

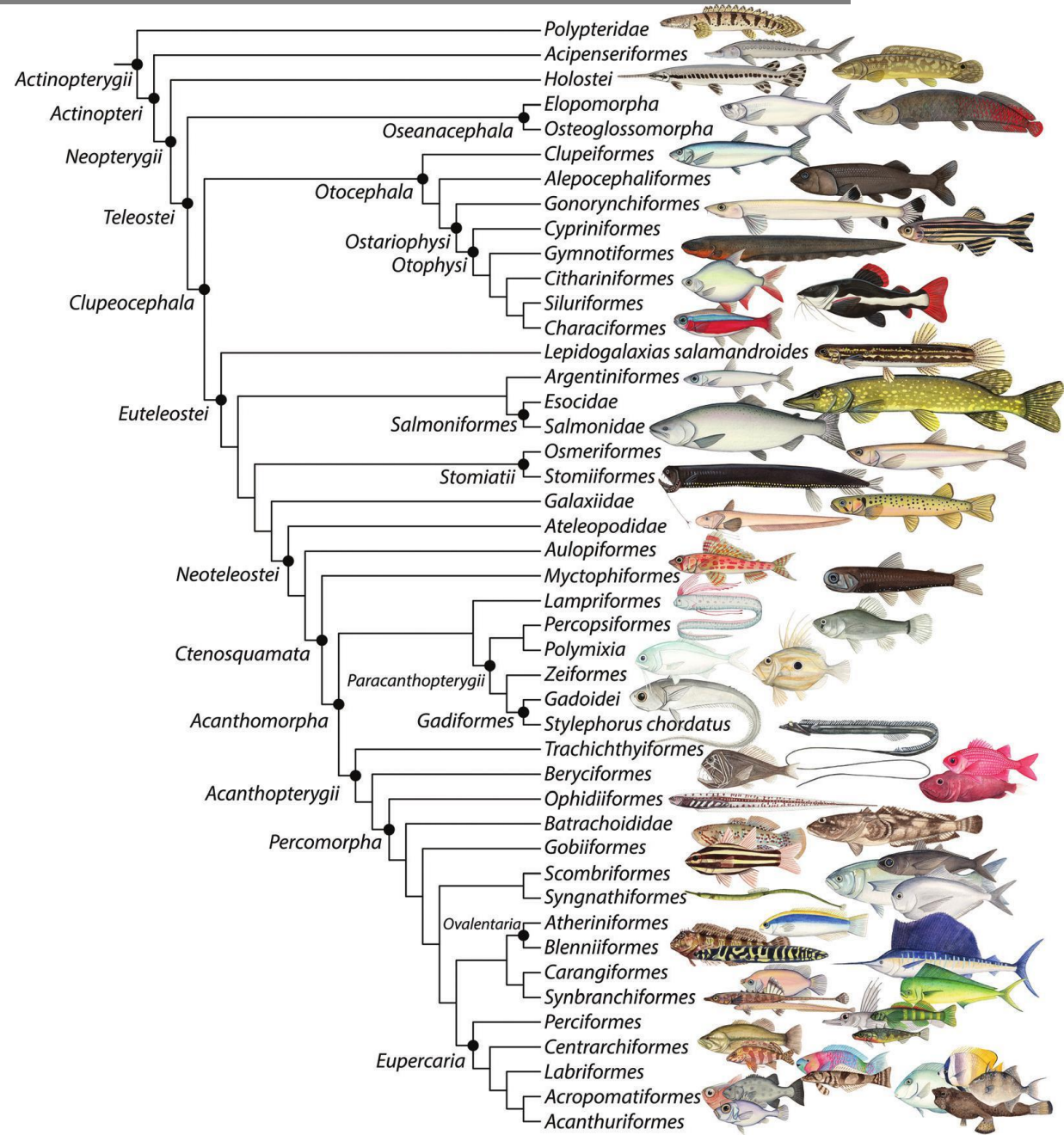


Common Fish Species Found in The Gulf of Thailand

Supapong Pattarapongpan, FO, RDD

SEAFDEC/TD

2



Major group of fish found

3

- Elasmobranchii

- Selachii

- Orectolobiformes

- Hemiscyllidae

- *Chiloscyllium punctatum*



- Batoidea

- Myliobatiformes

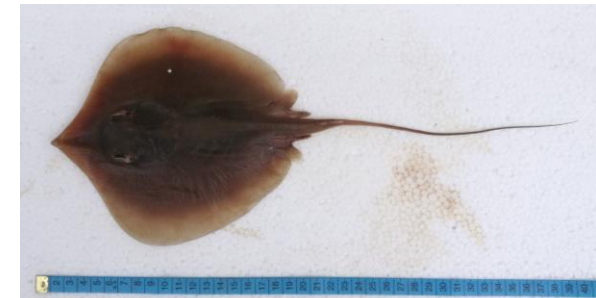
- Dasyatidae

- *Brevitrygon heterura*

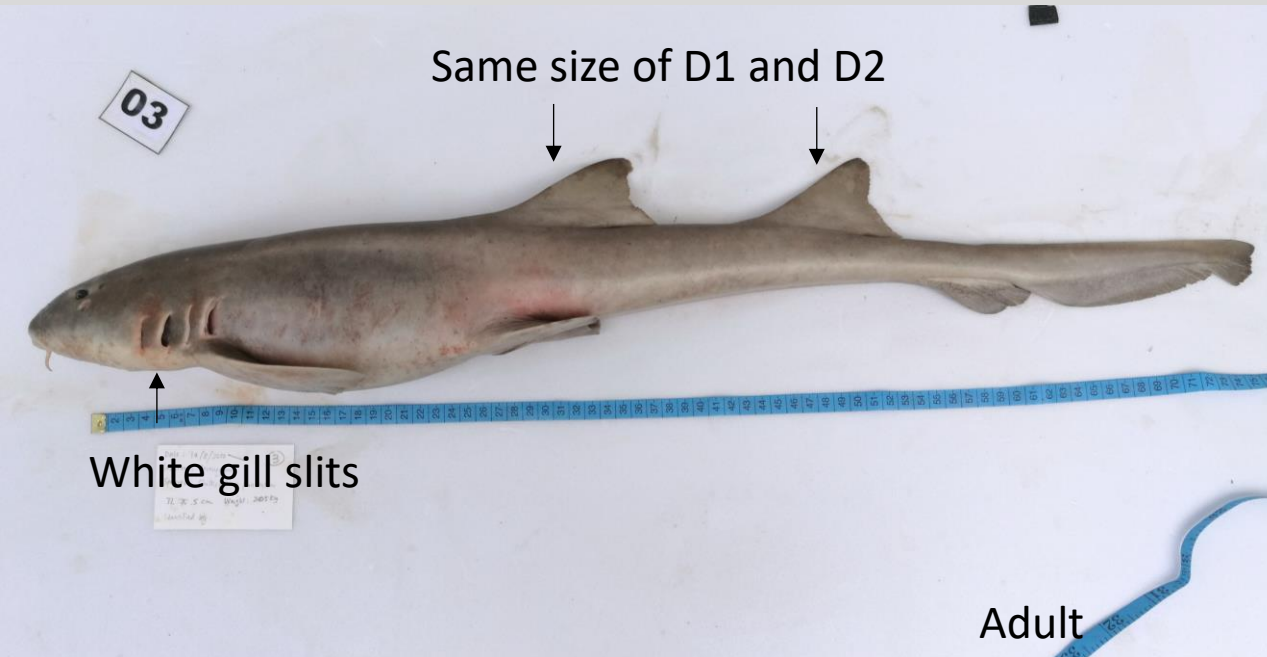
- *Brevitrygon imbricata*

- *Maculabatis gerradii*

- *Telatrygon zugei*



Hemiscyllidae



ฉลามกบ

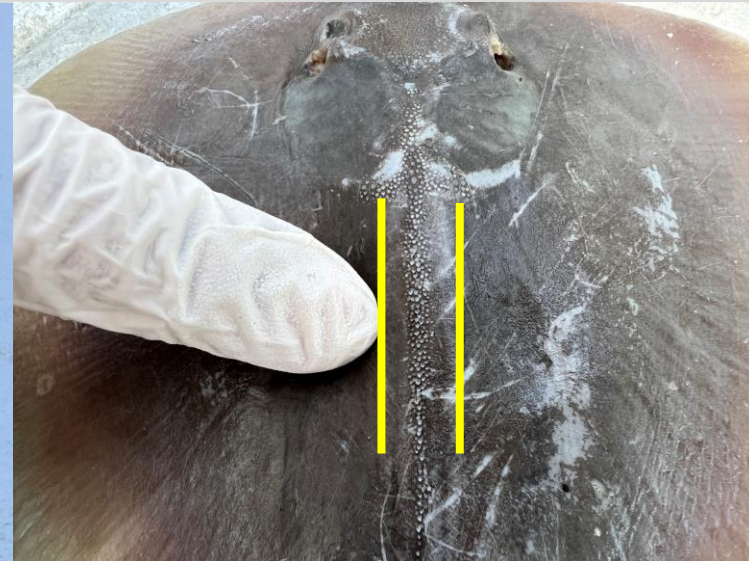
Brownbanded bambooshark

Grey carpet shark

Chiloscyllium punctatum



Dasyatidae



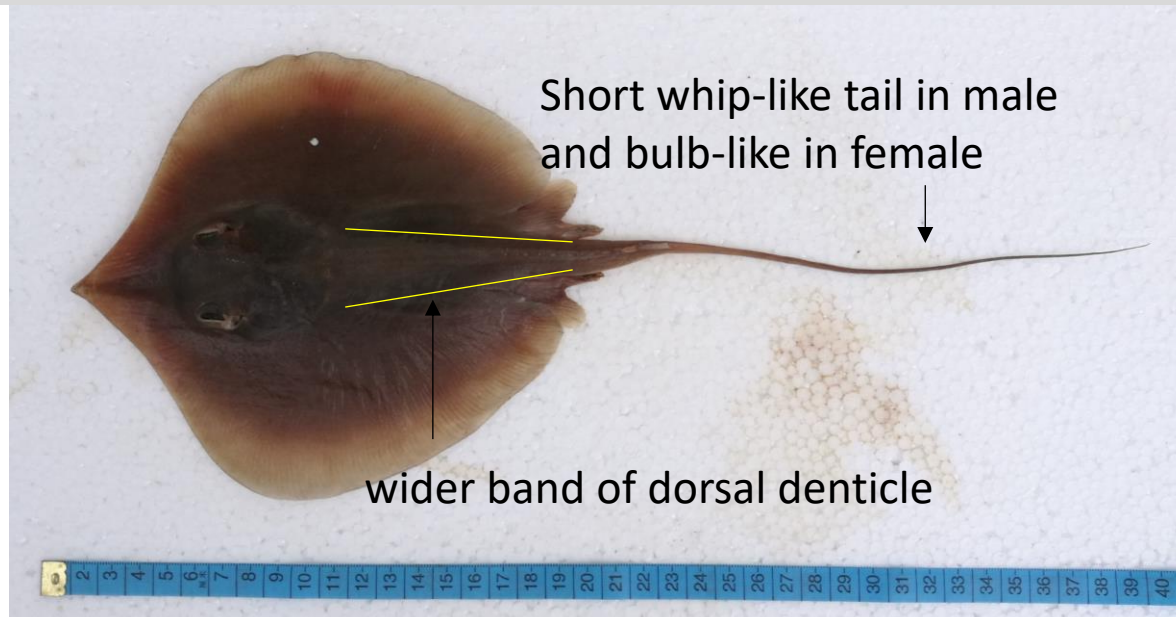
กระบาง กระเบนตัวกุดตา

Scaly whipray

Bengal whipray

Brevitrygon imbricata

Dasyatidae



กระบ่าง กระเบนตัวกุดตา

Dwarf whipray

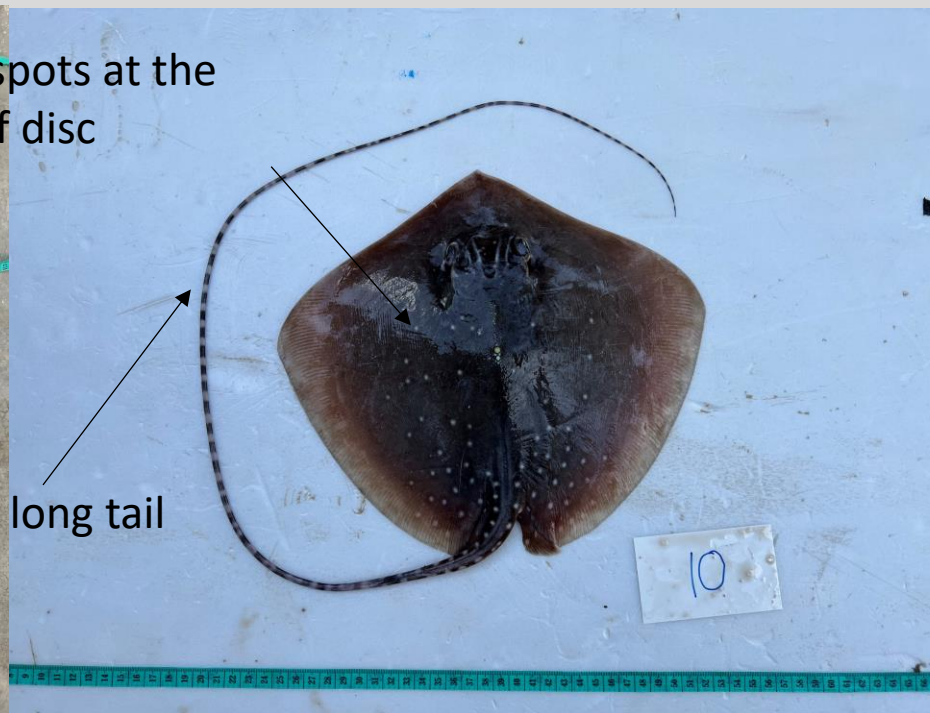
Brevitrygon heterura

Dasyatidae



Small white spots at the dorsal side of disc

Whip-like and long tail



Spots absent in some juvenile



กระเบนแมลงวัน

Whitespotted whipray
Brevutrygon heterura

Large-green denticle with smaller few white denticles behind

Dasyatidae



กระเบนจมูกแหลม

Sharpnose stingray

Telatrygon zugei

Have a distinctively sharp snout



Major group of fish found

9

- Actinopterygii

- Teleostei

- Anguiliformes

- Muraenidae

- *Gymnothorax pseudothyrsoides*

- *Gymnothorax thyrsoides*

- Ophichthidae

- *Ophichthus cancrivorus*



- Clupeiformes

- Clupeidea

- *Sardinella gibbosa*

- Aulopiformes

- Synodontidae

- *Saurida elongata*

- *Saurida undosquamis*



- Dactylopteriformes

- Pegasidae

- *Pegasus* sp.



Muraenidae



มอเรีย

Highfin Moray Eel

Gymnothorax pseudothyrsoideus

- brownish body with some spots
- no distinct darker color at head
- longer snout compared to *G. thyrsoideus*



ไทมอเรีย

Gymnothorax pseudothyrsoideus (Bleeker, 1853) 72.0 cm TL.



Muraenidae



มอเรียตาโต

White-eye Moray Eel

Gymnothorax thyrsoideus

- yellowish body with dark spots all along
- distinct darker color at head
- white eye orbital

Ophichthidae



Sharp snout with large nostril tubular presented

ปลาไหลงู

snake Eel

Ophichthus cancrivorus

- dark brown in dorsal and white or yellowish in ventral
- dark dorsal fin
- small pectoral fin



Clupeidae



อกแฉะ หลังเขียว

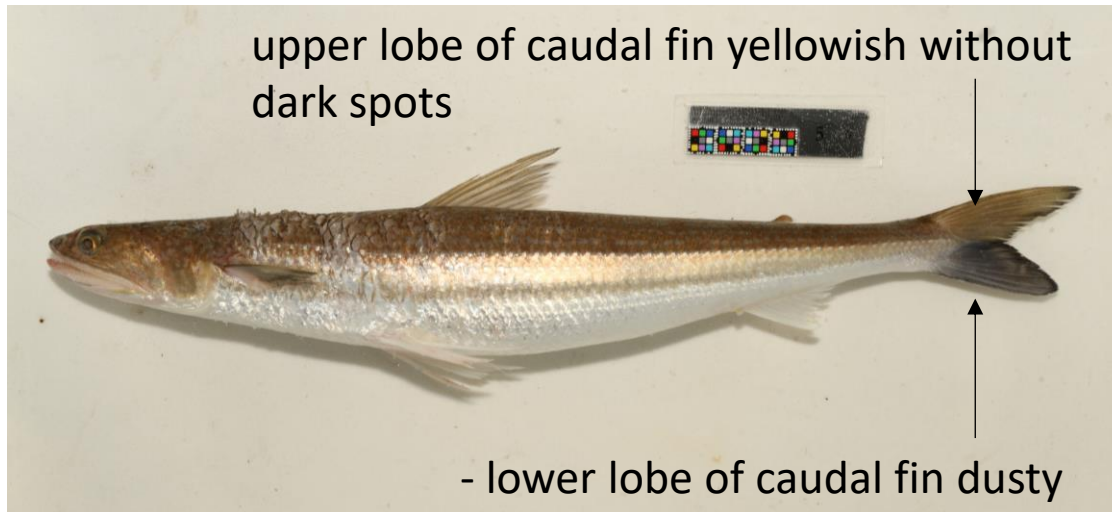
Fringe headed sardine

Sardinella gibbose

- mouth opening before eye orbital
- greenish dorsal
- yellowish band presented dorsal side



Synodontidae



ปากคมยาว

Slender Lizardfish

Saurida elongata

- longer body length than other *Saurida*
- smaller eye diameter than other *Saurida*
- longer snout than other *Saurida*
- usually found as a large lizardfish



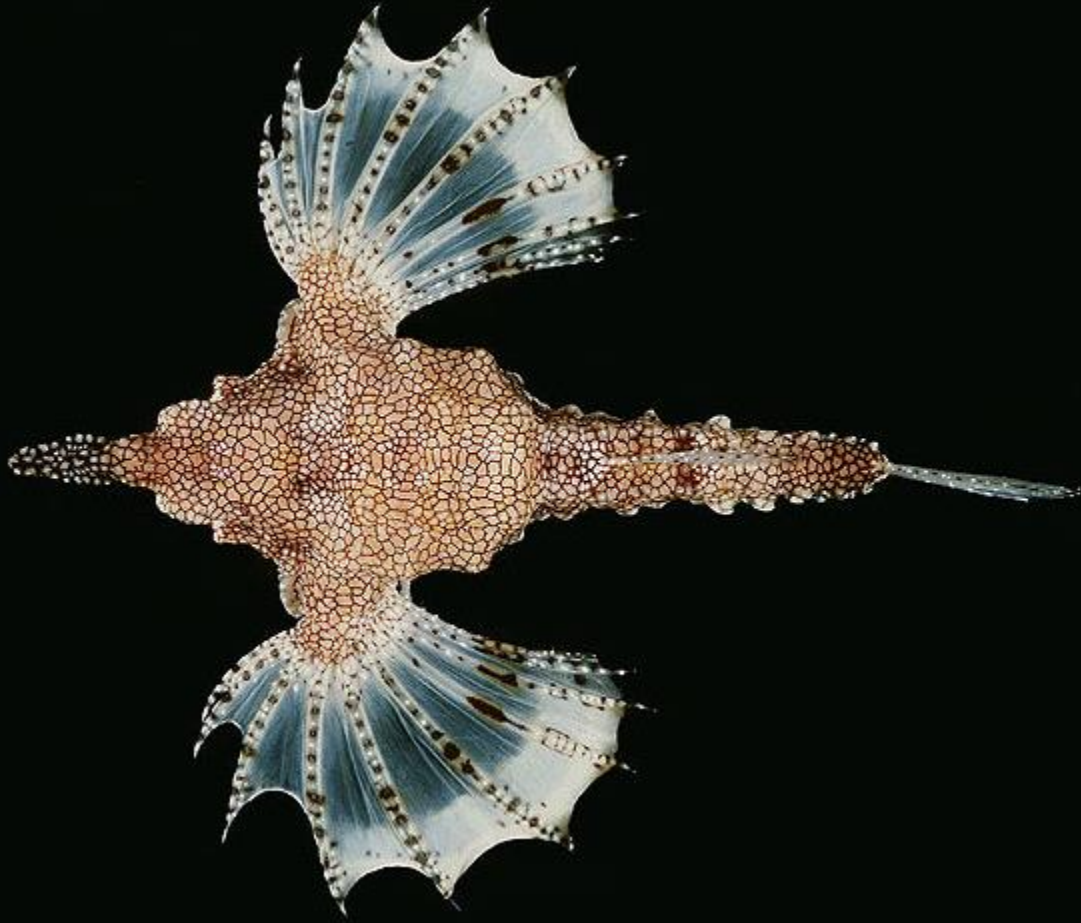
ปากคมจุด

Brushtooth Lizardfish

Saurida undosquamis

- usually found as a smaller lizardfish

Pegasidae



- ปลาผีเสื้อกลางคืน
- Seamoth
- *Pegasus* sp.

Major group of fish found

16

- Lophiiformes
 - Antennariidae
 - *Antennarius numifer*
- Syngathiformes
 - Fistulariidae
 - *Fistularia petimba*
- Scorpaeniformes
 - Dactylopteridae
 - *Dactylopterna orientalis*
 - Apistidae
 - *Apistus carinatus*
 - Scorpaenidae
 - *Pterois russelii*
 - Synanceiidae
 - *Inimicus inerveri*
 - Platycephalidae



Antennariidae



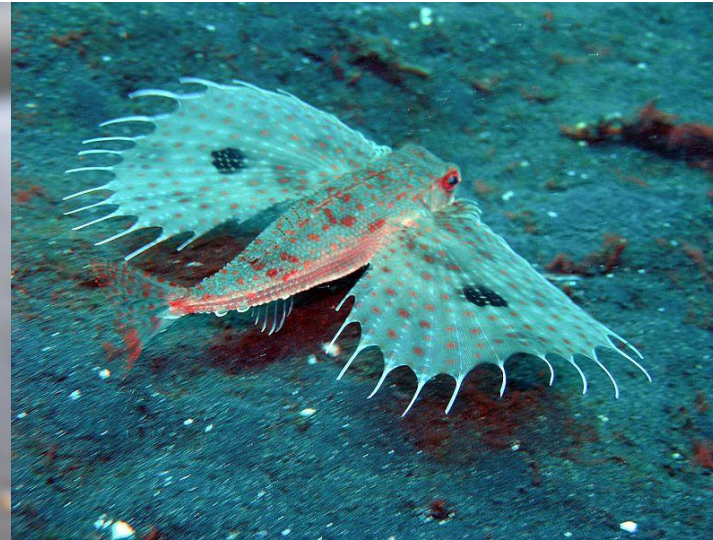
- ปลากบ
- Frogfish
- *Antennarius numifer*
 - comes in many color and size
 - but can be distinct by the large-black spot at the 2nd D-fin

Fistulariidae



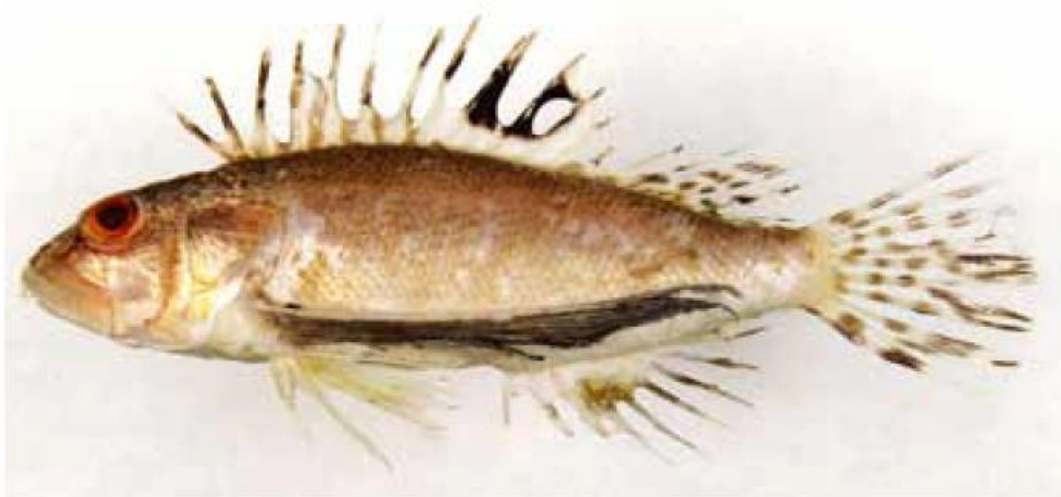
- ปลาปากแตร
- Rough Flutemouth
- *Fistularia petimba*
 - very common, found almost every stations
 - large lateral scale and distinctive dorsal spines presented
 - long filament at the forked-tail

Dactylopteridae



- ปลานกฮูก
- Oriental Helmet Gurnard
- *Dactylopterus orientalis*

Apistidae



Apistus carinatus, KAUM-I. 32821, 10.0 cm SL
Gulf of Thailand (SS), 25 Oct. 2010

- ปลาแมงป่อง
- Ocellated Waspfish
- *Apistus carinatus*
 - Elongated pectoral fin similar to lionfish
 - No horns or ridges
 - Dark distinct spot at posterior of 1st dorsal fin

Scorpaenidae



- ปลาสิงโต
- Plaintail Firefish
- *Pterois russelii*

- Elongated pectoral fin, reached beyond body length
- Distinct orbital ridges with antenna-like skin presented
- Elongate fin spines and fin rays
- Reddish body with several dark bands

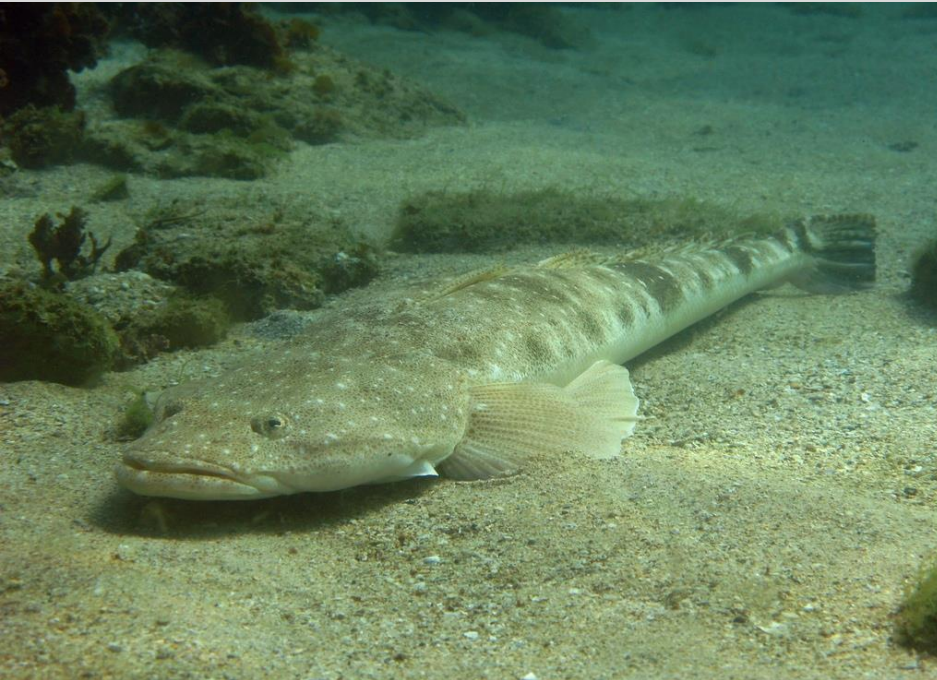
Synanceiidae



- ปลาแมงป่อง ปลากระรังหัวโขน ปลาหิน
- Longsnout Stinger
- *Inimicus cuvieri*



Platycephalidae



Platycephalus indicus



Elates ransonettii



Kumococius rodericensis



Grammoplites scaber



Platycephalus cultellatus



Inegocia japonica

- ปลาหางควาย ช้างเหี้ยบบ
- Flathead
- Very difficult to do species ID without proper taxonomic guidebook

Major group of fish found

24

- Perciformes

- Serranidae

- *Epinephelus coioides*
 - *Epinephelus quoyanus*
 - *Epinephelus sexfasciatus*



- Priacanthidae

- *Priacanthus macracanthus*
 - *Priacaathus tyenus*



- Apogonidae

- *Apogon pleuron*
 - *Apogon* spp.



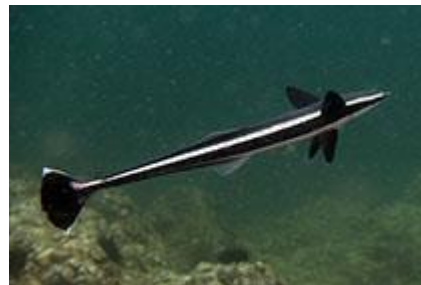
- Rachycentridae

- *Rachycentron canadum*

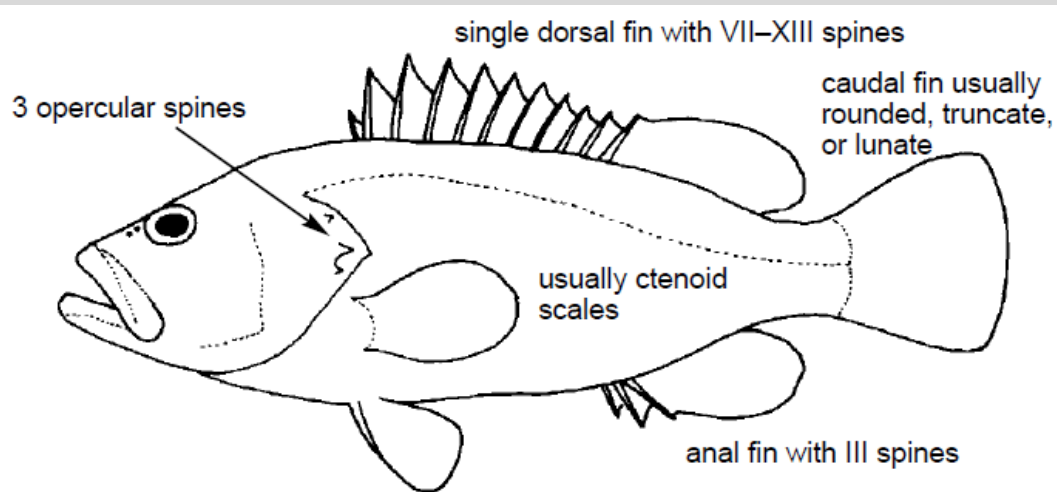


- Echenidae

- *Echenius naucrates*



Serranidae



- เก๋าจุด เก๋าจุดแดง
- Orange-Spotted Grouper
- *Epinephelus coioides*
 - body dark brown with small reddish spots
 - dark band can be seen, especially juvenile

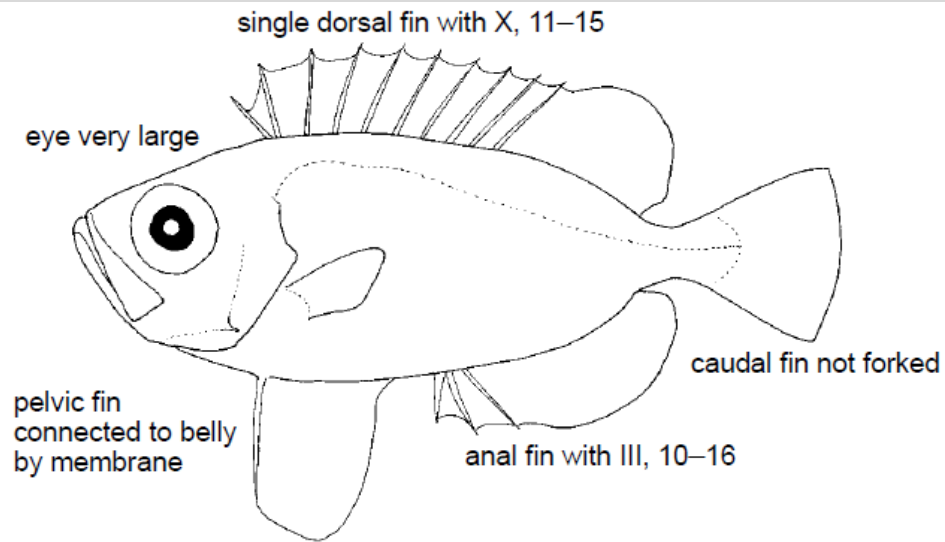


- เก๋าหกแถบ
- Sixbar Grouper
 - small light spots presented
 - clear 6 dark bands presented
- *Epinephelus sexfasciatus*

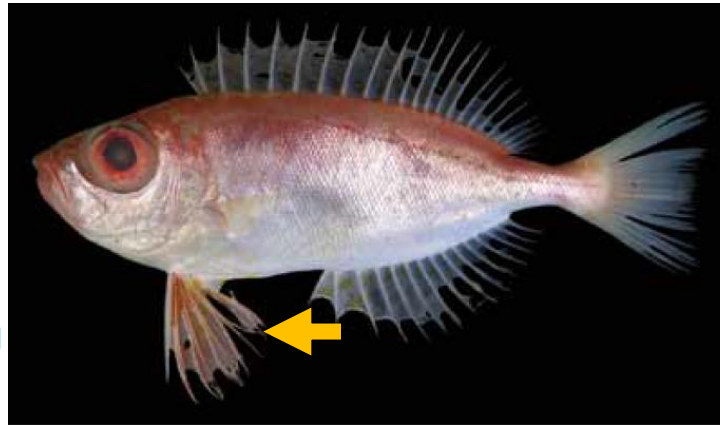


- เก๋าดู๊กแก
- Longfin Grouper
 - shortest snout
 - largest dark spots found throughout of the body
- *Epinephelus quoyanus*

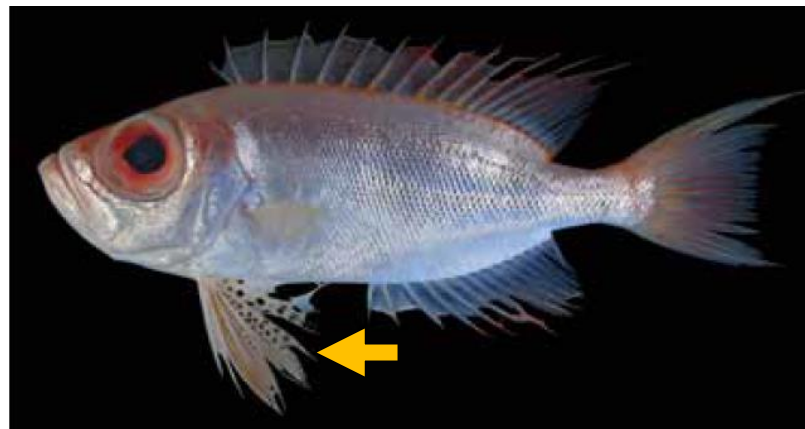
Priacanthidae



- ปลาทาหวาน
- Bigeyes, Bullyeyes

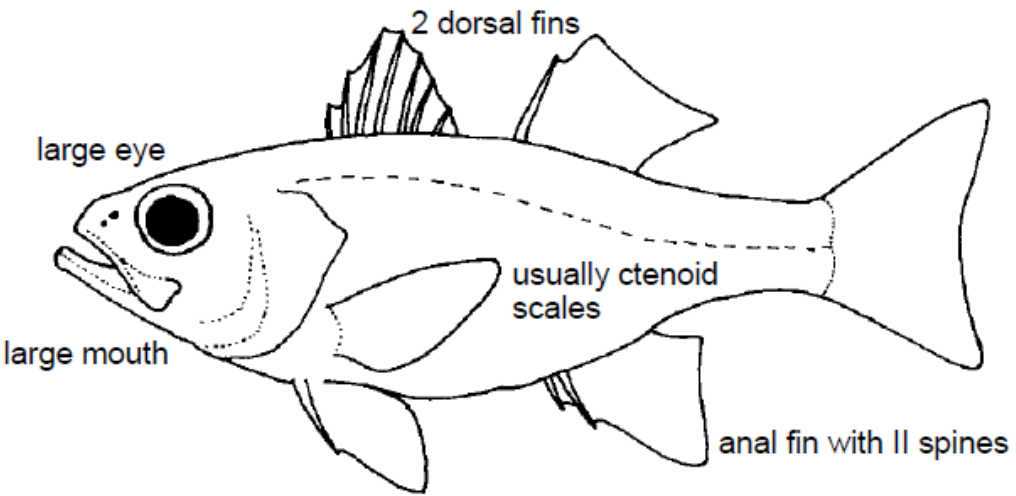


- Brownspotted Bigeye
- *Priacanthus macracanthus*
 - smaller head and eyes
 - reddish in the dorsal
 - truncated caudal fin



- Purple spot
- *Priacanthus tayenus*
 - larger head and eyes
 - pink in the dorsal
 - truncated caudal fin with slightly elongated upper lobe

Apogonidae



- อมไข่เส้นใหญ่
- *Apogon pleuron*
 - body with clear-thick band
 - all fin reddish
 - always found in large school



- อมไข่เหลือง
- อมไข่จุด
- *Apogon cavitsis*
- *Apogon endekataenia*



Apogon truncatus, KAUM-I. 17203, 12.4 cm SL off Terengganu (KT), 10 Jan. 2005

- อมไข่ครีบน้ำขาว
- *Apogon truncatus*



- อมไข่ดำ
- *Apogon niger*



Apogonichthyoides niger, KAUM-I. 17296, 6.3 cm SL off Terengganu (KT), 20 Jan. 2005

Rachycentridae



- ช่อนทะเล
 - Cobia
 - *Rachycentron canadum*
- body cylindrical and elongate
 - 3 dark bands along the longitudinal side of body
 - 8 distinct dorsal spine presented
 - pectoral fin in abdominal position
 - no sucker disc

Echenidae



- เหาฉลาม
- Ramora
- *Echenius naucrates*



*comparing with *R. canadum*

Major group of fish found

30

- Perciformes

- Carangidae

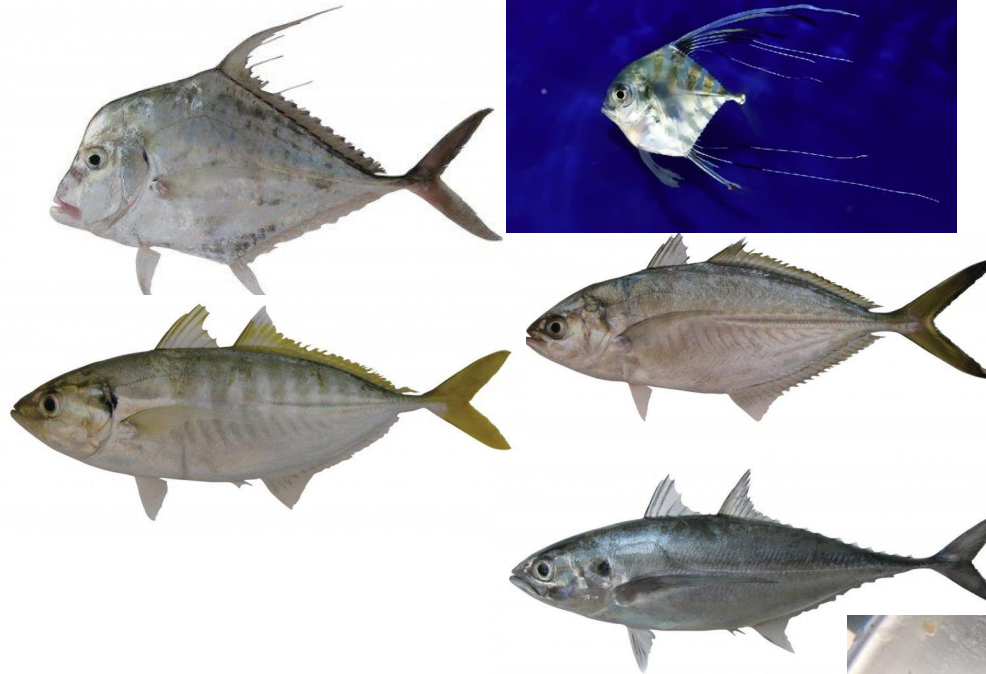
- *Alactis ciliaris*
 - *Alepes vari*
 - *Atule mate*
 - *Parastromateus niger*
 - *Megalaspis cordyla*

- Leiognathidae

- *Equulites oblongus*
 - *Equulites stercorarius*
 - *Eublekeria jonesi*
 - *Secutor indicus*
 - *Photopectolaris bindus*

- Lutjanidae

- *Lutjanus madras*
 - *Lutjanus vitta*



Carangidae



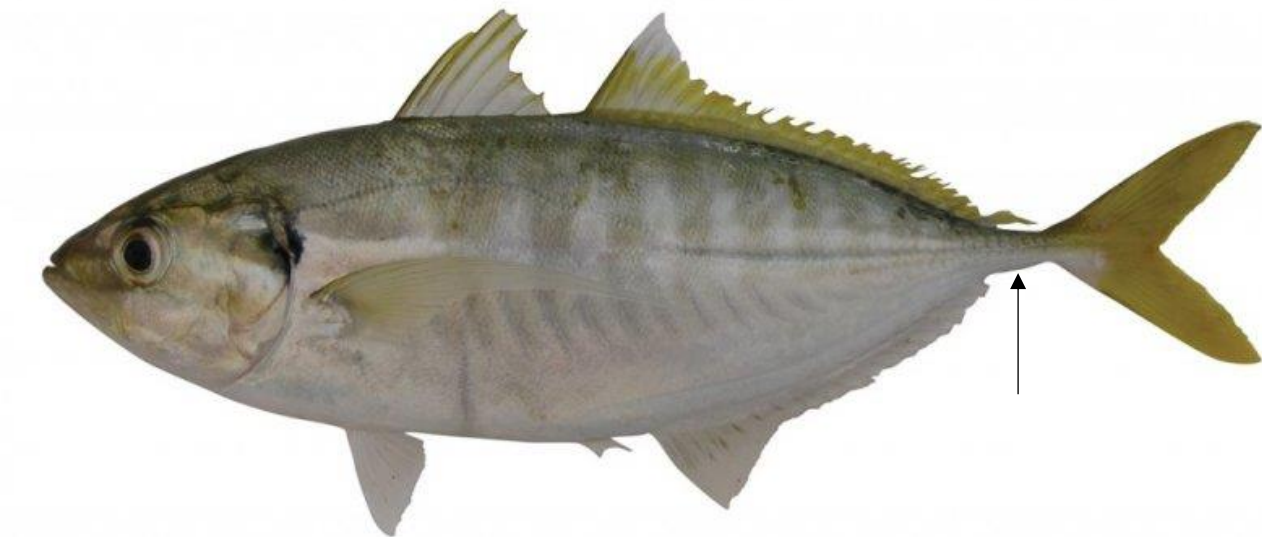
- โฉมงาม
- Threadfin
- *Alectis ciliaris*
 - compressed body
 - silverish body
 - extremely elongate dorsal and anal fin ray in juvenile
 - juvenile usually entering in Ban Pae

Carangidae



- สีกุนรากชาย
- Herring scad
- *Alepes vari*

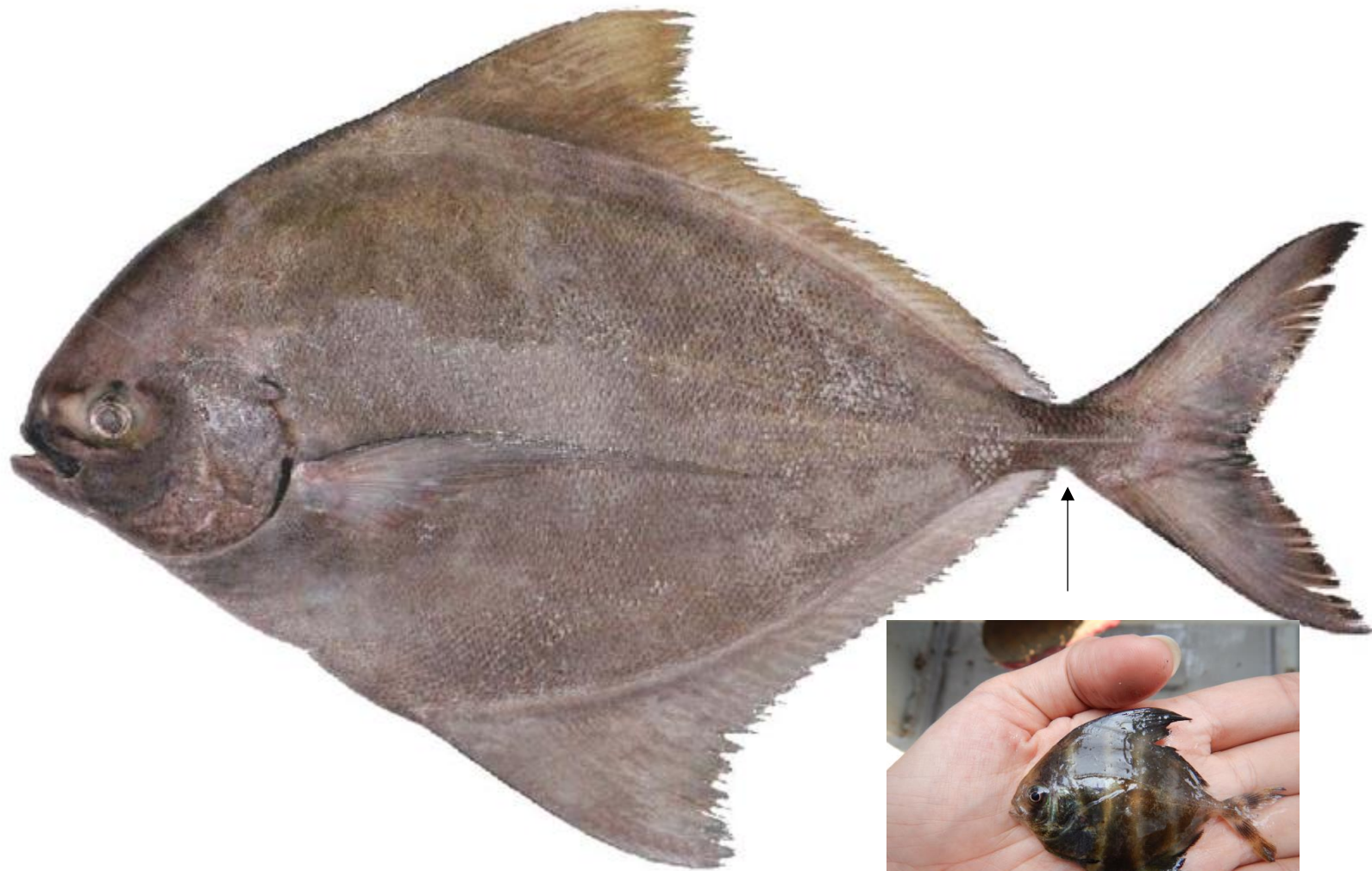
- body length about 4 times of head length
- no clear bars at the lateral side of body
- caudal fin moderately large, larger than body depth
- pectoral fin length less than half of body



- สีกุนบัง
- Yellowtail scad
- *Atule mate*

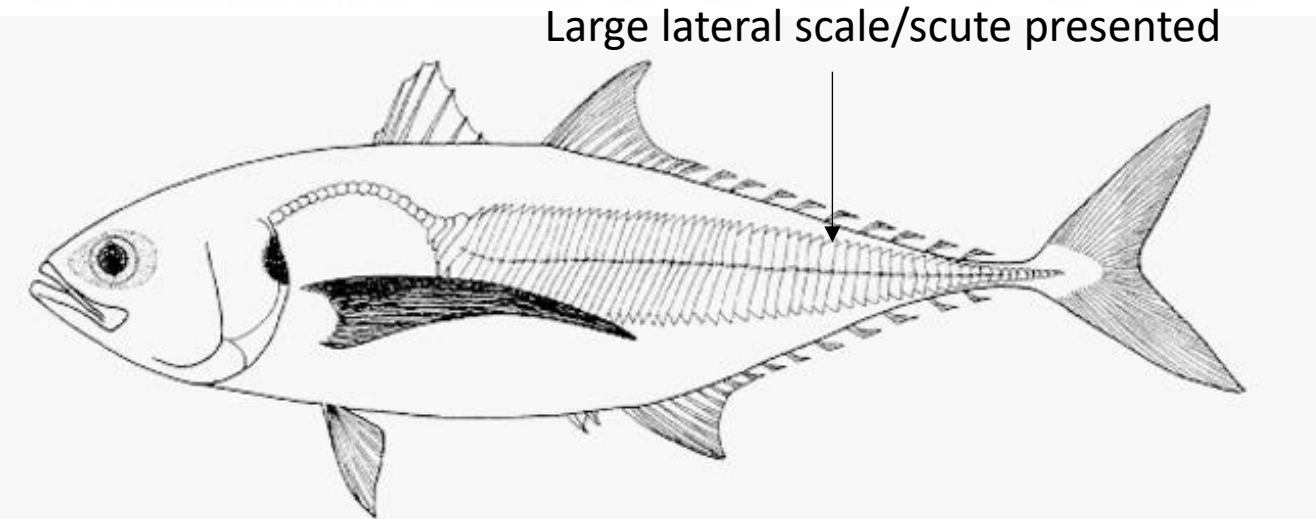
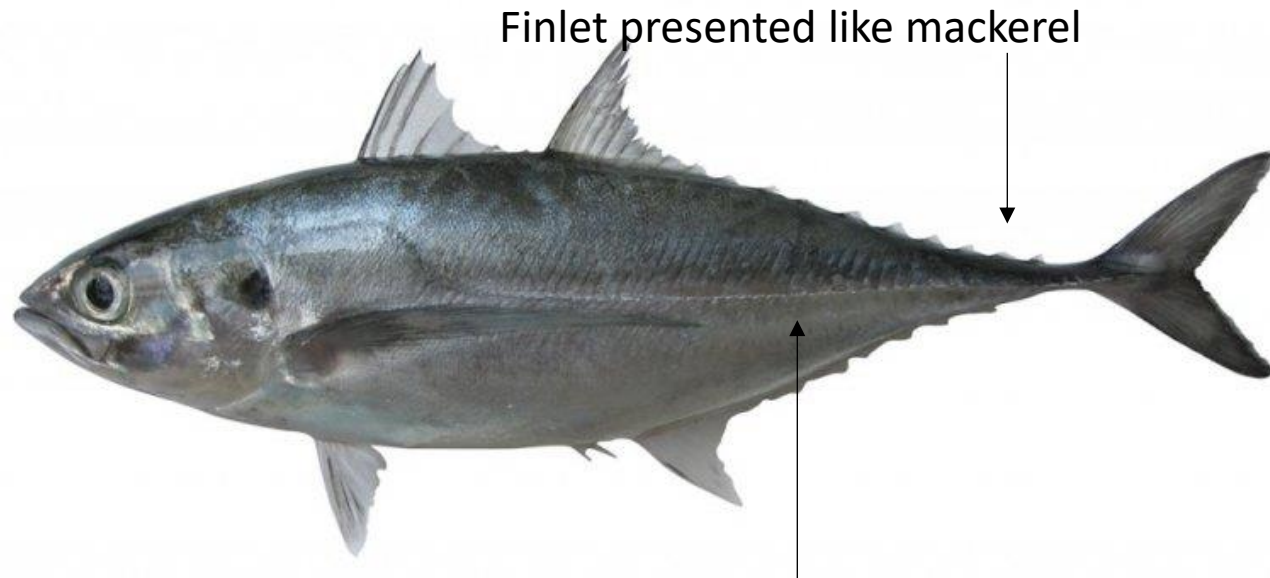
- body length less than 4 times of head length
- dark green bar can be observed as well as dark spot at the top of operculum
- caudal fin depth less than body depth
- pectoral fin elongated more than half of body

Carangidae



- ปลาจะละเม็ดดำ
 - Black Promfret
 - *Parastromareus niger*
- body extremely depth and compressed
 - dark brown or dark grey throughout the body
 - pelvic fin absented
 - juvenile caught by trawl in Ban Pae

Carangidae



- สีกุณแข้งไก่ หางแข็ง

- Torped Scad

- *Megalaspis cordyla*

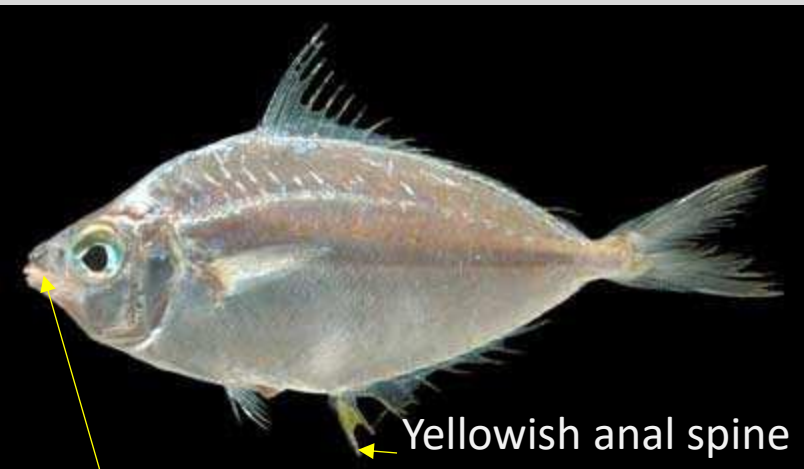
- torpedo-like shape

- finlet presented

- distinctively large lateral scale

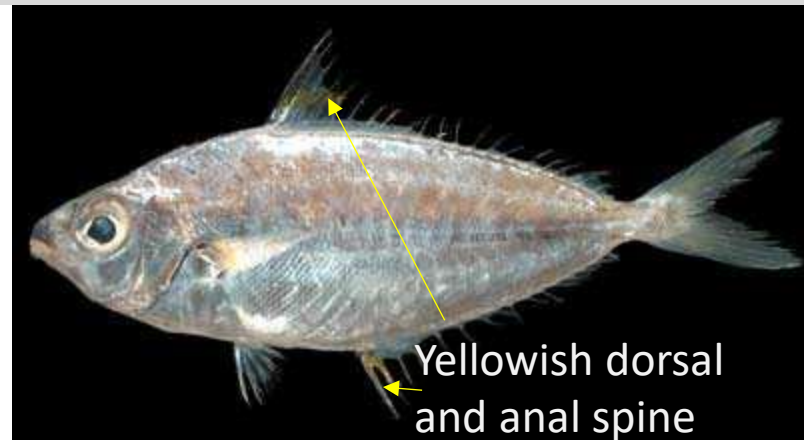
- pectoral fin well-developed, longer than half of body

Leiognathidae



- ปลิ้น ปลิ้นรี
- Oblong Ponyfish
- *Equulites oblongus*

- body depth more than half of body length



- ปลิ้น
- Slender Ponyfish
- *Equulites stercorarius*

- body depth about half of body length

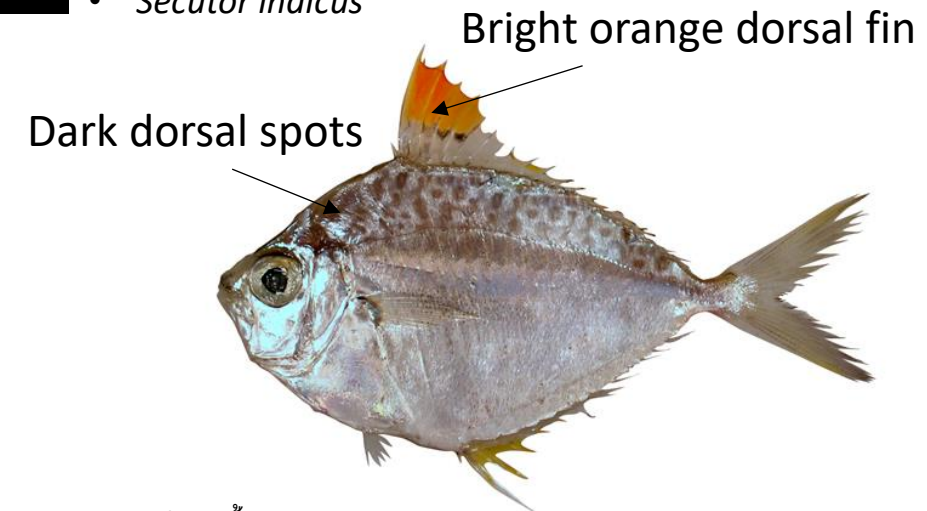


- ปลิ้นเผือก
- Yellowish Ponyfish
- *Eubleekeria jonesi*

- head depth more than half of body depth

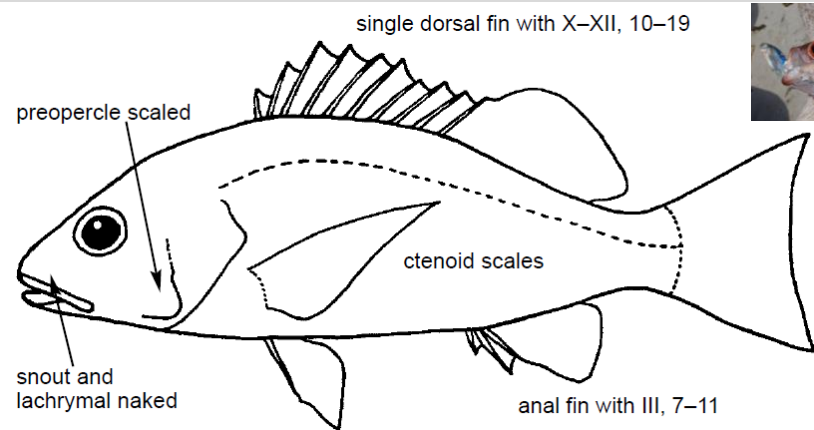


- ปลิ้นเกล็ดขน
- Dots and dashes Ponyfish
- *Secutor indicus*

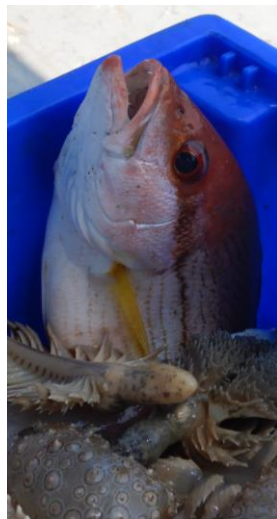


- ปลิ้นกระดาน
- Orangefin Ponyfish
- *Photopectolaris bindus*

Lutjanidae



Lutjanus madras, KAUM-I. 33013, 12.3 cm SL
Gulf of Thailand (SS), 3 Nov. 2010



Lutjanus vitta, KAUM-I. 32966, 15.7 cm SL
off Chantha Buri (SP), 1 Nov. 2010

- กะพงแดงข้างเหลือง
- Indian Redsnapper
- *Lutjanus madras*
 - more yellowish than red
 - small size
 - usually caught in a large school
- กะพงแดงข้างแถบ
- Brownstriped Redsnapper
- *Lutjanus vitta*
 - more red than yellowish
 - larger size
 - usually caught solitary

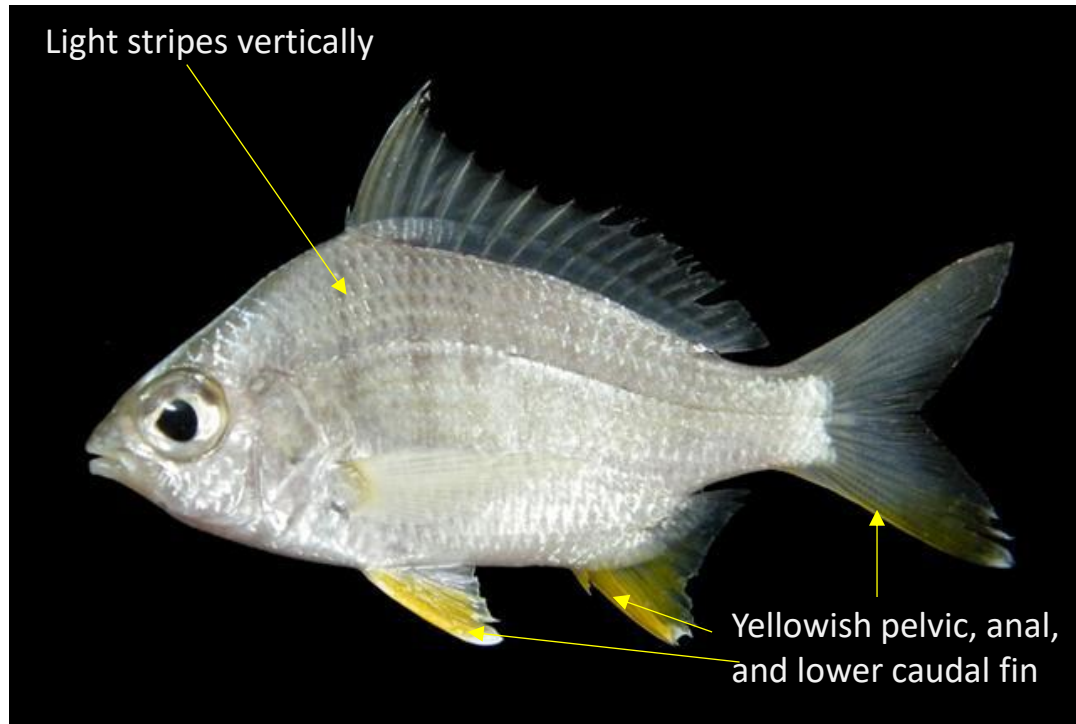
Major group of fish found

37

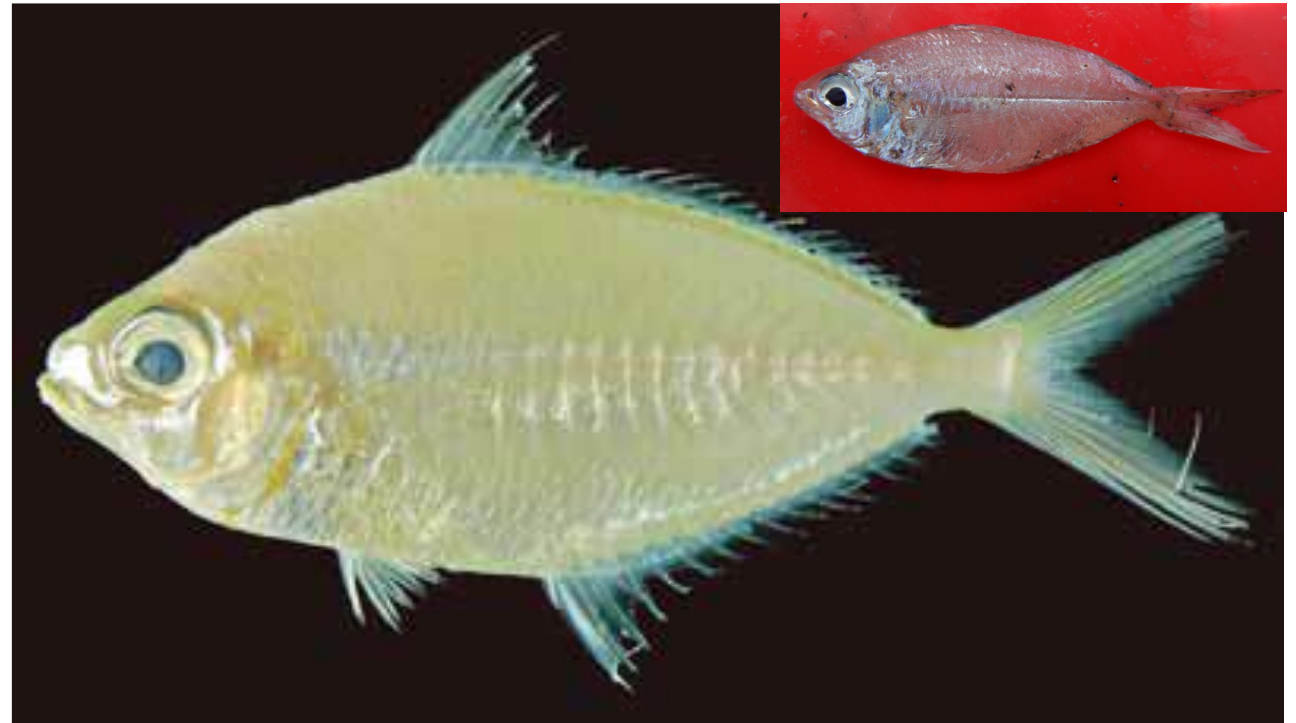
- Perciformes
 - Gerridae
 - *Gerres erythrourus*
 - *Pentaprion longimanus*
 - Hemulidae
 - *Pomydassys kaakan*
 - Nemipteridae
 - *Nemipterus furcosus*
 - *Nemipterus hexodon*
 - *Nemipterus marginatus*
 - *Pentapodus setosus*
 - *Scolopsis monogramma*



Gerridae



- ดอกหมากแดง ดอกหมากครีบน้ำเงิน
- Deepbody Silverbiddy
- *Gerres erythrouros*
 - large size, about a size of hand palm
 - no filamentous fin ray in dorsal fin



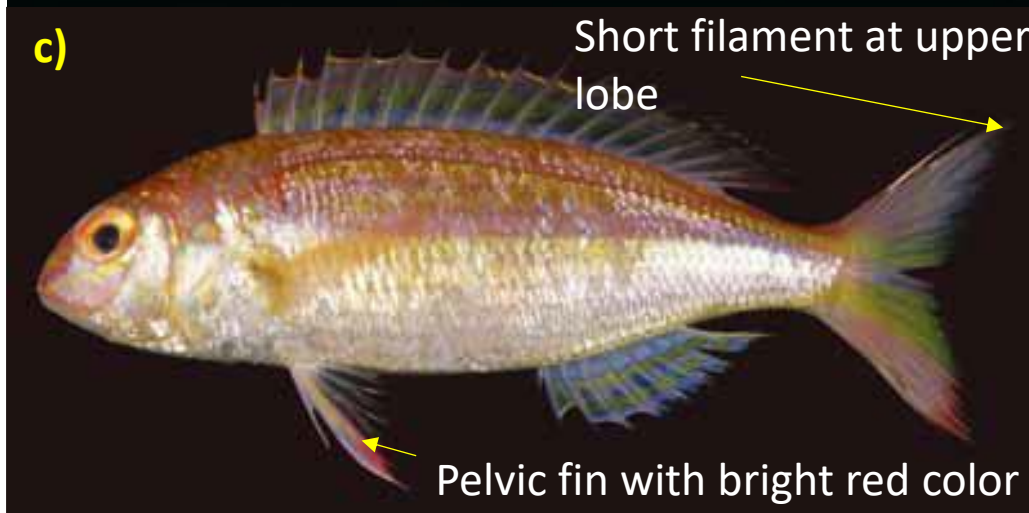
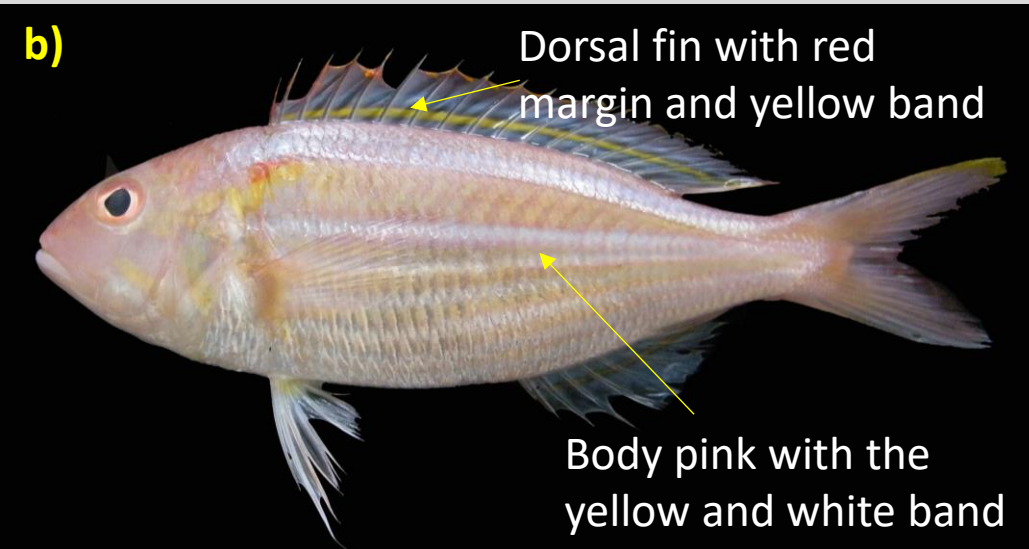
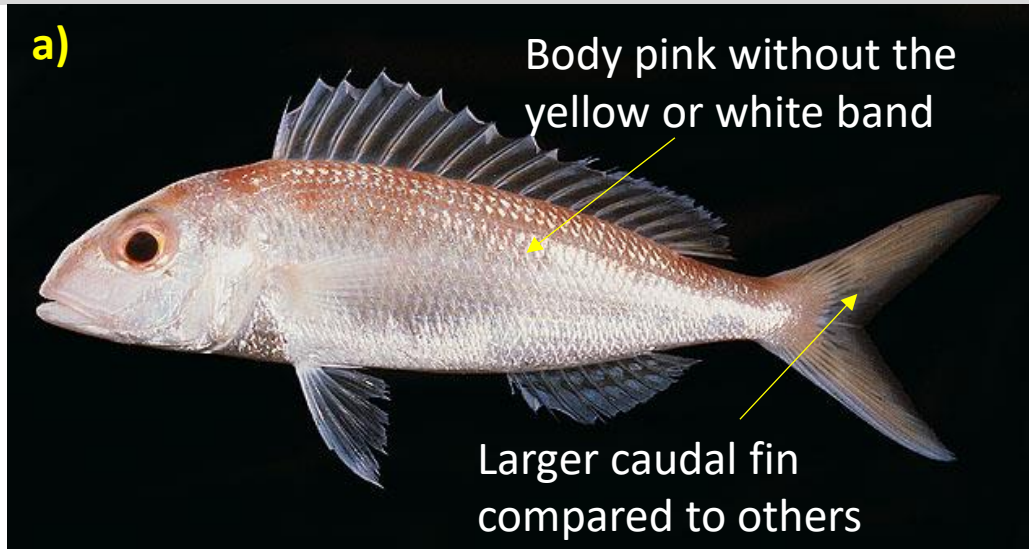
- เป๋นแก้ว
- Longfin Silverbiddy
- *Pentaprion longimanus*
 - small size, often caught in a school
 - similar to Leiognathidae but with larger scale

Hemulidae



- กะพงแฉก
- Silver Grunt
- *Pomadasys kaakan*

Nemipteridae



ทราญแดง

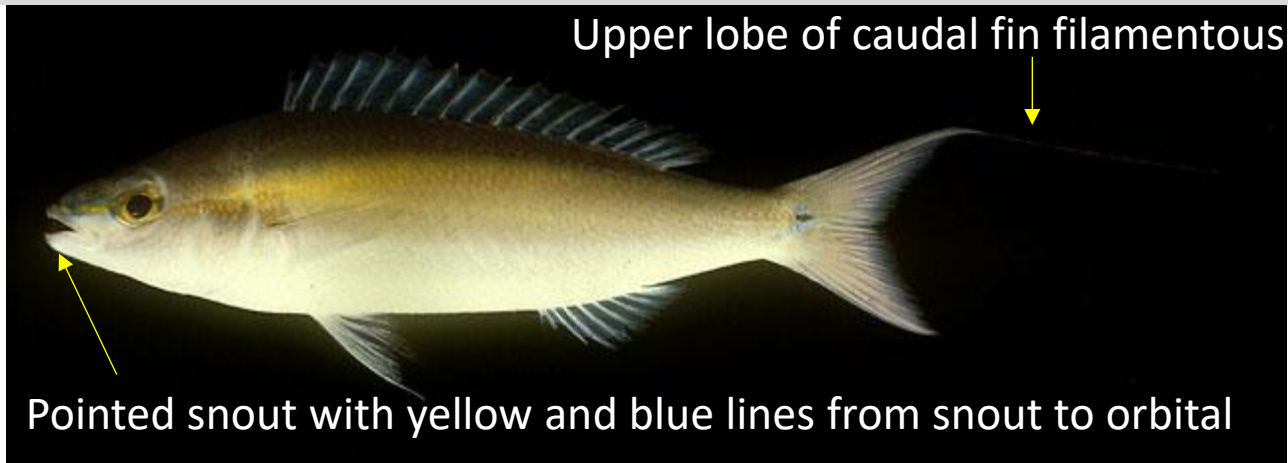
Threadfin Breams

a) *Nemipterus furcosus*

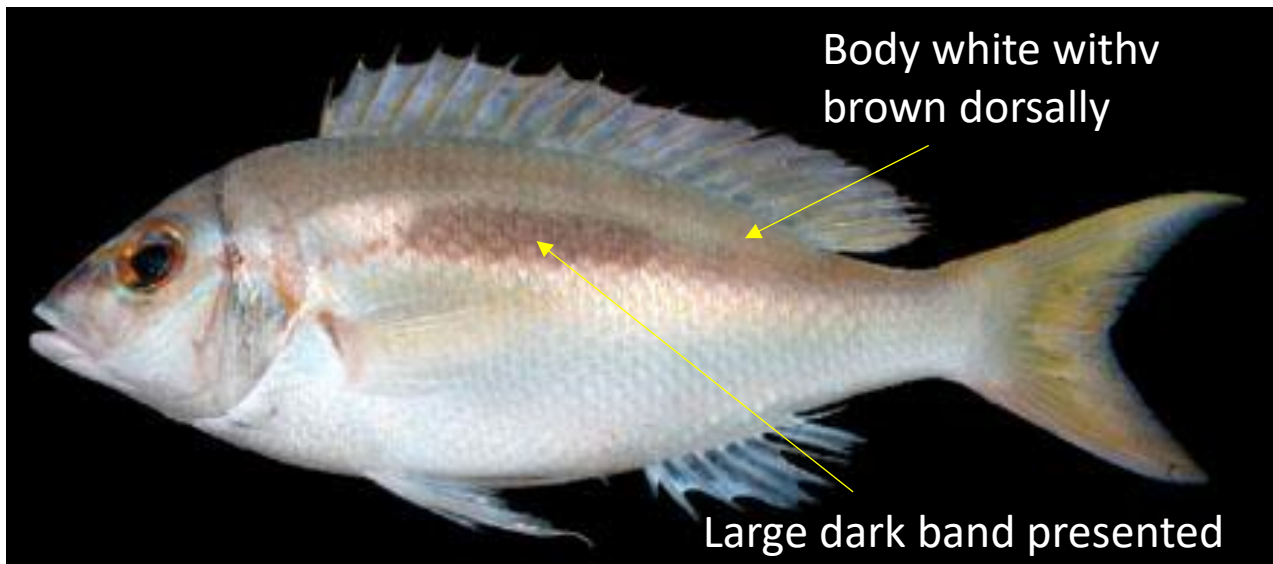
b) *Nemipterus hexodon*

c) *Nemipterus marginatus*

Nemipteridae



- สายรุ้ง
- Butterfly Whiptail
- *Pentapodus setosus*



- ทราายขาว
- Monogrammed Monocle Bream
- *Scolopsis monogramma*

Major group of fish found

42

- Perciformes
 - Mullidae
 - *Upeneus sundaicus*
 - *Upeneus tragula*
 - Callionymidae
 - *Dactylopus dactylopus*
 - Siganidae
 - *Siganus canaliculatus*
 - *Siganus javus*
 - Scombridae
 - *Rastrelliger kanagurta*



Mullidae



- แพะแดง
- Ochreband Goatfish, Sunda Goatfish
- *Upeneus sundaicus*



- แพะลาย
- Freckled Goatfish
- *Upeneus tragula*

Callionymidae



- มังกรน้อย
- Fingered Dragonett
- *Dactylopus dactylopus*

- 4 distinct pelvic fin ray presented
- usable for walking at the sea floor
- red protectile snout

Siganidae



- สลิดทะเลจุดขาว
- White-spotted Spinefoot
- *Siganus canaliculatus*

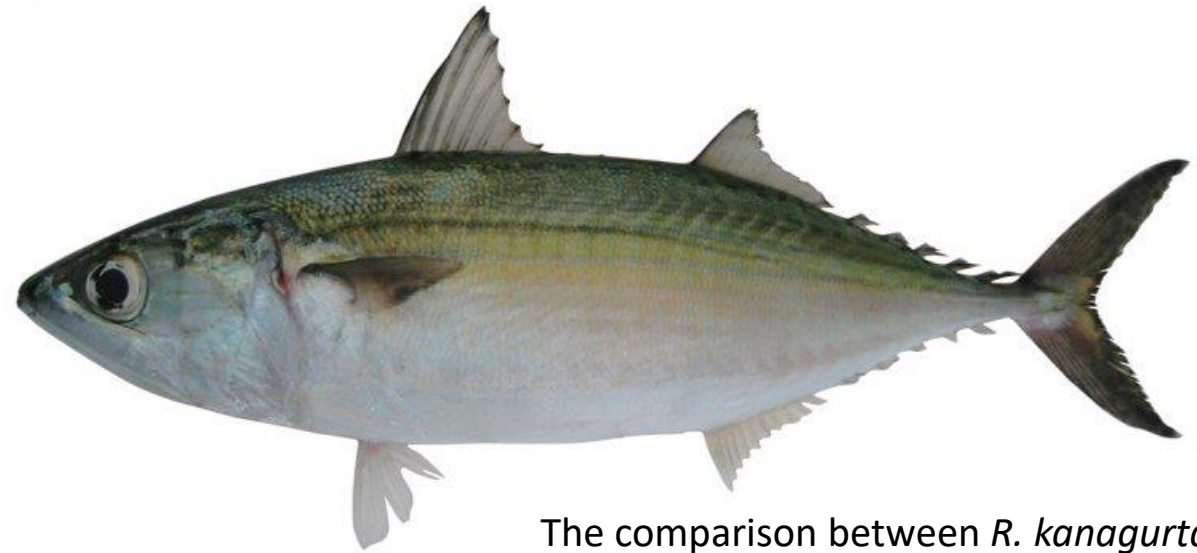


- สลิดทะเลแถบ
- Streaked Spinefoot
- *Siganus javus*

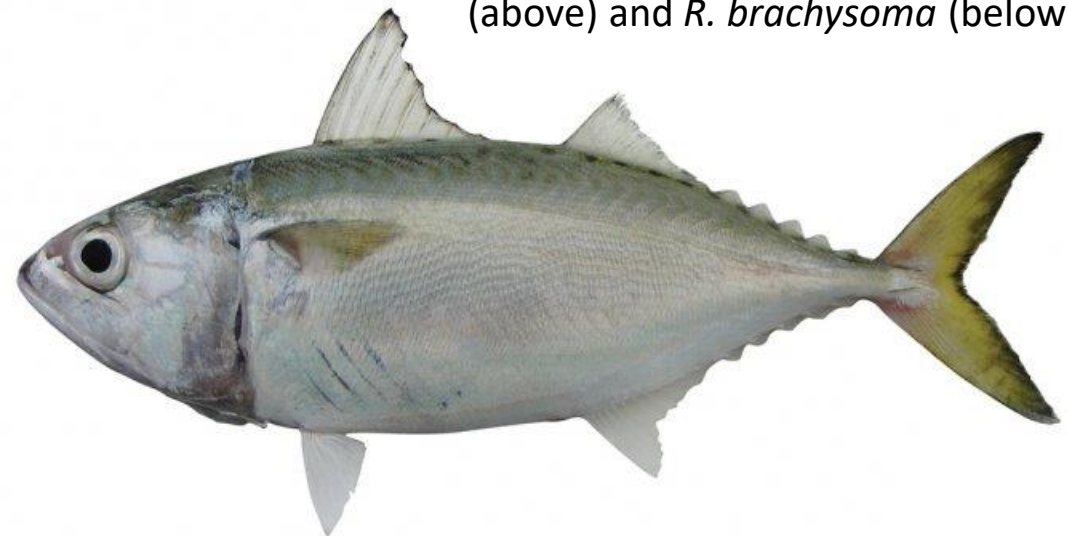
Scombridae



- ปลาลัง
- Indian Mackerel
- *Rastrelliger kanagurta*



The comparison between *R. kanagurta* (above) and *R. brachysoma* (below)



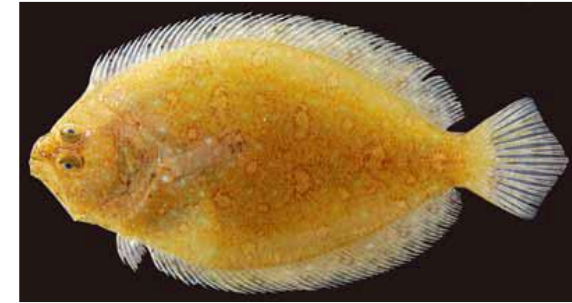
Major group of fish found

47

- Pleuronectiformes

- Paralichthyidae

- *Pseudorhombus arsius*
 - *Pseudorhombus oligodon*



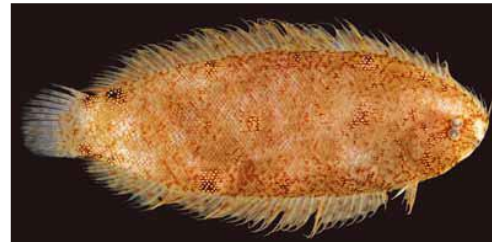
- Bothidae

- *Arnoglossus macrolophus*
 - *Engyprosopon* spp.
 - *Grammanobothus polyphthalmus*



- Soleidae

- *Aseragodes filiger*
 - *Pardachirus parvonicus*
 - *Zebrius quagga*



- Cynoglossidae

- *Cynoglossus arel*



Paralichthyidae



- ลิ่นควาย
- Targettooth Flounder
- *Pseudorhombus arsius*

- body oval, compressed
- left side of body yellowish or brown with small white spots and larger dark spots
- snout short



- ลิ่นควาย
- Roughscale Flounder
- *Pseudorhombus oligodon*

- body oval, compressed
- left side of body yellowish or brown with large white spots
- snout longer compared to *P. arsius*

Bothidae



- ซีกเดียว
- Largecrest-lefteye Flounder
- *Arnoglossus macrolophus*

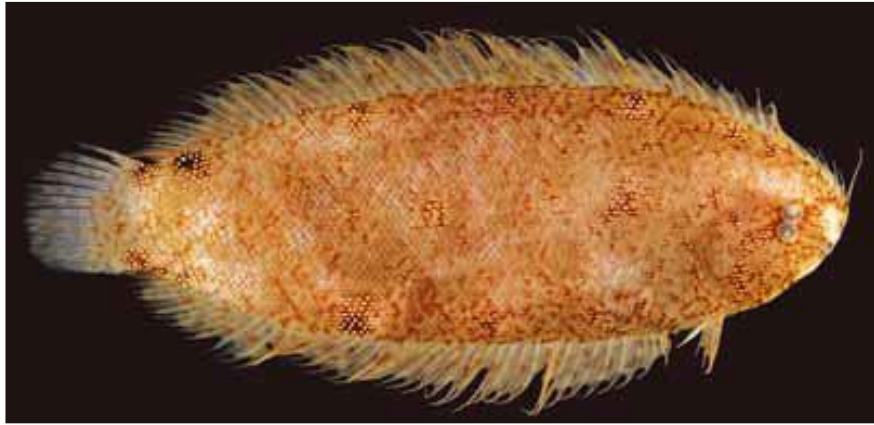


- ไบขนุน
- Largescale Flounder
- *Engyprosopon* spp.



- ลิ่นหมาหงอนสั้น
- Manyeye Flounder
- *Grammanobothus polyphthalmus*

Soleidae



- ลิ่นควาย
- Sole
- *Aseragodes filiger*



- ลิ่นควายจุด
- Sole
- *Pardachirus parvonicus*



- ลิ่นหมาลาย
- Sole
- *Zebrius quagga*

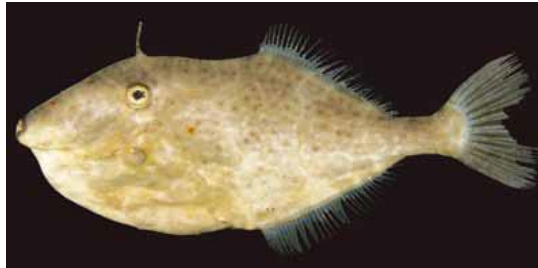
Major group of fish found

51

- Tetraodontiformes

- Monacanthidae

- *Aleuterus monoceros*
 - *Anacanthus barbatus*



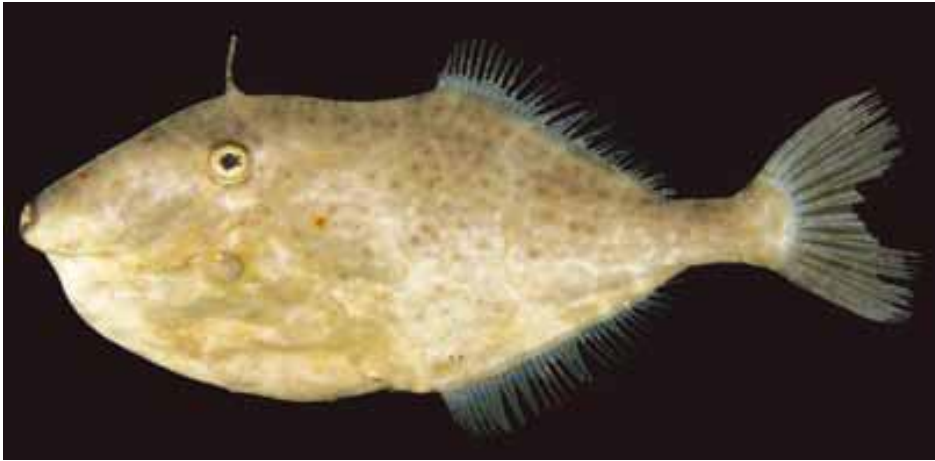
- Ostracidae

- Tetraodontidae

- *Lagocephalus lunaris*
 - *Lagocephalus seuzensis*



Monacanthidae



- วัว
- Unicorn Leatherjacket
- *Aluterus monoceros*

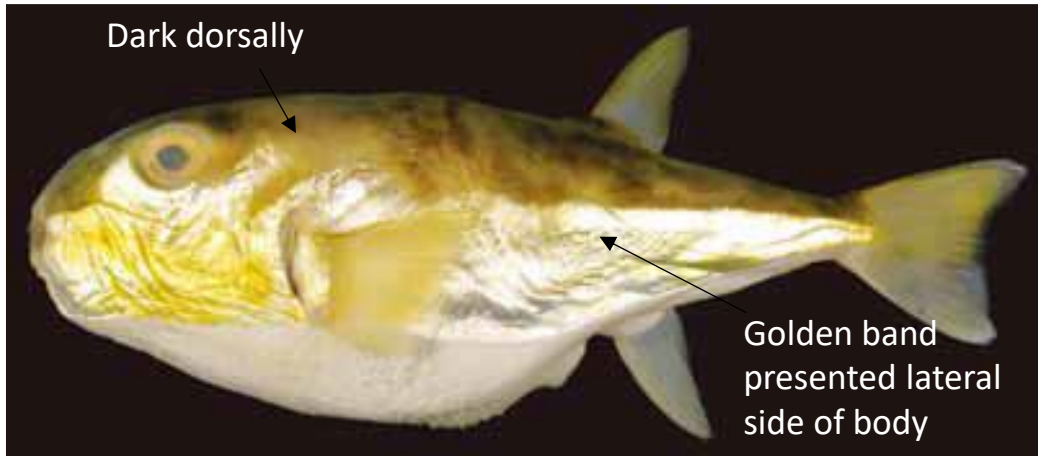


- วัวดาบ
- Bearded Leatherjacket
- *Anacanthus barbartus*

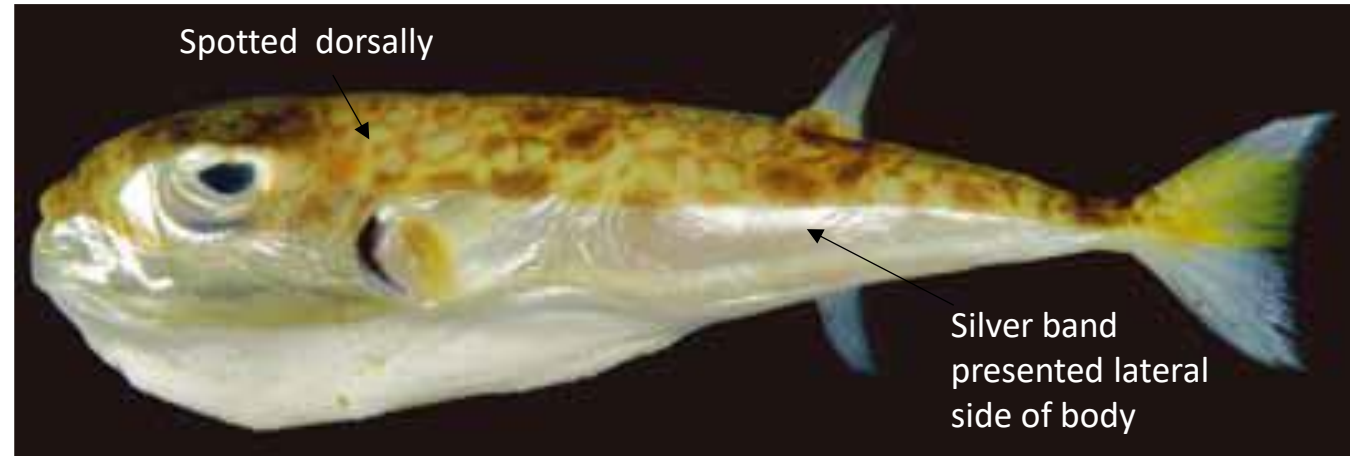
Ostraciidae



Tetraodontidae



- ปักเป้าเขียว ปักเป้าวงจันทร์
- Rough Golden Puffer
- *Lagocephalus lunaris*



- ปักเป้าหลังดำ
- Suez Puffer
- *Lagocephalus suezensis*

