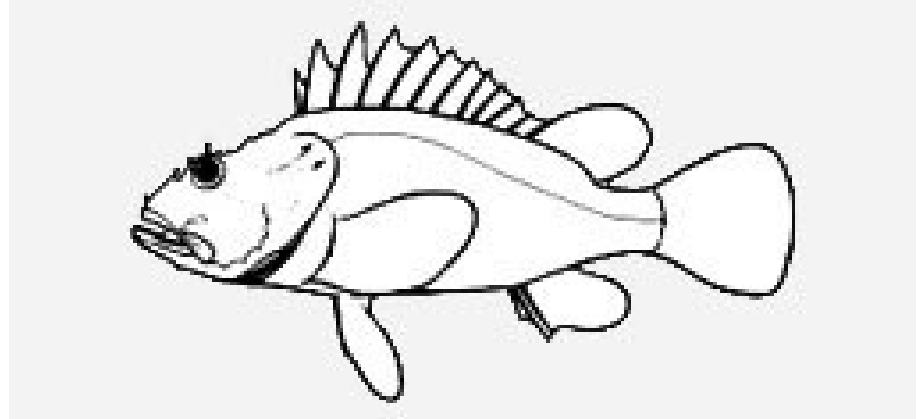


Scorpaenidae
208 sp



Scorpaenidae

Escórporas,
peces escorpión



- Tienen espinas venenosas
- Relativamente inactivos
- Boca de gran tamaño



Scorpaeniformes
Scorpaenidae

25 cm



Dendrochirus zebra



Scorpaeniformes

Scorpaenidae

20 cm



Pterois antennata



acuariofilia
: Organismos

Scorpaeniformes

Scorpaenidae

24 cm



Pterois radiata



curso de acuariofilia
Módulo 2: Organismos

Scorpaeniformes

Scorpaenidae

35 cm



Pterois volitans



Scorpaeniformes

Scorpaenidae

30 cm



Rhinopias aphanes



riofilia
animos

Scorpaeniformes

Scorpaenidae

23 cm



Rhinopias frondosa



riofilia
anismos

Scorpaeniformes

Scorpaenidae

30 cm



Scorpaenopsis diabolus

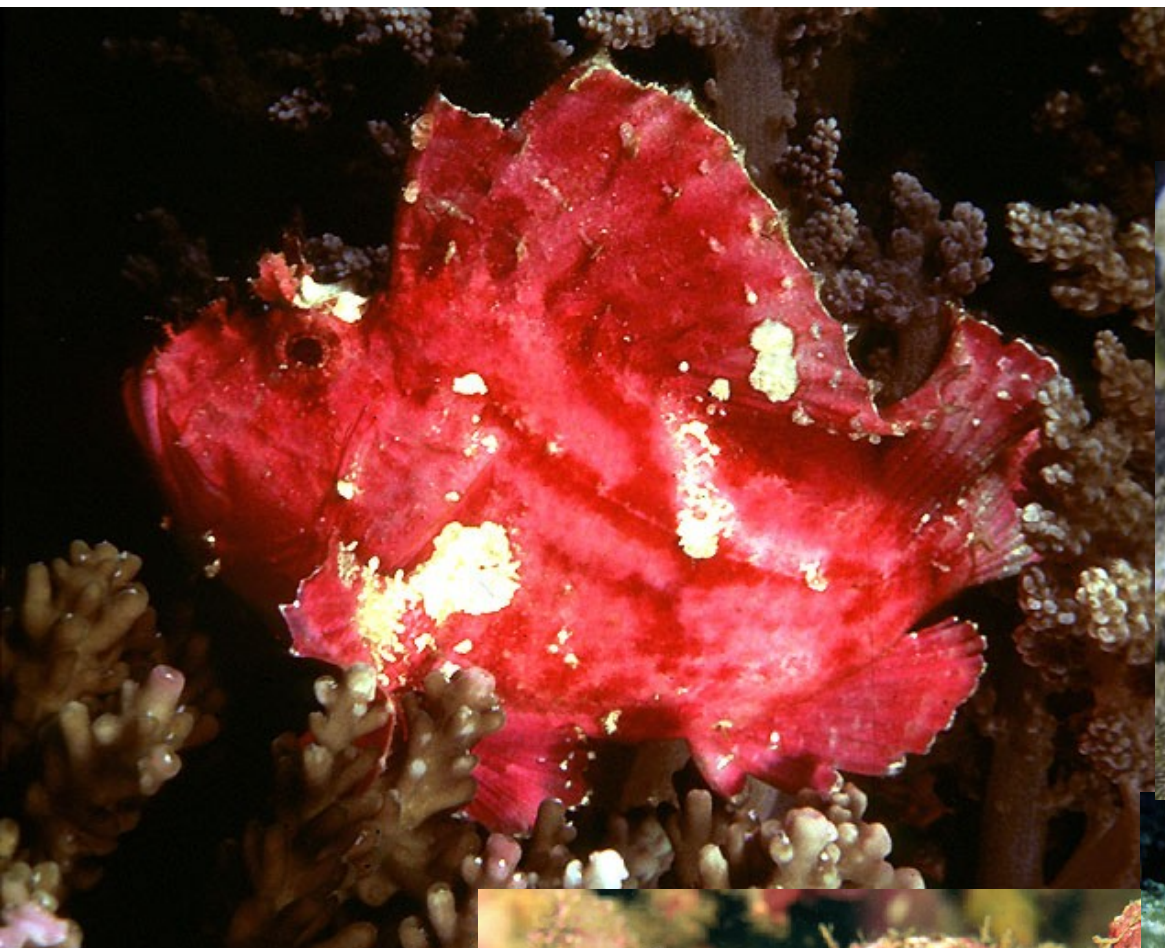


Scorpaeniformes
Scorpaenidae

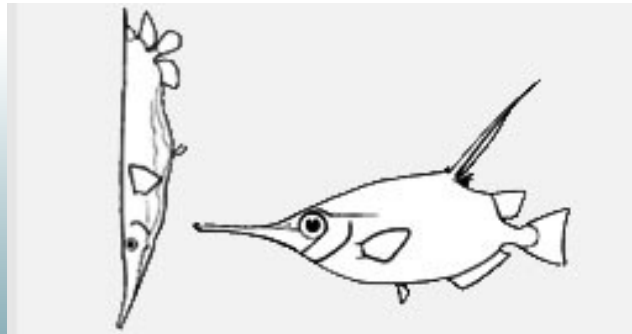
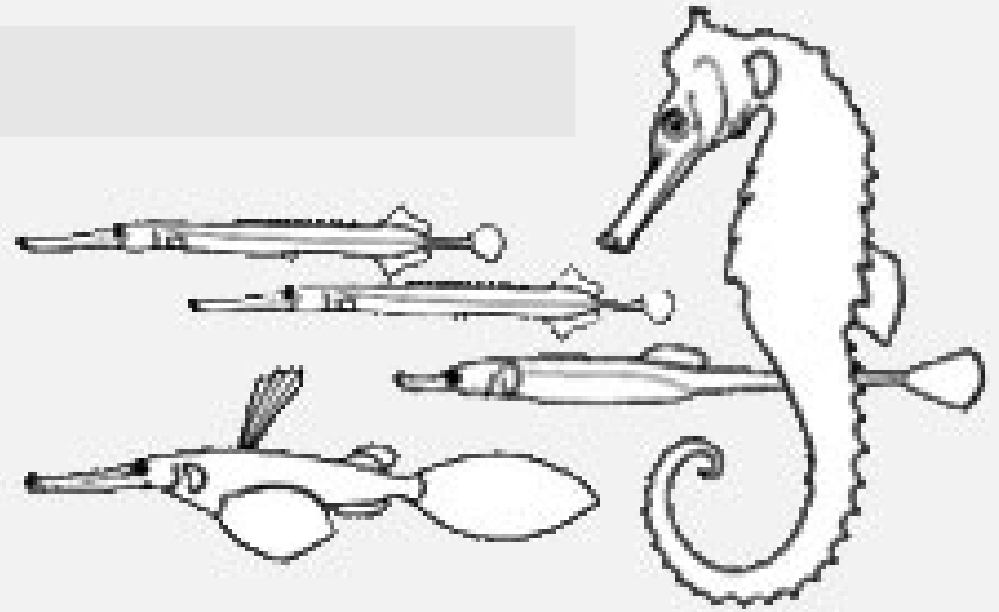
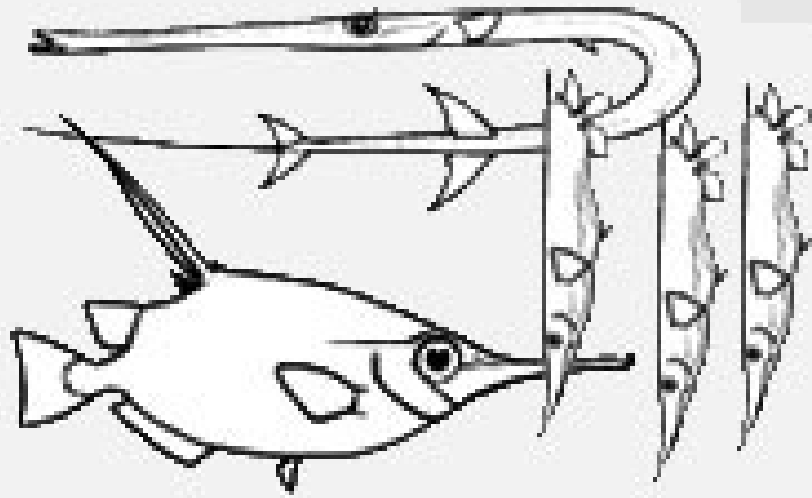
10 cm



Taenianotus triacanthus



Syngnathiformes



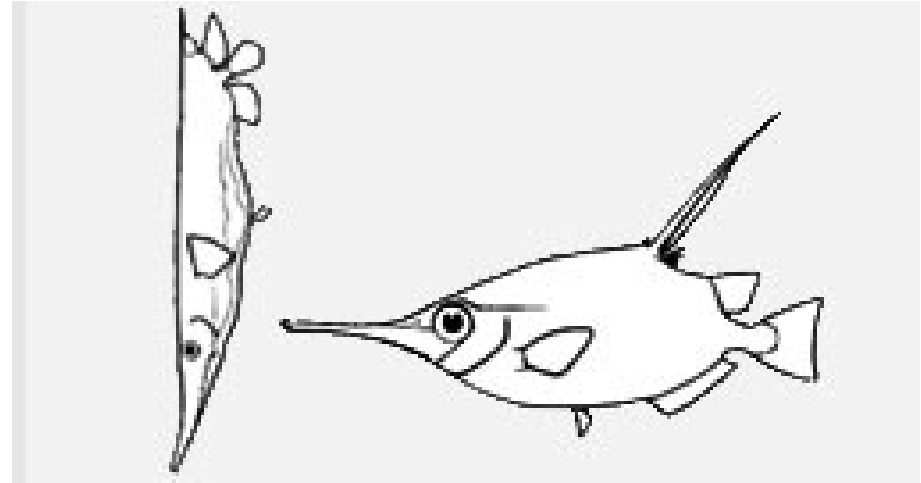
Centriscidae
12 sp



Syngnathidae
299 sp

Centriscidae

Peces navaja



- Cuerpo muy comprimido. Boca tubular
- Nadan en vertical cabeza abajo



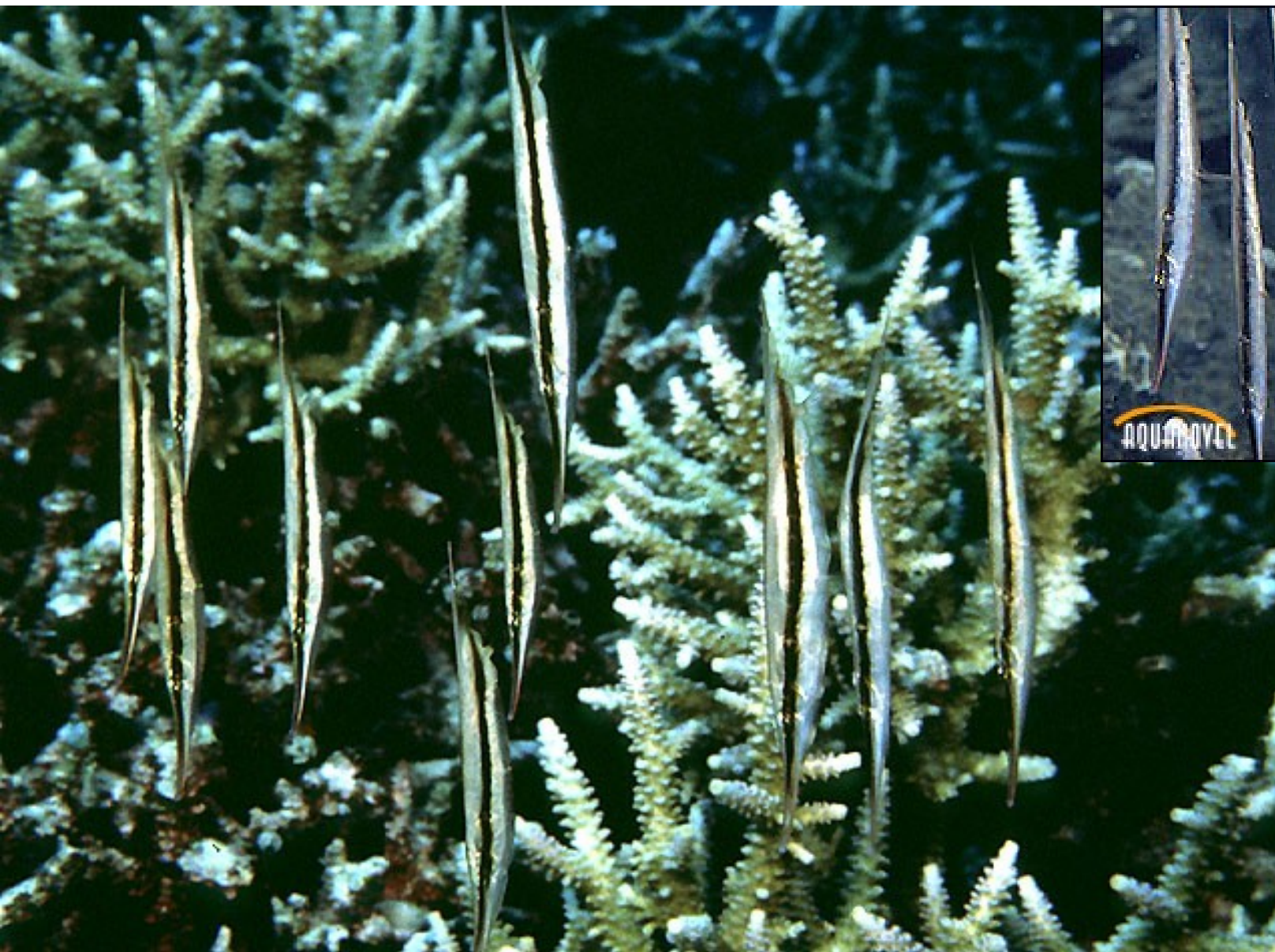
Syngnathiformes

Centriscidae

15 cm



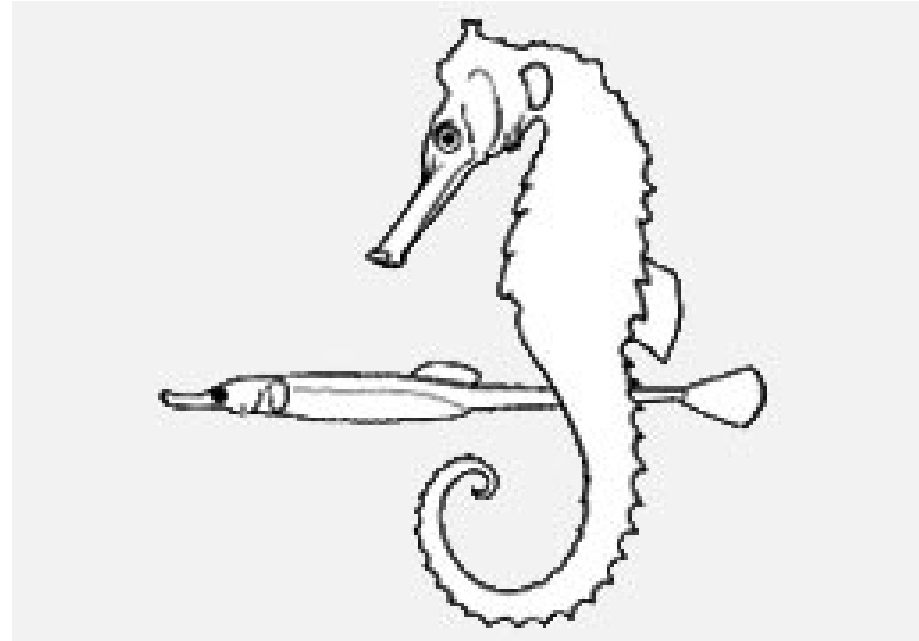
Aeoliscus strigatus



Curso de acuariofilia
Módulo 2: Organismos

Syngnathidae

Caballos de mar,
peces aguja



- Cuerpo protegido por anillos óseos. Boca tubular
- Bolsa de incubación en los machos



Syngnathiformes

Syngnathidae

18 cm



Doryrhamphus dactyliophorus



Syngnathiformes

Syngnathidae

7 cm



Doryrhamphus excisus



curso de acuariofilia
Módulo 2: Organismos

Syngnathiformes

Syngnathidae

15 cm



Hippocampus barbouri



Syngnathiformes

Syngnathidae

22 cm

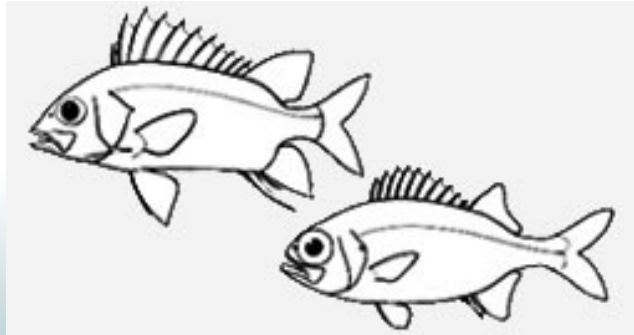
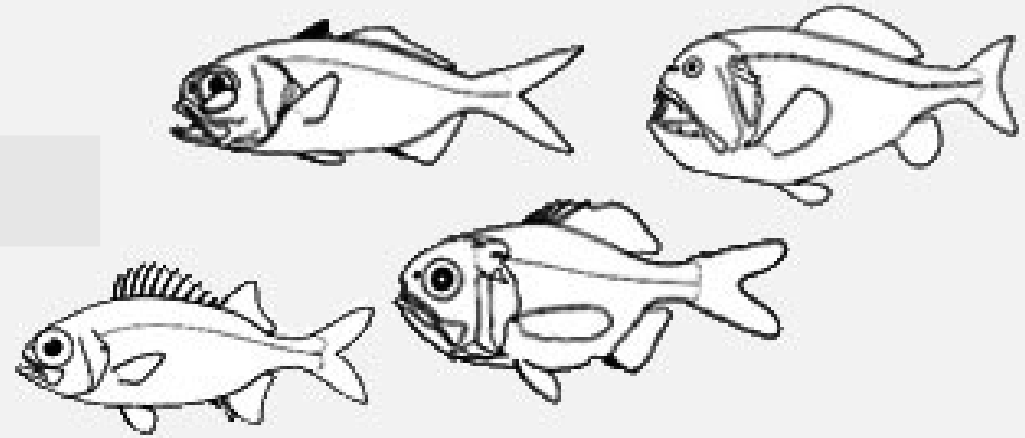
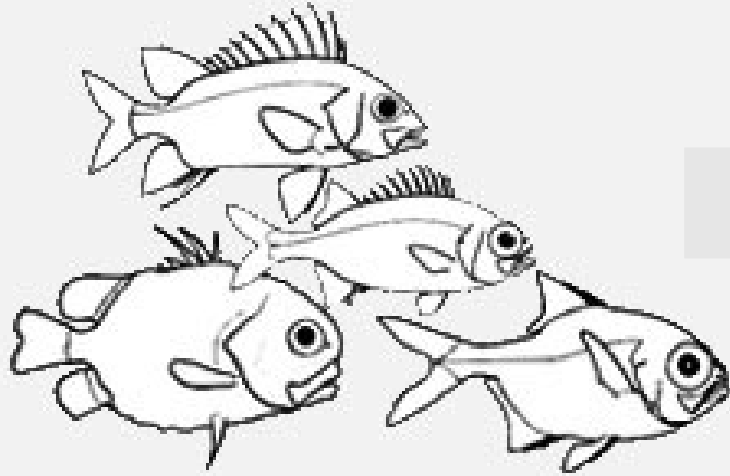


Hippocampus kuda



ofilia
nismos

Beryciformes

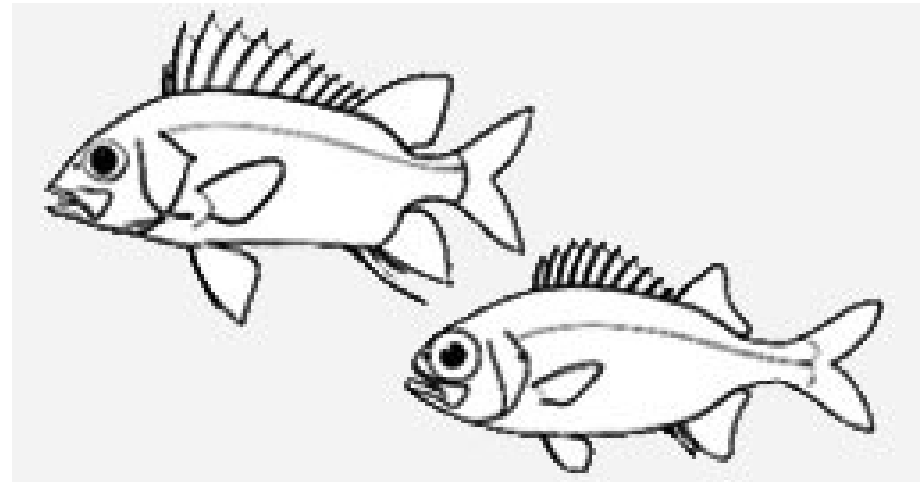


Holocentridae
83 sp



Holocentridae

Peces ardilla,
candiles



- Opérculo con espinas en el borde
- Ojos grandes. Color rojizo. Costumbres nocturnas



Beryciformes

Holocentridae

50 cm



Myripristis murdjan



Acuariofilia
Organismos

Beryciformes

Holocentridae

25 cm



Myripristis jacobus



acuariofilia
: Organismos

Beryciformes

Holocentridae

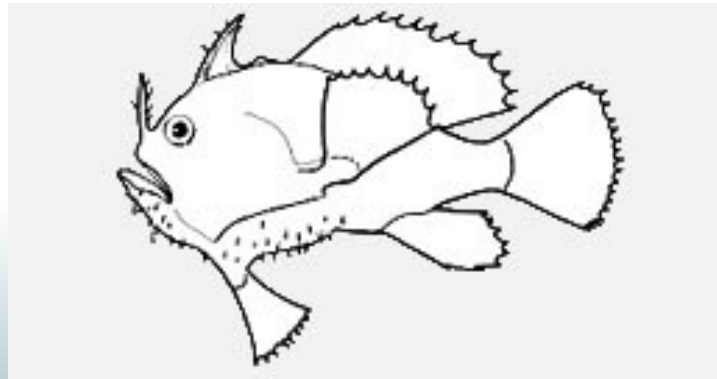
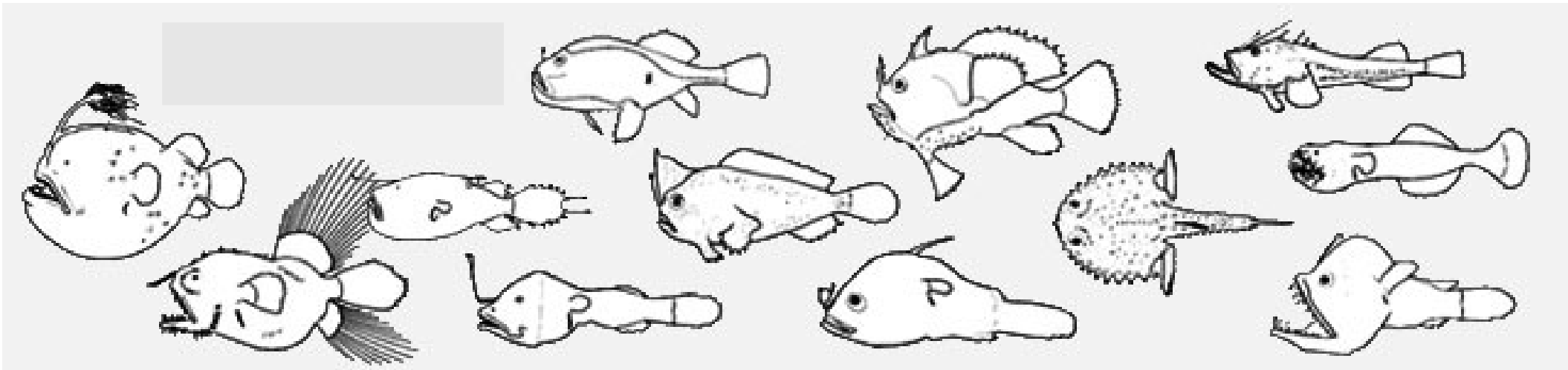
17 cm



Sargocentron diadema



Lophiiformes

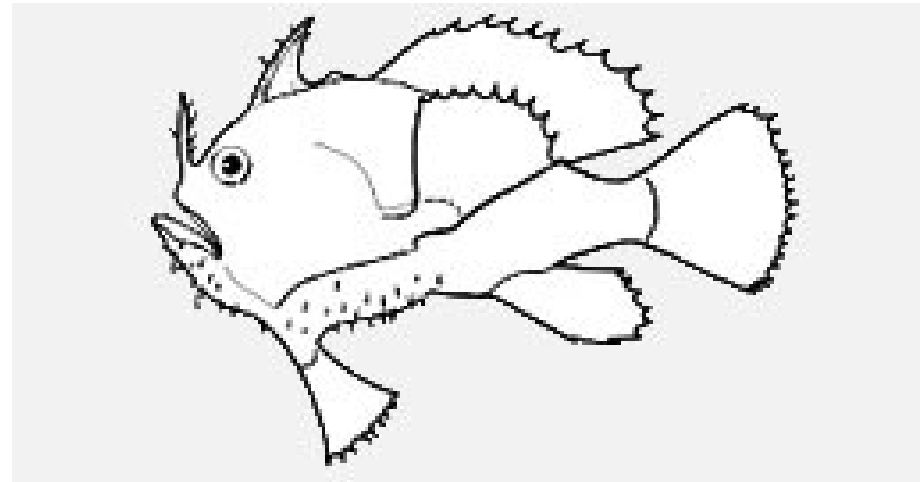


Antennariidae
45 sp



Antennariidae

Pejesapos,
peces pescadores



- Opérculo con espinas en el borde
- Ojos grandes. Color rojizo. Costumbres nocturnas



Lophiiformes

Antennariidae

20 cm



Antennarius multiocellatus



© Karen Honeycutt 2008



ofilia
nismos

Lophiiformes

Antennariidae

30 cm



Antennarius pictus



iofilia
anismos

Lophiiformes

Antennariidae



20 cm



Antennarius striatus



Lophiiformes

Antennariidae



20 cm

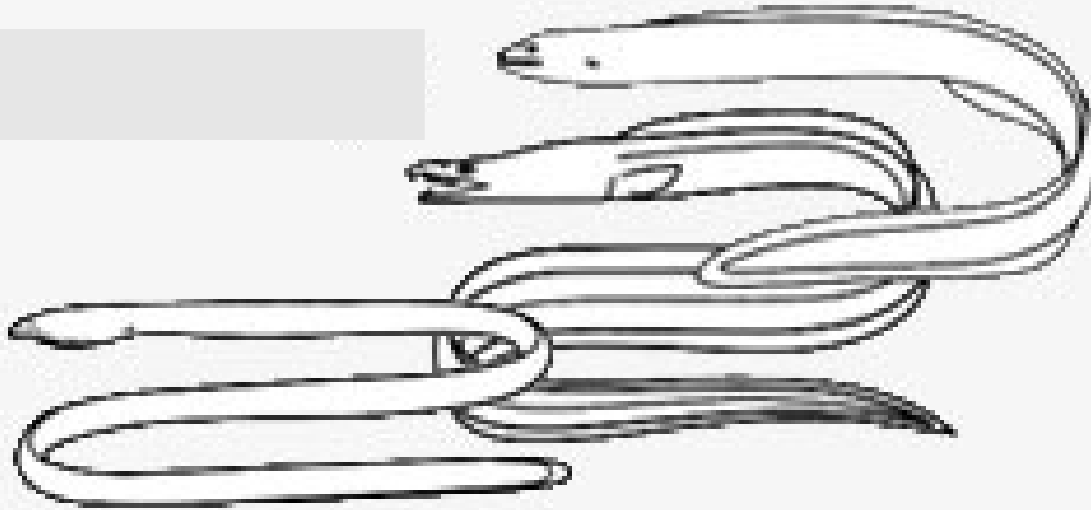


Histrio histrio



curso de acuariofilia
Módulo 2: Organismos

Anguilliformes



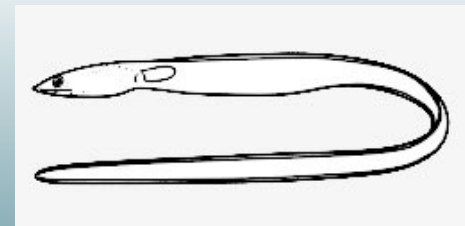
Congridae
188 sp



Muraenidae
198 sp

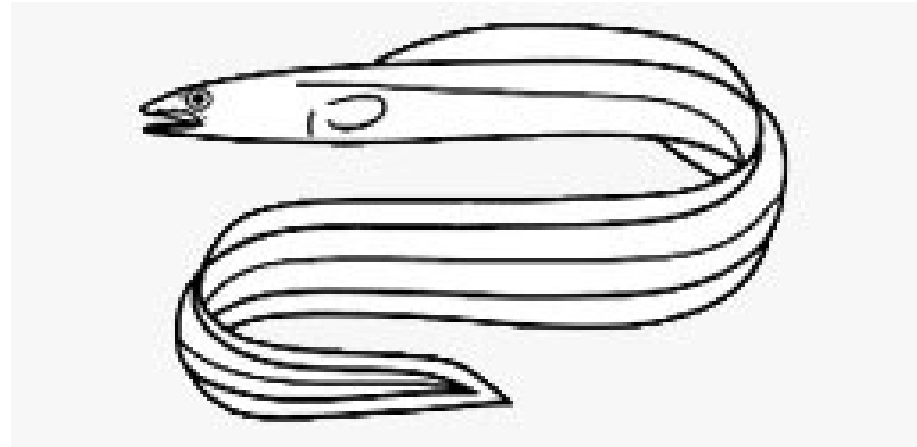


Ophichthidae
299 sp



Congridae

Congrios



- Aletas dorsal, caudal y anal fusionadas. Sin ventrales
- Cuerpo sin escamas



Anguilliformes

Congridae

40 cm



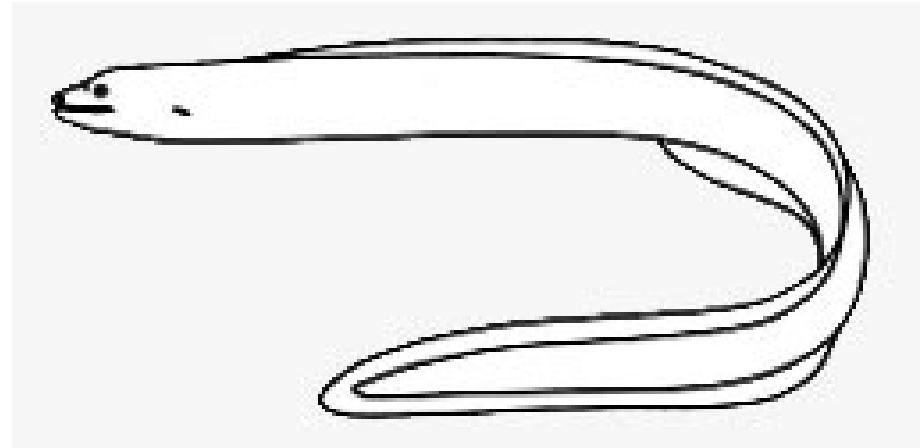
Heteroconger hassi



curso de acuariofilia
Módulo 2: Organismos

Muraenidae

Morenas



- Aletas dorsal, caudal y anal fusionadas. Sin pectorales ni ventrales. Cuerpo sin escamas
- Dientes numerosos en forma de colmillo



Anguilliformes

Muraenidae

165 cm



Echidna catenata



Anguilliformes

Muraenidae

80 cm



Echidna nebulosa



Anguilliformes

Muraenidae

150 cm



Gymnomuraena zebra



Anguilliformes

Muraenidae

300 cm



Gymnothorax favagineus



Anguilliformes

Muraenidae

80 cm



Gymnothorax fimbriatus



Anguilliformes

Muraenidae

65 cm



Gymnothorax griseus



cuariofilia
Organismos

Anguilliformes

Muraenidae

26 cm



Gymnothorax melatremus



Anguilliformes

Muraenidae

200 cm



Gymnothorax moringa



Anguilliformes

Muraenidae

130 cm

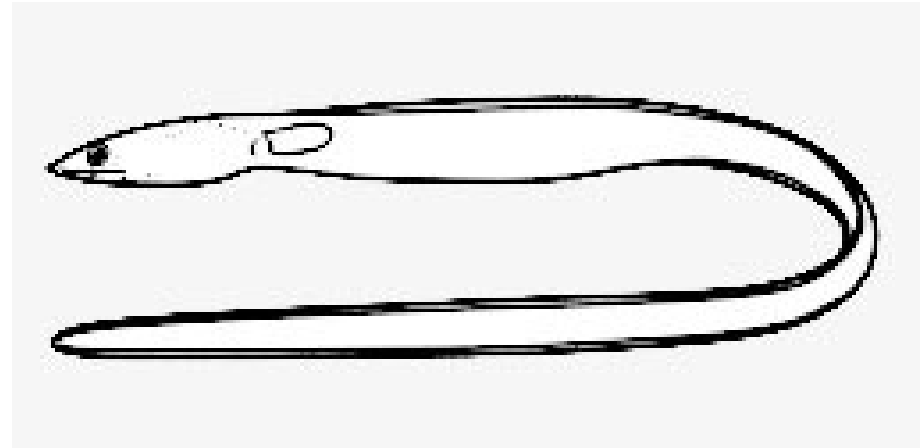


Rhinomuraena quaesita



Ophichthidae

Peces serpiente



- Aletas dorsal, caudal y anal fusionadas. Pueden tener pectorales o no. Sin ventrales.
- Cuerpo muy alargado



Anguilliformes

Ophichthidae

100 cm



Myrichthys maculosus



S