



AUSTRALIAN  
UNDERWATER  
FEDERATION



QUEENSLAND BRANCH

**MAY  
2021**

**Records  
&  
Field  
Guides**



**RECORDS**



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# Queensland Spearfishing Records 2021 & Field Guides

**THIS BOOKLET IS DESIGNED TO BE  
PRINTED BACK TO BACK SO GUIDES  
FACE THEIR RECORD LISTINGS.**

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## Eligible Species

*By the end of the sixties the AUF & AUFQ (under its early names) had made its own list of ineligible species, as it was felt that fisheries legislation of the times did not offer some species the necessary protection. That was added to over the years. Now that fisheries legislation is much more extensive and research based, the states and the national body have reverted to our original regulations, permitting the spearing of most finfish which are legal under government regulations. Sharks, rays, crays and squid are not eligible.*

### 31. Eligible Species:

Species of the sub-class Actinopterygii (ray-finned fishes) are eligible with the following exceptions:

- \* Order Syngnathiformes - Pipefish and allies, excluding the families Aulostomidae (Trumpetfishes) and Fistulariidae (Flutemouths)
- \* Order Tetraodontiformes - Toadfish, Boxfish, Sunfish and allies, excluding the families Monacanthidae (Leatherjackets) and Balistidae (Triggerfishes)

32. To be eligible for a Queensland Spearfishing Record a fish must not be protected under State or Federal Government regulations at the location where captured.

33. Fish must have a minimum weight of 500 grams. (Historical records weighing less than 500 grams have been retained for the sake of completeness.)

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## ACKNOWLEDGMENTS

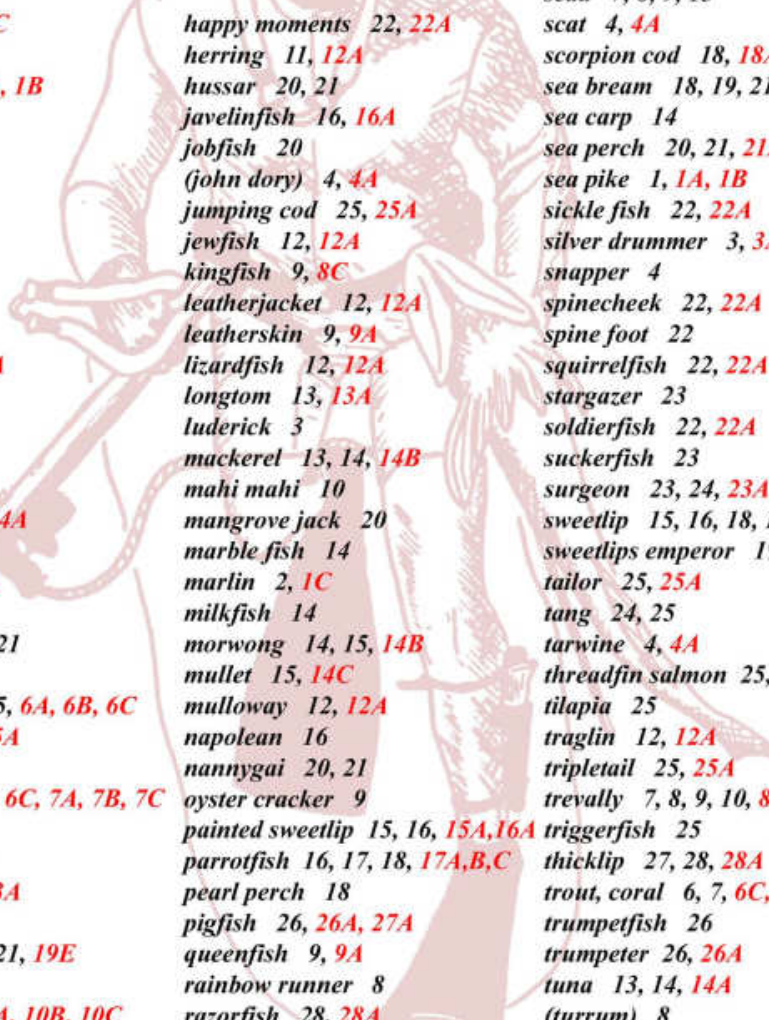
Many of the photos used in the Field Guides come from the record claims. Some are photos of casts. Duncan & Keiran Limpus have supplied some photos.

Thanks are due to Jeff Johnson, Curator of Fishes at the Queensland Museum, for his help with scientific names and the identification of fishes.

Thanks also to Vin Rushworth, the Aust. Records Officer, for working with me to review and sync the Qld and Aust Records as much as possible, and thanks to Duncan Limpus for his detailed checking of this work, and Duncan Rayson for his computer work.

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(Also includes some alternate common names.)

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## USING THIS BOOKLET

Use the **index (page a)** to link common names to a page. The fish are grouped on the page in family groups with related species. On the opposite page there may be notes, photos or diagrams to help with identification.

The fish is listed under an up-to-date **scientific name**, followed by a common name. Scientific names change as more research is done. It will usually help you find the fish in scientific books or online, but remember that most species have more than one scientific name back over the years.

**On line, you can search the scientific name.** This will give you a number of choices. "Fishes of Australia" is a quick and easy site. The scientific name should be correct on this site, but sometimes it has incorrect photos. The common names it lists may not be the ones we use.

The **common name** is the name in common useage in our area. Some common names are very widespread, while some fish have almost as many common names as places it is found. Common names that reflect an identification characteristic are used in this booklet in preference to others, e.g. Big-Nose Unicorn in preference to Vlaming's Unicorn. Uncommon fish sometimes don't have a common name but have been provided with one in this booklet. **Standard Marketing Names for Australian Fish** now exist, but are not always used here, as market interests seem to have influenced the selection of some names we don't use in real life.

**Below the name of the fish are listed, in order, the Qld Junior Record, the Qld Women's Record, the Qld Open Record, and the Australian Open Record.**

(Room does not permit the listing of the Australian Women's and Junior Records. Consult the AUF website for these.) The Australian Record listings in the Queensland Record booklet have been updated as much as possible, but remember **this is not the official Australian Records list...** still, they provide an idea in the field as to whether the fish will also be an Australian Record.

## WHO CAN CLAIM A QLD SPEARFISHING RECORD?

The records are **NOT** available to the general public. The following points must be satisfied:

- \* **The spearo must be a member of the Australian Underwater Federation.** Membership of the relevant national federation of another country where the spearo lives, is acceptable.
- \* **The spearo must also be a member of a CLUB affiliated with the AUFQ.** Membership of a club affiliated with the appropriate AUF state branch, or of the relevant national federation of another country where the spearo lives, is acceptable. (NOTE: Club membership is not a requirement for a National Record, this is a Queensland requirement.)
- \* The fish capture must meet the requirements of AUFQ (and AUF) rules.
- \* The fish capture must comply with the relevant government requirements and legislation.
- \* The fish capture must be unassisted (see page d.)
- \* **The fish capture must occur in the area set out on page d.** If it occurs outside this area it will not be a Qld record, but may be a record for another Australian state, or an Australian record. Still send the claim to the AUFQ Records Officer who will progress it for you.

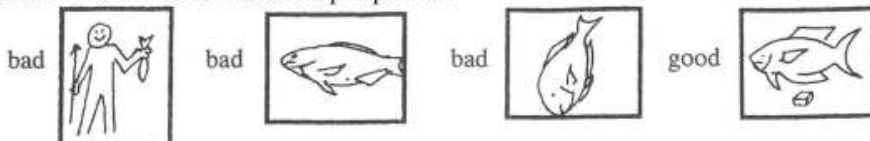
\* **You must fill in the Australian Spearfishing Claim Form IN FULL.** The fish must be weighed on certified **scales** or ones **that have a calibration report not more than 2 years old**, and the weighing must be witnessed.

Use some common sense with the **scales** you use. Don't weigh a small fish on scales designed for weighing very heavy things, e.g. don't weigh a 1.33 kg fish on scales that weigh up to 300 kg with an accuracy of 50 gm. Fish under 5 kg should not be weighed on scales with a maximum weight over 30 kg, and 10 kg or 15 kg scales should be used if possible.

\* **Location.** You must be prepared to list the exact location where it was speared, e.g. Dolphin Heads, not just Mackay. A copy of the claim form is included at the back of this booklet. All states now use the National form to avoid the need for duplication.

### **PHOTOS FOR THE RECORD CLAIM (GOOD PHOTOS!)**

Photo/s must accompany your claim. **The purpose of the photos are to permit species identification of the fish now and in the future.** This is because changes in scientific literature in the future may make a review necessary (some of the flathead are a prime example.) **It is the responsibility of the spearo to prove the identification to the Records Officer.** (If possible keep the fish until the record is passed as for some species the photo may not be enough, or at least photograph the identification points given in this booklet.) A statement by an "expert" does not replace the need for the photo, but may be useful. Photos of the weighing scales, and photos of the fish's girth and length showing the tape are not required, but are desirable. (The measurements, though, are required, as are details of the scales. A copy of the calibration certificate is desirable.) **Make sure you have a good side-on photo without a tape measure over the top of the fish.** A photo with the spearo in it can be included to add to the historical perspective.



### **WHAT IF MY PHOTOS DON'T COME OUT?**

Luckily you kept the fish! Sadly, if you don't have photos (or the actual fish) then the claim will not be successful. This includes fish taken at State Titles. If you are that starved for fish that you must eat it immediately, take photos on two different cameras.

### **DO RECORDS COST ANYTHING?**

There is no claim fee for state records. There is a \$10 claim fee for Australian Records. Detail of how to pay this fee is on the bottom of the Australian Record Claim form.

### **WHERE DO I SEND THE FORM?**

Scan the completed form. Email the form and photos to the Qld Records Officer. If everything is satisfactory, your capture will be added to the Qld Spearfishing Records and a certificate will be sent back to you. If the fish is large enough, the State Records Officer will also forward the form and photos to the Australian Records Officer. Transfer the fee direct to the Aust. Records Officer.

If you send the form directly to the Australian Records, make sure you copy the Qld Records Officer.

### **WHAT IF IT'S A WORLD RECORD?**

**World Records have nothing to do with the AUF or AUFQ.** You must make your own application for these. Two separate lists of World Spearfishing Records are available and information can be gained from the following web sites. Be warned that the requirements for World Records are different to AUF claims. These World Records are generally limited to "Game Fish".

www.freediver.net/iusa.html  
 www.freedive.net/ibsrc/apply.htm

International Underwater Spearfishing Association  
 International Bluewater Spearfishing Records Committee

## **TIED RECORDS.**

Tied records occur at times. It is a tied record if your fish **exceeds** the existing record by less than 50gm (for fish 0.5 kg up to 2 kg) or by less than 100 gm (for fish over 2 kg.)

For example: Old record 1.3 kg... (a) new fish 1.29 kg = no record (b) new fish 1.3 kg = no record (c) new fish 1.33 kg = tied record (d) new fish 1.36 kg = clear record.

## **HOW SMALL CAN A RECORD FISH BE?**

If legal under fisheries legislation, the minimum record weight is now 0.5 kg. Originally it was 1 lb, which is actually less than 0.5 kg, hence the size of some of the older records in this booklet. These have been retained for historical purposes.

## **QLD RECORDS MUST BE SPEARED IN THIS AREA!**



## **ISN'T PART OF THIS AREA OVER THE NSW BORDER?**

Yes, it is! Note that Qld records can be claimed from the area down to (and including) Hastings Point in NSW. This was decided because there are Qld clubs on the Gold Coast with membership drawn from the border area. S.E. Qld spearos dive these reefs as their local reefs. They do dive further south, too, but a line had to be drawn somewhere, and Hastings Point was seen as reasonable. In NSW the capture must comply with NSW government regulations instead of the Qld government regulations.

## KEY TO CLUB ABBREVIATIONS.

AXT	Aqua X-treme Free Divers (Bris.)	MISC	Magnetic Island Spearfishing Club
BSC	Bundaberg Skindivers Club	MS	Maryborough Skindivers
CCSC	Curtis Coast Spearfishing Club	SS	Sun City Skindivers (Townsville)
CSC	Capricorn Skindiving Club	SCFD	Sun Coast Free Divers
CUA	Cairns Underwater Association	SCS	Sunshine Coast Skindivers
BD	Brisbane Dolphins	Sub.	Submariners (Biloela)
DC	Dolphin Club (Townsville)	THUC	Tweed Heads Underwater Club
DD	Delta Divers (Ayr)	THRAC	Tweed Heads Rowing & Aquatic Club
FD	Freedom Divers	TGCFD	Tweed Gold Coast Free Divers
IUC	Innisfail Underwater Club	TSC	Townsville Skindivers Club
MBBC	Moreton Bay Boat Club	UAC	Underwater Adventurers Club (Brisbane)
MDUSC	Mackay Down Under Skindiving Club		



## A SHORT HISTORY!

*(I can fit more logos here if you send me a high res copy.)*

- \* The USFAQ (the Underwater Skindivers and Fishermans' Association of Queensland) was the historic organisation that changed its name to the QUF (Queensland Underwater Federation,) to AUF Queensland Branch, then to AUFQ.
- \* The earliest Qld Record is from 1963, Aust record 1959.
- \* By the end of the sixties the AUF had made its own list of ineligible fish as it was felt that fisheries legislation of the times did not offer some species the necessary protection.
- \* The AUF & AUFQ moved to a commission structure in 1997 e.g. Spearfishing Commission.
- \* The AUFQ Spearfishing Commission AGM in 2006 moved a series of motions clarifying who can claim a record. **The claimant must be a member of a club** which is affiliated with the AUFQ Spearfishing Commission, and must also be a member of the AUF and AUFQ. Claimants from other states/countries are permitted provided they are members of club and federation from their home locality.
- \* The 2006 AGM also decided to remove part of the ineligible fish list that prevented the spearing of blue groper and some cod as it was felt that such species were now managed adequately by fisheries legislation.
- \* Time requirements on record applications were deleted.
- \* In 2015 AUFQ "A" Section Rules were updated to cover True Pairs and to explain "unassisted captures."
- \* All states and the AUF National Spearfishing Commission adopted the same revised claim form in 2017. A uniform list of eligible fish was adopted, permitting the spearing of most fish as permitted by law.
- \* AUFQ Spearfishing Commission fully revised its regulations and changed the State Titles to a True Pairs format in 2017.
- \* In 2021 AUF moved to open the records up to select invertebrate species. AUFQ agreed to follow this lead.

## REGULATIONS PERTAINING TO THE RECORDS.

These are relevant sections of the AUFQ Spearfishing Commission "A" Section Rules & By-Laws as revised 5/8/2017.

"A" Section Rules are set by the state. "B" Section Rules are those set for a specific purpose (for example a particular competition, usually set by the host club) but they must not contravene the "A" Section Rules. "B" Section Rules don't have anything to do with records.

### RECORDS

28. The State Records Officer shall be responsible for the recording of all records and the issuing of all certificates.
29. Fish weight records (spearfishing records) will be accepted from financial AUFQ Club members and financial out-of-state AUF Club members provided the fish are speared in the Australian Fishing Zone off Queensland and south to Hastings Point in NSW.
30. All applications shall be made on the appropriate AUF claim form and shall contain the following information:
  - Scientific name and common name of the fish.
  - Name, address, phone, email and Club of applicant.
  - Weight, girth & length of fish.
  - Date & locality of catch.
  - Type of equipment used.
  - Signature of applicant and witness to catch.
  - Name, signature and address of Weight Recorder.
  - Name, signature and address of Witness to Weighing.
  - Details of scales used.
  - Clear photo of the fish permitting identification.
  - Age if a junior (>18.)
31. Eligible Species:  
Species of the sub-class Actinopterygii (ray-finned fishes) are eligible with the following exceptions:
  - Order Syngnathiformes - Pipefish and allies, excluding the families Aulostomidae (Trumpetfishes) and Fistulariidae (Flutemouths)
  - Order Tetraodontiformes - Toadfish, Boxfish, Sunfish and allies, excluding the families Monacanthidae (Leatherjackets) and Balistidae (Triggerfishes)
32. To be eligible for a Queensland Spearfishing Record a fish must not be protected under State or Federal Government regulations at the location where captured.
33. Fish must have a minimum weight of 500 grams. (Historical records weighing less than 500 grams have been retained for the sake of completeness.)
34. All fish under 2 kg in weight must exceed the previous record by 50 grams, and fish over 2 kg must exceed the previous record by 100 grams. In the event of a claim at least equalling, but not exceeding, the record by the required amount, a tied record will be ruled.
35. All claims should be made within 12 months of capture. If the form cannot be fully completed an accompanying letter of explanation should state clearly the reason, or reasons, for the incomplete form. At the discretion of the Records Officer, in the case of minor omissions, the record claim may be accepted.
36. Fish taken with the aid of SCUBA, or any breathing aid other than a snorkel, shall be ineligible for record purposes.
37. Incorrect identification of the fish may render the application ineligible.
38. At no time is it the responsibility of the Records Officer to prove the identity of any fish.
39. The catch must be made in accordance with the Spearfishing Commission Rules of Competition where applicable.
40. All fish must be weighed on scales meeting the requirements as set out for AUF National Records.
41. Assisted captures are not eligible for records. The list below is a guide to assist the interpretation of "assisted capture". It does not cover all possible situations.

#### Acceptable action.

- Showing location of a fish.
- Burleying for another spearfisher or group.
- Chasing sharks away from another spearfisher's speared fish.
- Accepting an unloaded gun from another spearfisher to use to place a second shot.
- Accepting a rig line from another spearfisher and attaching the rig line yourself to your rig during the act of playing a fish.
- The boat following as you swim after your float.
- The boat locating your float and giving you directions.



## REGULATIONS (cont.)

- The boat locating your float and giving you directions.
- Helping lift the subdued fish into the boat.
- Retrieving a stuck spear once the other spearfisher has removed his fish from the line.
- Placing your fish in another spearfisher's fish float (with permission.)

### Level of assistance rendering record claim ineligible.

- Loading the speargun for another spearfisher.
- Accepting a loaded speargun from another spearfisher to use to place a second shot.
- Placing a second shot in another spearfisher's fish.
- Helping pull the fish up or holding the other spearfisher's float before the fish has been subdued.
- Another spearfisher attaching a rig line to your rig line during the act of playing a fish.
- The boat picking you up and taking you over to your fish float.
- Picking up the rig line and pulling the other spearfisher's fish up to the boat.
- Getting into or holding onto the boat and playing the fish from there.
- Retrieving a stuck spear for another spearfisher while the fish is still on the line.
- "Sledging" is where one diver swims another diver down under the surface towards the bottom. The second diver then continues further down under his own effort. This allows divers to go deeper than they usually would be capable of diving on their own. Muscular power has been given by another person and therefore is considered assisting in the capture of the fish.
- A diver, after shooting a fish, is assisted to the surface by another diver, This is considered assisting in the capture of the fish.

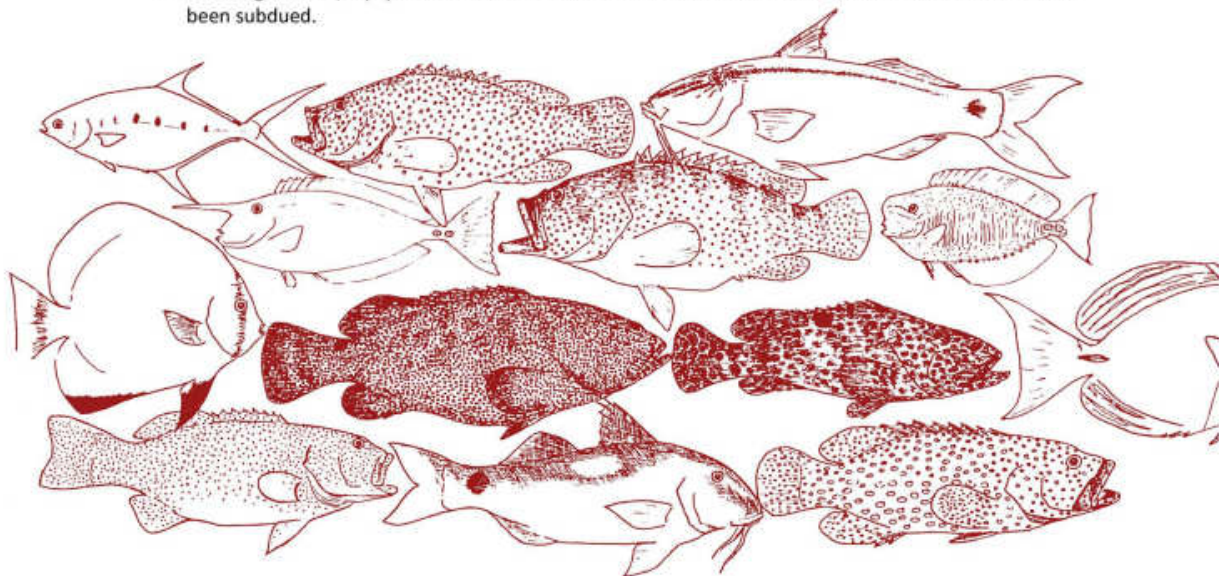
42. Acceptable True Pairs record claims: Information for those diving in True Pairs, with both persons attached to one float simultaneously via separate float lines. In some situations the capture is still regarded as unassisted. The guidelines below do not cover all possible situations. (Also read in conjunction with 33 above.)

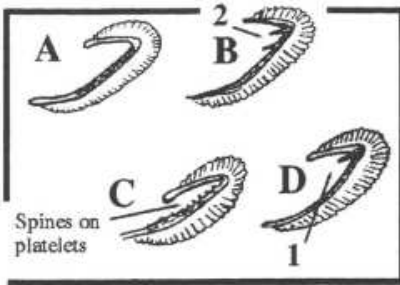
### Acceptable action by the second diver.

- Handing an unloaded gun to the other attached diver for a second shot.
- Be attached to the float via a second floatline, but not handle the other attached diver's floatline.
- Swim attached to the floatline to maintain visual contact with the other attached diver.
- Assist with placing the fish into a boat or float following it being subdued by the first diver.

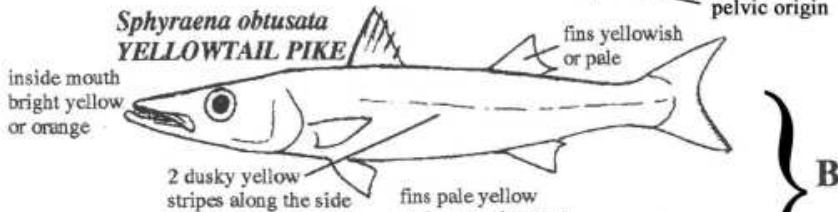
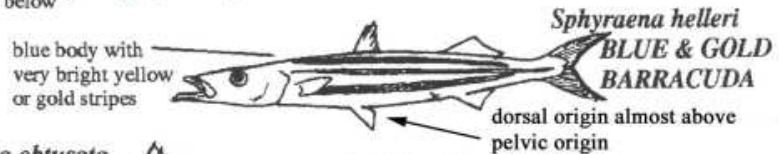
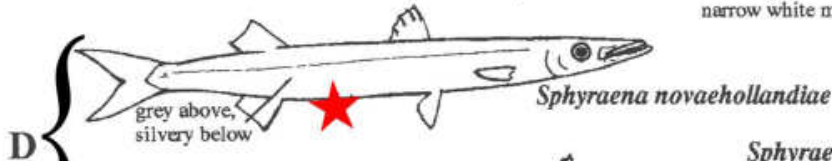
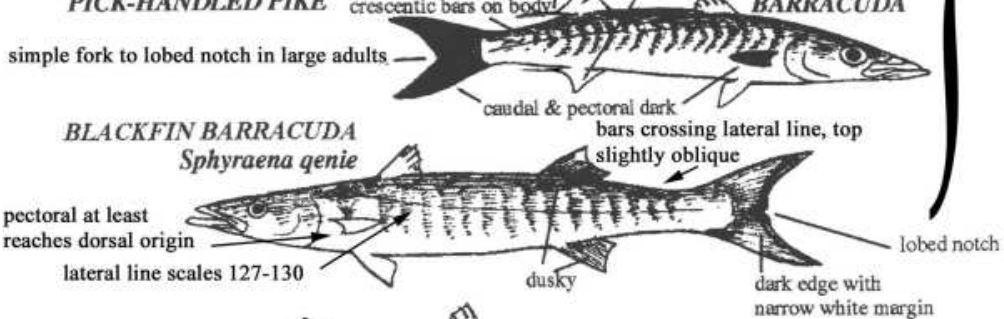
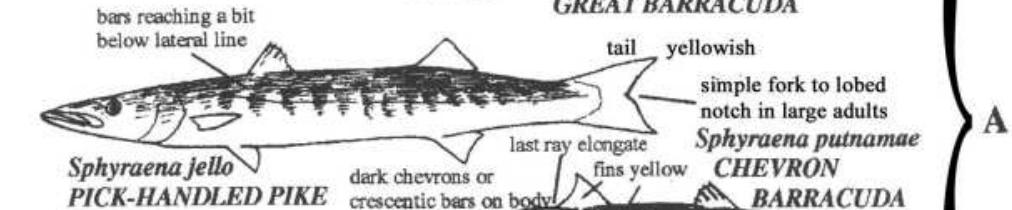
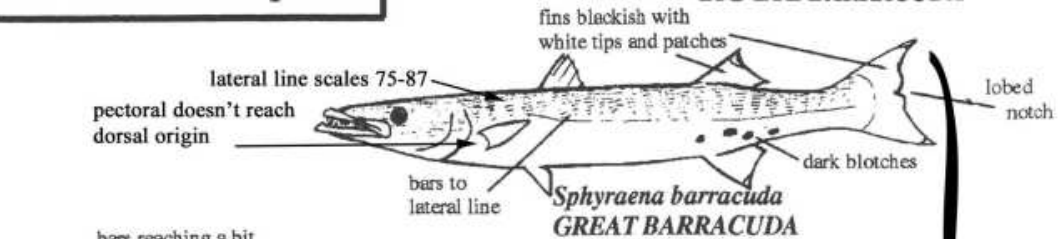
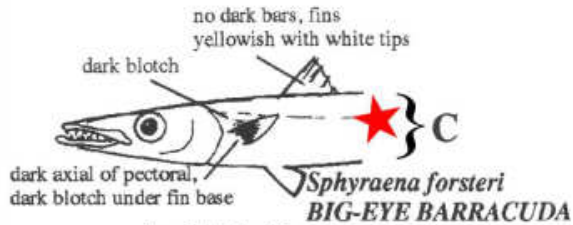
### Level of assistance rendering record claim ineligible.

- Handing a loaded gun to the other attached diver.
- Placing a second shot into the other diver's fish.
- Hold or help pull up the other diver's floatline.
- Swim attached to the floatline in a manner where it gives muscular pull against a speared fish.
- Handling the fish, equipment or floatline between the float and the first diver while the fish has not been subdued.





**Barracuda**



★ = species not in the records.





CHEVRON BARRACUDA

*Sphyaena putnamae*

Clearly chevron shaped bars.

body with 3 gold stripes



BLUE & GOLD BARRACUDA

*Sphyaena helleri*

dusky blotch behind pectoral

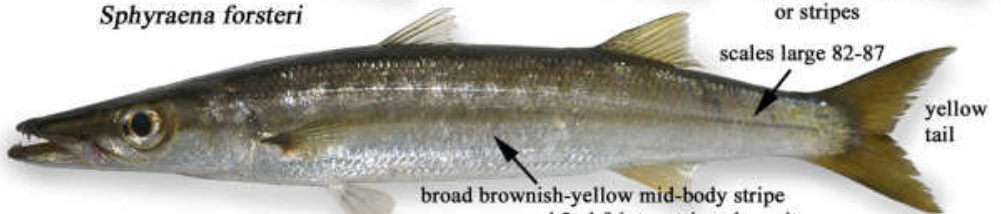
BIG-EYE BARRACUDA

*Sphyaena forsteri*

scales 112-133

no obvious bars or stripes

tail dark



STRIPED SEA PIKE (YELLOW-TAIL PIKE)

*Sphyaena obtusata*

scales small 130-140

Straight bars reaching a below lateral line and angled slightly back at top.

simple fork to small lobes in large adults

yellow tail

dusky with white tip

PICK-HANDLE BARRACUDA

*Sphyaena jello*

many straight bars reaching well below lateral line

BLACK-FIN BARRACUDA

*Sphyaena qenie*

scales 127-130 in lateral line

lobed notch

eye looks small and "piggy" in larger fish

a small fish

bars only reach to the lateral line

white tips on fins

GREAT BARRACUDA

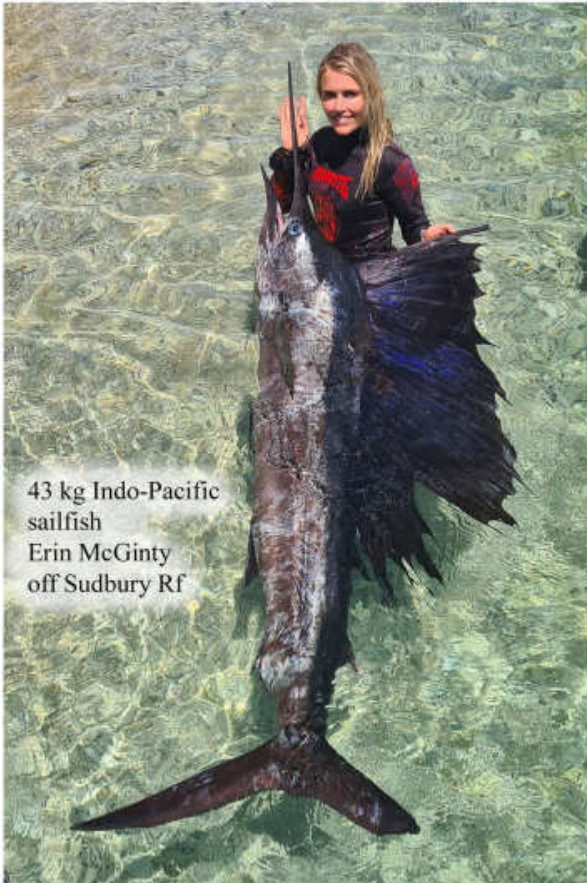
*Sphyaena barracuda*

random dark blotches

scales relatively larger 75-87 scales in lateral line

lobed notch

# BILLFISH



43 kg Indo-Pacific sailfish  
Erin McGinty  
off Sudbury Rf

## INDO-PACIFIC SAILFISH *Istiophorus platypterus*

There is debate about whether there are one or two species of sailfish. There are differences between the juvenile fin and tail sizes of the Atlantic and the Indo-Pacific fish.

The Indo-Pacific fish have a maximum weight almost twice that of the Atlantic fish.

It is treated as two species here, hence the common name. Regardless of the outcome, the scientific name would remain unchanged.



190.6 kg black marlin  
Jason Jaffers 9 Mile, Tweed coast

## BLACK MARLIN

*Istompax indica*: Dorsal not as high as body depth. Lack of bars and pectoral not depressable (small fish may have bars and pec depressable.) Lateral line single but obscured in large adults.

## ★ INDO-PACIFIC BLUE MARLIN

*Makaira mazara*: Dorsal not as high as body depth. About 15 vertical bars and pectoral depressable. Lateral line system with simple loops, different from chicken wire shape in Atlantic blue marlin.

## STRIPED MARLIN

*Kajikia audax*: Dorsal higher than or equal to body depth. About 15 vertical bars and pectoral is depressable. Lateral line single. Tips of first dorsal, pectoral and anal pointed.



56.5 kg Indo-Pacific sailfish  
Andrew Sprenger  
off Double Island Point

**ANGELFISH POMACANTHIDAE*****Pomacanthus semicirculatus* (Cuvier)**

J	-	-
W	-	-
O	3.033 kg	Ray Jenkinson
A	3.033 kg	Ray Jenkinson

***Pomacanthus sexstriatus* (Cuvier)**

J	-	-
W	-	-
O	2.450 kg	L. Steindl
A	3.289 kg	Barry Paxman

***Pomacanthus xanthometopon* (Bleeker)**

J	-	-
W	-	-
O	1.077 kg	R. Hatch
A	1.077 kg	R. Hatch

**BLUE ANGELFISH**

-	-	-
-	-	-
UAC	1/6/69	Flinders Reef, S.E. Qld
Qld	1/6/69	Flinders Reef, Qld

**SIX-BANDED ANGELFISH**

-	-	-
-	-	-
CUA	18/1/72	Flinders Reef, S.E. Qld
WA	1/7/72	Cabbadaman Passage, WA

**YELLOW-MASK ANGELFISH, BLUE-FACED ANGELFISH**

-	-	-
-	-	-
NSW	29/12/69	Aust. Titles, Mackay
NSW	29/12/69	Mackay, Qld

**BARRACUDA SPHYRAENIDAE*****Sphyraena barracuda* (Walbaum)**

J	11.700 kg	Scott Ellrott
W	0.865 kg	Jennifer Budworth
O	24.900 kg	Andrew Clough
A	28.850 kg	Barry Paxman

***Sphyraena helleri* Jenkins**

J	-	-
W	-	-
O	1.000 kg	Adam Smith
A	1.000 kg	Adam Smith

***Sphyraena jello* (Cuv. & Val.)**

J	7.650 kg	Darcey Davey
W	6.850 kg	Kate Saunders
O	15.250 kg	Jason Croton
A	15.250 kg	Jason Croton

***Sphyraena obtusata* (Cuvier)**

J	-	-
W	-	-
O	0.650 kg	Alan Betts
A	1.191 kg	K. Wardrop

***Sphyraena putnamae* Jordan & Seale**

J	-	-
W	1.400 kg	Kahlee Andrews
O	3.200 kg	Michael Greinke
A	3.200 kg	Michael Greinke

***Sphyraena qenie* Klunzinger**

J	7.270 kg	Leeland Gteinke
W	-	-
O	29.200 kg	Tim Neilsen
A	29.200 kg	Tim Neilsen

**GREAT BARRACUDA, GIANT BARRACUDA**

MDUSC	24/12/01	Square Reef
TGCFD	4/2/18	Tweed River, Tweed Coast
MDUSC	13/6/98	Round Top Island, off Mackay
WA	16/4/93	Dorre Island, WA

**BLUE & GOLD BARRACUDA**

-	-	-
-	-	-
TSC	9/12/06	Marion Reef, Coral Sea
Qld	9/12/06	Marion Reef, Qld

**PICKHANDLE BARRACUDA, PICKHANDLE PIKE**

BSC	22/3/05	Burkitts Rocks, Bundaberg Coast
UAC	30/12/08	Broomfield Reef, Capricorn Group
FD	12/6/05	Cape Moreton, S.E. Qld
Qld	12/6/05	Cape Moreton, Qld

**STRIPED SEA PIKE**

-	-	-
-	-	-
THRAC	12/6/93	Flinders Reef, S.E. Qld
NSW	28/5/67	Whale Beach, NSW

**CHEVRON BARRACUDA**

-	-	-
SCS	2/6/11	Lamont Reef, Bunker Group
UAC	11/8/99	Old Woman Island, Sunshine Coast
Qld	11/8/99	Old Woman Island, Qld

**BLACKFIN BARRACUDA**

UAC	26/9/10	Darley Reef
-	-	-
UAC	10.5.06	Cape Moreton, S.E. Qld
Qld	10.5.06	Cape Moreton, Qld

**BARRAMUNDI, SAND BASS LATIDAE*****Lates calcarifer* (Bloch)**

J	21.100 kg	Tim Shailer
W	10.500 kg	Ethel Everett
O	25.400 kg	Michael Greinke
A	25.400 kg	Michael Greinke

***Psammoperca datnioides* Richardson**

J	-	-
W	-	-
O	1.100 kg	Michael Greinke
A	0.950 kg	Lewis Bruty

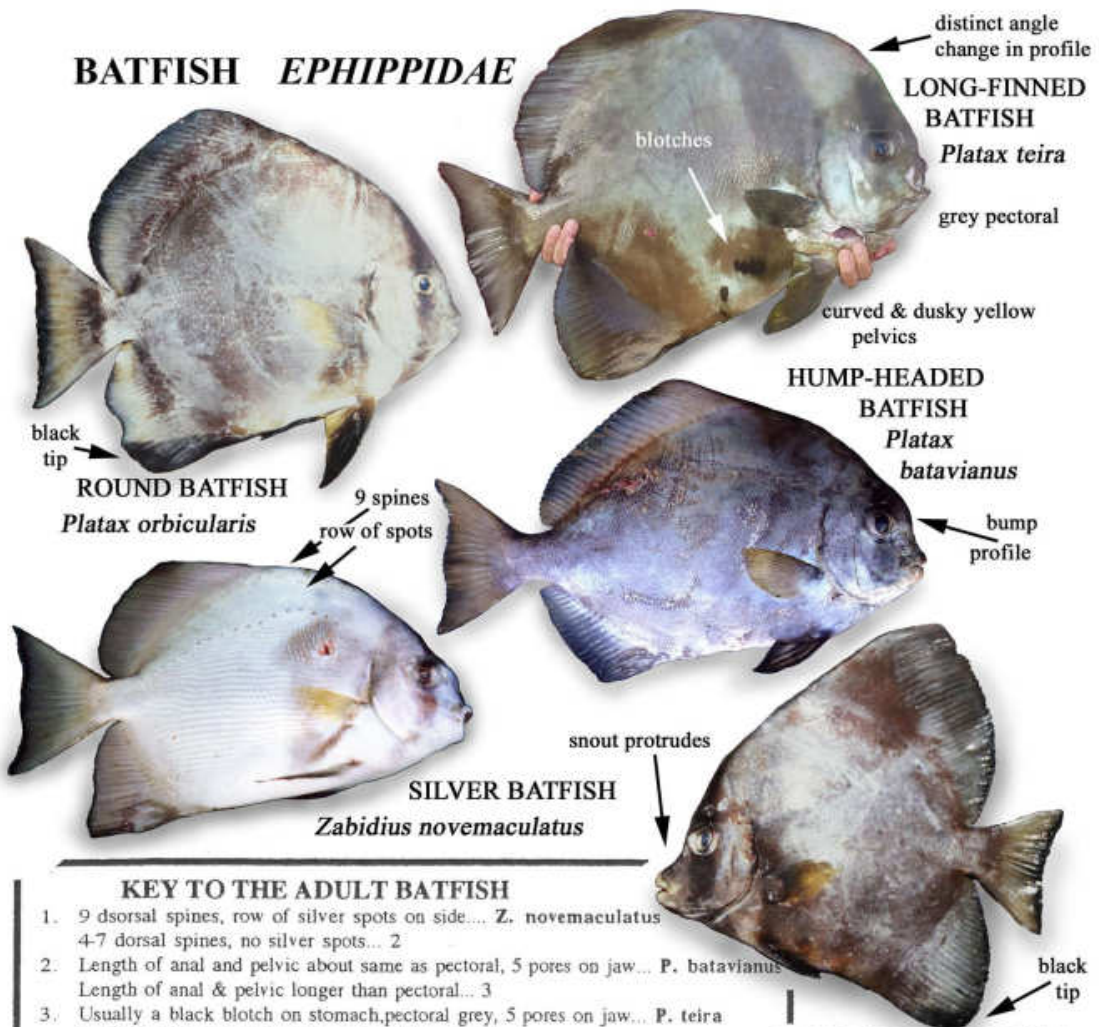
**BARRAMUNDI, GIANT PERCH**

MDUSC	26/9/13	Mackay area
MDUSC	9/4/95	Green Cape, Qld
CSC	28/7/91	Yeppoon Coast
Qld	28/7/91	Yeppoon, Qld

**SAND BASS**

-	-	-
-	-	-
CSC	5/9/87	Cairo Head, Yeppoon Coast
WA	18/7/20	Mindarie WA

**BATFISH EPHIPPIDAE**



distinct angle change in profile  
**LONG-FINNED BATFISH**  
*Platax teira*  
 grey pectoral

blotches  
 curved & dusky yellow pelvics

**HUMP-HEADED BATFISH**  
*Platax batavianus*

bump profile

black tip  
**ROUND BATFISH**  
*Platax orbicularis*  
 9 spines  
 row of spots

**SILVER BATFISH**  
*Zabidius novemaculatus*

snout protrudes

black tip  
**LONG-SNOUT BATFISH**  
*Platax pinnatus*

**KEY TO THE ADULT BATFISH**

1. 9 dorsal spines, row of silver spots on side... *Z. novemaculatus*
- 4-7 dorsal spines, no silver spots... 2
2. Length of anal and pelvic about same as pectoral, 5 pores on jaw... *P. batavianus*
- Length of anal & pelvic longer than pectoral... 3
3. Usually a black blotch on stomach, pectoral grey, 5 pores on jaw... *P. teira*
- No black blotch on stomach, pectoral yellow... 4
4. Snout protrudes giving distinctive dorsal profile, 4 pores on jaw... *P. pinnatus*
- Snout not protruding, dorsal profile rounded... 5
5. Body usually with small black speckles, fins yellowish, 5 pores on jaw, dorsal rays 31 - 34... *P. orbicularis*
- Fins bright yellow, pelvics black, body with small black speckles, 5 pores on jaw, dorsal rays 34 - 39... *P. boersii* ★ = not expected in our area - keep any.

**BATFISH EPHIPPIDAE*****Platax batavianus* Cuvier**

J	5.400 kg	Leeland Greinke
W	4.700 kg	Kate Saunders
O	8.250 kg	Simon Baldwin
A	8.250 kg	Simon Baldwin

***Platax orbicularis* (Forskall)**

J	-	-
W	-	-
O	4.750 kg	Michael Stoeckel
A	4.750 kg	Michael Stoeckel

***Platax pinnatus* (Linnaeus)**

J	2.350 kg	Michael N. Saunders
W	-	-
O	2.900 kg	Michael McDade
A	2.900 kg	Michael McDade

***Platax teira* (Forskall)**

J	10.280 kg	Leeland Greinke
W	5.884 kg	Emma Pickstone
O	10.280 kg	Leeland Greinke
A	10.280 kg	Leeland Greinke

***Zabidius novemaculeatus* McCulloch**

J	1.100 kg	Michael N. Saunders
W	-	-
O	3.100 kg	William Kersey
A	3.100 kg	William Kersey

**HUMP-HEADED BATFISH**

UAC	12/12/09	Myall Island, Keppel Island Group
UAC	30/12/05	North West Island, Capricorn Group
TSC	27/10/86	Cape Cleveland
Qld	27/10/86	Cape Cleveland, Qld

**ROUND BATFISH, BLACK-TIP BATFISH**

-	-	-
-	-	-
CUA	18/4/81	Telford Reef, off Cairns
Qld	18/4/81	Telford Reef, Qld

**LONG-SNOOT BATFISH**

BSC	7/1/02	Broomfield Reef, Capricorn Group
-	-	-
UAC	7/1/02	Broomfield Reef, Capricorn Group
Qld	7/1/02	Broomfield Reef, Qld

**LONG-FINNED BATFISH, BLOTCHED BATFISH**

UAC	30/9/09	Yeppoon
BSC	27/7/15	Cochrane Artificial Reef, Bundaberg Coast
UAC	30/9/09	Yeppoon
Qld	30/9/09	Yeppoon

**SILVER BATFISH, SHORT-FINNED BATFISH, NINE-SPINED BATFISH**

BSC	2/7/02	Middle Creek, 1770 Coast
-	-	-
MDUSC	23/8/84	South Over Falls
Qld	23/8/84	South Over Falls, Qld

**BILLFISH ISTIOPHORIDAE*****Istiophorus platypterus* (Shaw & Nodder)**

J	-	-
W	43.000 kg	Erin McGinty
O	56.500 kg	Andrew Sprenger
A	63.200 kg	Gavin Smithers

***Istiompax indica* (Cuvier)**

J	-	-
W	-	-
O	190.600 kg	Jason Jaffers
A	190.600 kg	Jason Jaffers

***Kajikia audax* (Phillippi)**

J	75.200 kg	Ryan Springall
W	-	-
O	75.200 kg	Ryan Springall
A	76.000 kg	Mark Searle

**SAILFISH, INDO-PACIFIC SAILFISH**

-	-	-
CUA	23/12/20	off Sudbury Reef, off Cairns
UAC	18/4/07	off Double Island Point
NSW	20/4/02	South Solitary Island, NSW

**BLACK MARLIN**

-	-	-
-	-	-
TGCFD	24/4/15	9 Mile Reef, Tweed Coast
Qld	24/4/15	9 Mile Reef, NSW

**STRIPED MARLIN**

TGCFD	20/12/00	Marten Seamount
-	-	-
TGCFD	20/12/00	Marten Seamount
NSW	19/3/98	Port Stehbens, NSW

**BLACK KINGFISH (COBIA) RACHYCENTRIDAE*****Rachycentron canadum* (Linnaeus)**

J	42.000 kg	Reece Whalley
W	-	-
O	49.500 kg	Jake Limov
A	49.500 kg	Jake Limov

**COBIA, BLACK KINGFISH**

BSC	19/7/20	Un-named rocks off the Kolan, Bundaberg Coast
-	-	-
UAC	15/8/11	South of Hutchisons Shoal, S.E. Qld
Qld	15/8/11	South of Hutchisons Shoal, Qld

**BLACKFISH (BLACK DRUMMER & LUDERICK) GIRELLIDAE*****Girella cyanea* MacLeay**

J	-	-
W	-	-
O	0.750 kg	Ray Inkpen
A	4.546 kg	J. Gillies

**BLUEFISH**

-	-	-
-	-	-
UAC	9/6/86	Flinders Reef, S.E. Qld
NSW	/56	Lord Howe Island

***Girella elevata* Macleay**

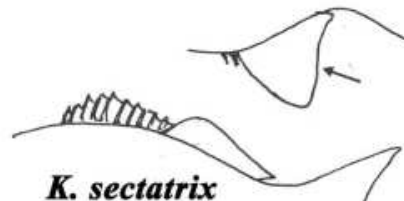
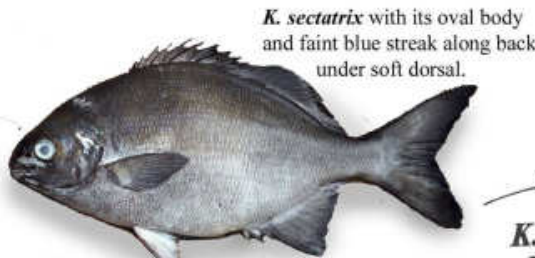
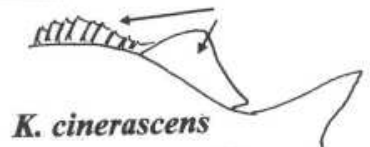
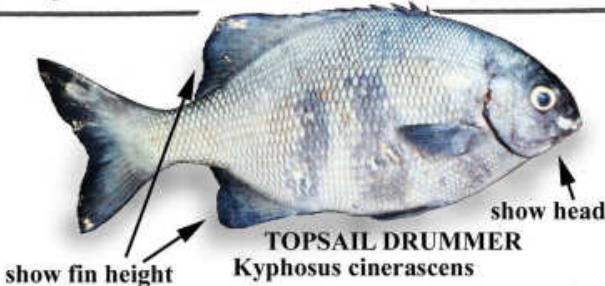
J	-	-
W	-	-
O	3.561 kg	Richard Batson
A	7.031 kg	W. Snowdon

**BLACK DRUMMER, ROCK BLACKFISH**

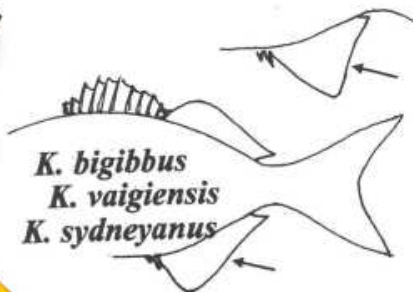
-	-	-
-	-	-
SCS	17/12/67	Coolum, Sunshine Coast
NSW	/64	Frazer Park, NSW

**BLACKFISH (SILVER DRUMMER) KYPHOSIDAE**

1. Height of soft dorsal fin much higher than height of longest dorsal spine..... *K. cinerascens*  
Height of soft dorsal about the same or shorter than dorsal spines..... 2
2. Has pronounced narrow gold stripes along sides..... *K. vaigiensis*  
Does not have gold stripes..... 3
3. Brown colour, deeply forked tail, no silver bar under eye (WA only)..... *K. cornelli* ★ = not expected in our area - keep.  
Silver grey colour, tail slightly forked, usually silver bar under eye..... 4
4. Distinct black spot below axil of pectoral fin, scales large - scale rows 50-58, gill rakers 19-21  
large squareish head (S.E. Qld) .... *K. sydneyanus*  
No distinct black spot, scales small - scale rows 58+, gill rakers 21+, head normal..... 5  
(Last two even harder to tell apart in photo.)
5. Gill rakers 26-28, scale rows 62-72, mouth profile more beak-like, anal fin much higher than dorsal, outer edge of anal almost vertical ..... *K. sectatrix*  
Gill rakers 21-24, scale rows 58-69, anal fin about same height as dorsal, outer edge of anal at about 45 degrees to vertical ..... *K. bigibbus*



Xanthomorphic examples are occasionally found in populations of *K. sectatrix*.



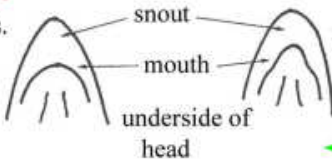
**BLANQUILLO**



**BONEFISH ALBULIDAE**

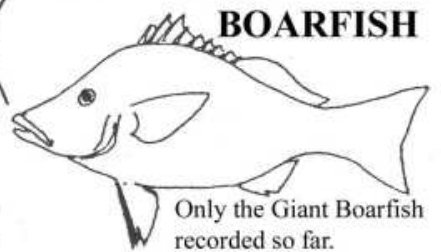


*A. glossodonta* ★  
Rounded jaw.  
Uncommon in Aus.  
If you get one please keep for the Museum.



Pointed jaw.  
*A. oligolepis*  
East coast.  
*A. argentea*  
West coast. ★

**BOARFISH**



Only the Giant Boarfish recorded so far.  
Note that a colour form with yellow spots occurs.



*Girella tricuspidata* (Quoy & Gaimard)

J	-	-
W	1.265 kg	Jennifer Budworth
O	1.265 kg	Jennifer Budworth
A	2.863 kg	J. Gillies

## LUDERICK, BLACK BREAM, NIGGER

-	-	-
TGCFD	25/7/17	Southport Seaway wall, Gold Coast
TGCFD	25/7/17	Southport Seaway wall, Gold Coast
NSW	20/11/71	North Head, NSW

**BLACKFISH (SILVER DRUMMER) *KYPHOSIDAE****Kyphosus bigibbus* Lacepede

J	5.950 kg	Tracey Collings
W	5.950 kg	Tracey Collings
O	5.950 kg	Tracey Collings
A	5.950 kg	Tracey Collings

## DARK-TAIL SILVER DRUMMER

UAC	10/1/85	North West Island, Capricorn Group
UAC	10/1/85	North West Island, Capricorn Group
UAC	10/1/85	North West Island, Capricorn Group
UAC	10/1/85	North West Island, Capricorn Group

*Kyphosus cinerascens* (Forsk.)

J	-	-
W	-	-
O	2.750 kg	Michael Greinke
A	2.750 kg	Michael Greinke

## TOPSAIL SILVER DRUMMER, HIGH-FIN SILVER DRUMMER

-	-	-
CSC	27/9/83	Lady Musgrave Island, Bunker Group
Qld	27/9/83	Lady Musgrave Island, Qld

*Kyphosus sectatrix* (Linnaeus)

J	-	-
W	-	-
O	3.350 kg	Greg Hunt
A	3.350 kg	Greg Hunt

## BLUE-BACK SILVER DRUMMER, PACIFIC DRUMMER

-	-	-
MBBC	12/6/93	Flinders Reef, S.E. Qld
Qld	12/6/93	Flinders Reef, Qld

*Kyphosus sydneyanus* (Gunther)

J	-	-
W	-	-
O	6.700 kg	Andrew Sprenger
A	14.400 kg	J. Merlo

## EASTERN SILVER DRUMMER, LARGE-SCALE DRUMMER

-	-	-
UAC	15/4/07	Hutchisons Shoal, S.E. Qld
NSW	30/9/79	Boat Harbour, NSW

*Kyphosus vaigiensis* (Quoy & Gaimard)

J	1.300 kg	Michael N. Saunders
W	-	-
O	2.923 kg	Michael Greinke
A	2.923 kg	Michael Greinke

## GOLDEN-LINED SILVER DRUMMER, LOW-FINNED DRUMMER

BSC	9/1/02	North West Island, Capricorn Group
-	-	-
CSC	12/12/79	Broomfield Reef, Capricorn Group
Qld	12/12/79	Broomfield Reef, Capricorn Group

**BLANQUILLO***Malacanthus latovittatus* (Lacepede)

J	-	-
W	-	-
O	1.000 kg	Joe Ellrott
A	1.000 kg	Joe Ellrott

**MALACANTHIDAE**

## BLUE BLANQUILLO

-	-	-
MDUSC	23/10/13	Eton Reef
Qld	23/10/13	Eton Reef, Qld

**BOARFISH***Paristiopterus labiosus* (Gunther)

J	-	-
W	-	-
O	4.130 kg	Bradford Vayo
A	12.247 kg	K. Colmer

**PENTACEROTIDAE**

## GIANT BOARFISH

-	-	-
THRAC	2/11/86	Cook Island, Tweed Coast
NSW	21/5/61	Mona Vale

**BONEFISH***Albula oligolepis* Hadika, Iwatsaki & Randall

J	-	-
W	-	-
O	7.000 kg	Craig Whalley
A	7.000 kg	Craig Whalley

**ALBULIDAE**

## EASTERN BONEFISH

-	-	-
BSC	31/8/02	Sandy Cape, off Fraser Island
Qld	31/8/02	Sandy Cape, off Fraser Island

**BREAM & SNAPPER *SPARIDAE****Acanthopagrus australis* (Gunther)

J	0.950 kg	Matthew Johnston
W	0.525 kg	Claire Hollier
O	1.700 kg	Greg Hunt
A	3.657 kg	Michael Bray

## YELLOW-FIN BREAM, SILVER BREAM

BSC	16.7.00	Bustard Head, 1770 Coast
BSC	11/9/11	Jenny Lind Creek, 1770 Coast
MBBC	21/4/91	Fido Reef, Tweed Coast
NSW	11/7/69	Sydney Harbour, NSW

*Acanthopagrus pacificus* Iwatsuki, Kume & Yoshino

J	-	-
W	0.860 kg	Claire Hollier
O	0.978 kg	Brett Gamlin
A	0.978 kg	Brett Gamlin

## PIKEY BREAM

-	-	-
BSC	29/7/11	Elliott River, Bundaberg Coast
BSC	6/10/18	Elliott River, Bundaberg Coast
Qld	6/10/18	Elliott River, Bundaberg Coast

**PIKEY BREAM**  
*Acanthopagrus*  
*pacificus*



Pikey bream do not have a black spot at the base of the pectoral fin, the silverbream does.

no spot

**SILVER BREAM**  
*Acanthopagrus australis*

Photo must show fin shape and tail shape.

**BREAM & SNAPPER**

**SPARIDAE** **TARWINE**  
*Rhabdosargus sarba*

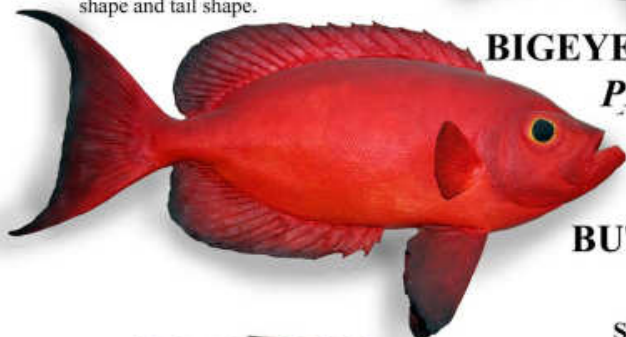


round profile

spot

**BIGEYE, BULLSEYE**  
**PRIACANTHIDAE**

**LUNAR-TAILED BIGEYE**  
*Priacanthus hamrur*



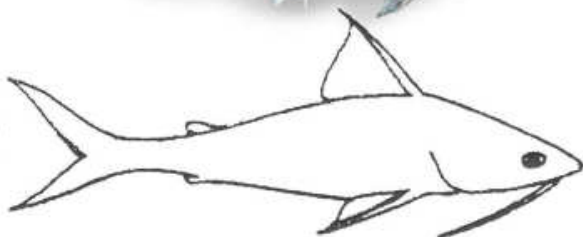
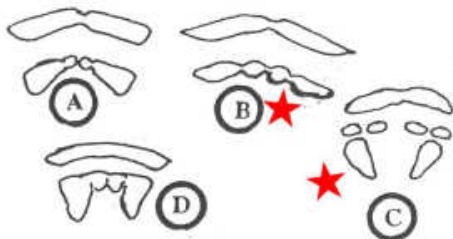
**BUTTERFISH, SCATS**  
**SCATOPHAGIDAE**

**SPOTTED SCAT** I.D. always easy.  
*Scatophagus argus*



**STRIPED BUTTERFISH**  
*Selenotoca multifasciata*

**CATFISH PLOTOSIDAE**  
**& ARIIDAE**



Palatal Tooth Patches of Some Fork-Tailed Catfishes  
(A) *Neoararius graeffei* (B) *Sciaes leptasis*  
(C) *Netuma thalassina* (D) *Netuma proxima*

It is almost impossible to identify most fork-tailed catfish from a photograph, so keep the fish. I.D. depends on tooth patches, etc.

★ = fish not on our records yet - keep fish.

**Pagrus auratus (Bloch & Schneider)**

J	0.745 kg	Callum Green
W	-	-
O	9.370 kg	Oliver Wady
A	13.720 kg	P. Clarkson

**Rhabdosargus sarba (Forskall)**

J	0.575 kg	Michael N. Saunders
W	1.720 kg	Jennifer Budworth
O	1.720 kg	Jennifer Budworth
A	1.980 kg	W. Carter

**BIGEYE, BULLSEYE PRIACANTHIDAE****Priacanthus hamrur (Forskall)**

J	-	-
W	0.680 kg	Sandy Miller
O	1.280 kg	Michael McDade
A	1.280 kg	Michael McDade

**SNAPPER, SQUIRE**

UAC	9/4/18	Hervey Bay
-	-	-
CSC	22/4/96	Kingscliff Reef, Tweed Coast
NSW	28/3/65	Terrigal Reef, NSW

**TARWHINE**

BSC	30/9/09	Yeppoon
TGCFD	26/4/20	Cabarita, Tweed Coast
Qld	26/4/20	Cabarita, Tweed Coast
NSW	24/5/08	Cronulla, NSW

**LUNAR-TAILED BIGEYE, LUNAR-TAILED BULLSEYE**

-	-	-
UAC	8/1/91	North West Island, Capricorn Group
UAC	2/1/99	North West Island, Capricorn Group
UAC	2/1/99	North West Island, Capricorn Group

**BUTTERFISH, SCATS SCATOPHAGIDAE****Scatophagus argus (Linnaeus)**

J	1.134 kg	Phillip Stehbens
W	-	-
O	1.960 kg	Andrew Clough
A	1.960 kg	Andrew Clough

**Selenotoca multifasciata (Richardson)**

J	1.060 kg	Daniel Mann
W	-	-
O	1.440 kg	Herman Scupin
A	2.013 kg	E. Smith

**SPOTTED SCAT, SPOTTED BUTTERFISH**

MS	15/1/67	Hervey Bay
-	-	-
MDUSC	25/4/01	Pioneer River, Mackay
MDUSC	25/4/01	Pioneer River, Mackay

**STRIPED BUTTERFISH, SOUTHERN BUTTERFISH**

Qld	6/1/06	Tweed River
-	-	-
UAC	17/11/85	Tweed River
NSW	18/3/73	Shoal Bay, NSW

**CATFISH PLOTOSIDAE & ARIIDAE****Cnidoglanis macrocephalus Val.**

J	-	-
W	-	-
O	1.020 kg	Duncan Limpus
A	2.625 kg	P. Howells

**Neoarius graeffei (Kner & Steindachner)**

J	1.650 kg	Scott Muskett
W	-	-
O	3.300 kg	Craig Whalley
A	3.300 kg	Craig Whalley

**Netuma proxima (Ogilby)**

J	-	-
W	-	-
O	1.606 kg	Don Norman
A	1.606 kg	Don Norman

**ESTUARINE EEL-TAIL CATFISH**

-	-	-
-	-	-
BSC	29/4/18	Tweed River, Tweed Coast
NSW	14/5/84	Broughton Island, NSW

**SALMON CATFISH, BLUE CATFISH**

UAC	23/1/00	Redcliffe Point, S.E. Qld
-	-	-
BSC	29/6/02	Bundaberg
Qld	29/6/02	Bundaberg, Qld

**ARAFURA CATFISH**

-	-	-
-	-	-
UAC	25/4/81	Kingscliff Reef, Tweed Coast
Qld	25/4/81	Kingscliff Reef, NSW

**COD & CORAL TROUT SERRANIDAE****Aethaloperca rogae (Forskall)**

J	-	-
W	-	-
O	3.700 kg	Craig Whalley
A	3.700 kg	Craig Whalley

**Anyperodon leucogrammicus (Val.)**

J	0.970 kg	Leeland Greinke
W	-	-
O	2.300 kg	William Kersey
A	2.300 kg	William Kersey

**Cephalopholis argus (Bloch & Schneider)**

J	1.950 kg	Michael N. Saunders
W	1.360 kg	Shirley Elliott
O	3.350 kg	Tim McDonald
A	3.350 kg	Tim McDonald

**RED-FLUSHED ROCK COD**

-	-	-
-	-	-
BSC	22/12/01	South-Eastern Bommie, off Fraser Island
Qld	22/12/01	S.E. Bommie, Qld

**WHITE-LINED ROCK COD**

UAC	26/9/10	Darley Reef
-	-	-
MDUSC	28/7/81	Stevens Reef
Qld	28/7/81	Stevens Reef, Qld

**PEACOCK CORAL COD**

UAC	28/12/99	North West Island, Capricorn Group
DD	27/10/74	Broadhurst Reef
UAC	1/12/07	Spit Bommie, off Fraser Island
Qld	1/12/07	Spit Bommie, Qld

- 1A Pectoral fin not heavily spotted..... 2
- 1B Pectoral fin heavily spotted..... 3
- 2A Bright red, with blue spots, but no darker bars/blotches... C. miniata
- 2B Bright red, with blue spots, and darker bars/blotches..... C. sexmaculata
- 2C Distinctive converging white stripes on tail..... C. urodeta
- 3A Pectoral with wide margin clear of spots, body spots clear and small..... C. argus
- 3B Pec with narrow margin clear of spots, body spots large and indistinct..... C. cyanostigma
- 3C Profuse red-brown spots, ..... C. sonnerati

**Key to Coral Cod**



**CORAL COD**  
*Cephalopholis miniata*

Profile of head distinctive, becoming more pronounced with age.



**TOMATO CORAL COD**  
*Cephalopholis sonnerati*

Pale reddish to yellowish brown. Body covered with small brownish-red spots often joining to form broken wavy lines.



**FRECKLED CORAL COD**  
*Cephalopholis sexmaculata*

Smooth profile.  
cast  
Largely unspotted.

Distinctive profile like that of a flowery cod.



**FLAG-TAIL CORAL COD**  
*Cephalopholis urodeta*

Pectoral largely unspotted.  
Body with 4 faint bars merging with blackish blotches along the back.

**BLUE-SPOTTED CORAL COD**  
*Cephalopholis cyanostigma*



Spots on head and chest are clear and black edged. Spots on body larger, fainter and not black edged. Pectoral heavily spotted. Only an exceptional fish could reach 38 cm.



**PEACOCK CORAL COD**  
*Cephalopholis argus*

Tail distinctive. Only an exceptional fish could reach 38 cm.

Membrane at tips red-orange.

Fish dark brown covered with small black-edged blue spots.

Sharp distinctive profile.

Outer third of pectoral unspotted and a light colour, but rest of pectoral heavily spotted.

***Cephalopholis miniata* (Forskall)**

J	1.800 kg	Ryan Springall
W	-	-
O	2.722 kg	Dave Stubberfield
A	2.722 kg	Dave Stubberfield

***Cephalopholis sexmaculata* (Ruppell)**

J	-	-
W	-	-
O	1.700 kg	Julian Clifton
A	1.700 kg	Julian Clifton

***Cephalopholis sonnerati* (Val.)**

J	2.145 kg	Callum Green
W	-	-
O	2.952 kg	Tim McDonald
A	2.952 kg	Tim McDonald

***Cromileptes altivelis* (Val.)**

J	6.000 kg	Michael N. Saunders
W	7.031 kg	Ethel Everett
O	7.800 kg	Stephen Johnston
A	7.800 kg	Stephen Johnston

***Diploprion bifasciatum* Cuvier**

J	-	-
W	-	(Size conversion from Imperial to Metric.)
O	0.482 kg	V. Ley
tie	0.482 kg	J. Black
A	0.482 kg	V. Ley
tie	0.482 kg	J. Black

***Epinephelus caeruleopunctatus* (Bloch)**

J	-	-
W	1.620 kg	Cindy Harrington
O	4.050 kg	Michael McDade
A	4.050 kg	Michael McDade

***Epinephelus coioides* (Hamilton)**

J	4.975 kg	Callum Green
W	14.360 kg	Jennifer Budworth
O	16.220 kg	Keiren Limpus
A	16.220 kg	Keiren Limpus

***Epinephelus corallicola* (Val.)**

J	-	-
W	-	-
O	6.143 kg	Alan Betts
A	6.143 kg	Alan Betts

***Epinephelus cyanopodus* (Richardson)**

J	3.600 kg	Ryan Springall
W	2.150 kg	Jayme-Lee Neilsen
O	15.500 kg	Craig Whalley
A	15.500 kg	Craig Whalley

***Epinephelus daemeli* (Günther)**

J	6.500 kg	Ryan Springall
W	4.990 kg	Pam Prescott
O	11.100 kg	Jeff Jewell
A	81.643 kg	Barry Streete

***Epinephelus fasciatus* (Forstl)**

J	0.550 kg	Michael N. Saunders
W	0.720 kg	Kerrie Licastro
O	1.000 kg	Michael McDade
A	1.134 kg	Barry Paxman

***Epinephelus fuscoguttatus* (Forsk.)**

J	13.600 kg	Graham Smith
W	14.517 kg	Ethel Everett
O	19.000 kg	Glen Howlett
A	20.500 kg	Phillippe Cottin

***Epinephelus howlandi* (Günther)**

J	1.800 kg	Ryan Springall
W	-	-
O	0.700 kg	Michael McDade
A	4.000 kg	Geoffrey Harris

**CORAL COD**

TGCFD	17/7/99	Broomfield Reef, Capricorn Group
-	-	-
BSC	12/1/71	Fairfax Island, Bunker Group
BSC	12/1/71	Fairfax Island, Bunker Group

**FRECKLED CORAL COD**

-	-	-
-	-	-
TGCFD	2/4/14	21-500 Reef, Swains Reefs
Qld	2/4/14	21-500 Reef, Qld

**TOMATO CORAL COD**

UAC	3/6/18	North West Island, Capricorn Group
-	-	-
UAC	20/2/09	unnamed reef off Fraser Island
Qld	20/2/09	Fraser Island, Qld

**BARRAMUNDI COD**

BSC	1/12/02	Chinaman Reef
MDUSC	6/12/69	Line Reef
BSC	17/10/99	Polmaise Reef, Capricorn Group
Qld	17/10/99	Polmaise Reef, Qld

**YELLOW EMPEROR**

-	-	-
-	-	-
NSW	25/12/65	Aust. Titles, Gneering Shoals, Sunshine Coast
NSW	25/12/65	Aust. Titles, Gneering Shoals, Sunshine Coast
NSW	25.12.65	Gneering Shoals, Qld
NSW	25.12.65	Gneering Shoals, Qld

**OCELLATED COD**

-	-	-
TSC	15/4/03	Bramble Reef, off Hinchbrook
UAC	18/9/94	North West Island, Capricorn Group
Qld	18/9/94	North West Island, Qld

**GOLD-SPOTTED COD, Estuary Cod, Greasy Cod**

UAC	16/1/19	Urangan, Hervey Bay Coast
TGCFD	2/9/17	Bustard Head, 1770 Coast
BSC	28/12/17	Cape Moreton, S.E. Qld
Qld	28/12/17	Cape Moreton, Qld (SEE PAGES 6B & 6C)

**CORAL ROCK COD**

-	-	-
-	-	-
THRAC	16/9/89	Sudbury Reef
Qld	16/9/89	Sudbury Reef, Qld

**PURPLE COD, BLUE MAORI COD**

TGCFD	20/5/00	Inner Gneerings, Sunshine Coast
UAC	28/9/08	North west Island, Capricorn Group
BSC	3/10/03	South-Eastern Bommie, off Fraser Island
Qld	3/10/03	S.E. Bommie, Qld

**BLACK COD, SADDLED ROCK COD**

TGCFD	11/12/00	Hutchisons Shoal, S.E. Qld
THUC	1.1.76	Kingscliff Reef, Tweed Coast
MBBC	31.8.80	Kingscliff Reef, Tweed Coast
NSW	22/5/76	Edith Breaker, NSW

**BLACK-TIPPED ROCK COD**

BSC	29/12/00	North West Island, Capricorn Group
UAC	31/12/93	North West Island, Capricorn Group
UAC	28/9/94	North West Island, Capricorn Group
WA	4/7/72	Cabbadaman Passage, WA

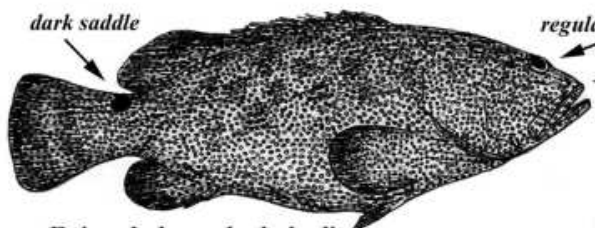
**FLOWERY COD**

BSC	21/11/65	Lady Musgrave Island, Bunker Group
MDUSC	7/4/68	Prodhoe Island
TSC	16/11/85	Ribb Reef
NSW	15/6/88	Herald Cay, Qld

**BLACK-SADDLE ROCK COD, (Fario Cod)**

TGCFD	17/7/99	Broomfield Reef, Capricorn Group
-	-	-
UAC	4/10/02	Escape Reef, off Cairns
NSW	27/6/89	Mellish Reef, Qld

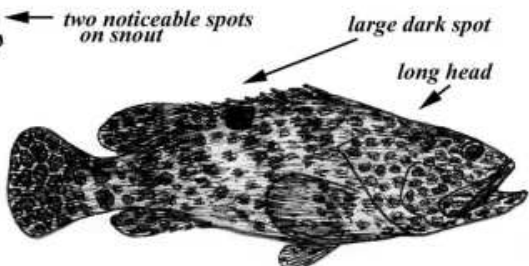
# COD



dark saddle

regular profile

*Epinephelus polyphekadion*  
**MARBLED COD**

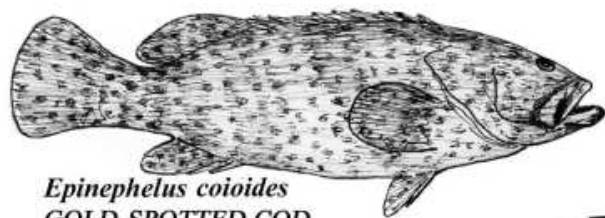


two noticeable spots on snout

large dark spot

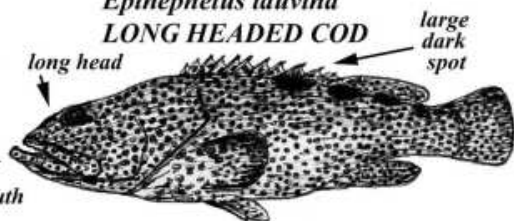
long head

*Epinephelus tauvina*  
**LONG HEADED COD**



*Epinephelus coioides*  
**GOLD-SPOTTED COD**

dent in dorsal profile



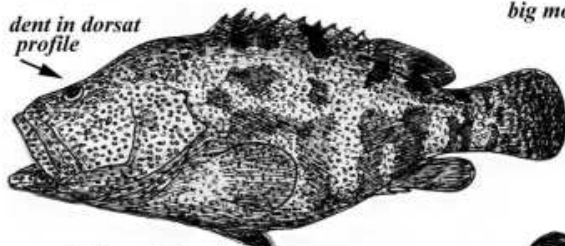
long head

large dark spot

big mouth

*Epinephelus tauvina*  
**LONG-HEADED COD**

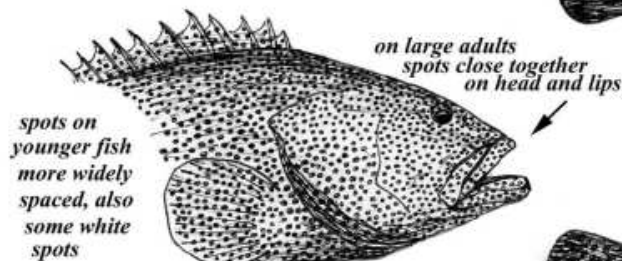
may be mottled or spotted, turns black on death, may be black in water too



*Epinephelus fuscoguttatus*  
**FLOWERY COD**



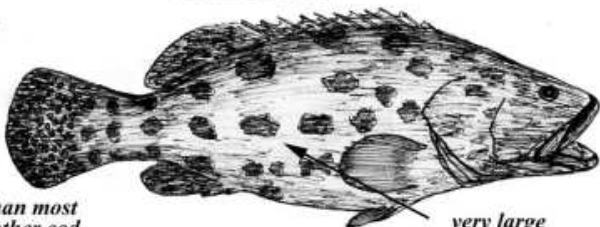
*Epinephelus daemelli*  
**BLACK COD**



on large adults spots close together on head and lips

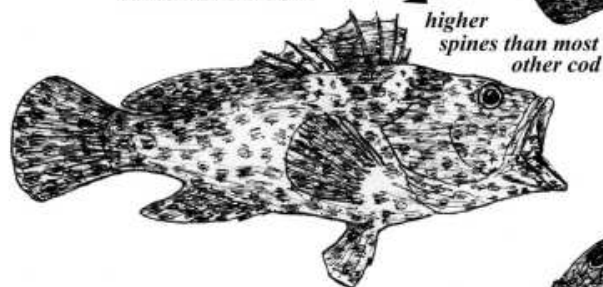
spots on younger fish more widely spaced, also some white spots

*Epinephelus malabaricus*  
**BLACK SPOT COD**



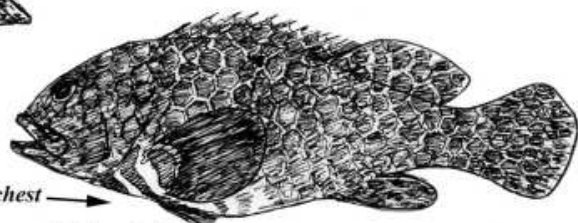
very large spots

*Epinephelus tukula*  
**POTATO COD**



higher spines than most other cod

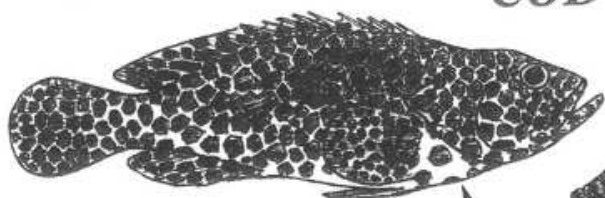
*Epinephelus maculatus*  
**HIGH-FIN COD**



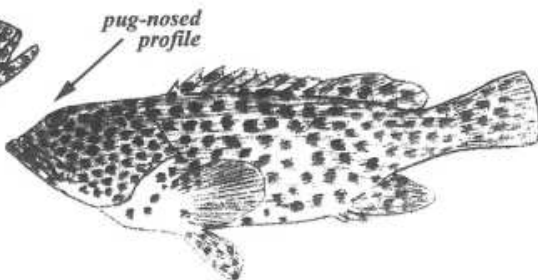
bars on chest

*Epinephelus quoyanus*  
**LONG-FINNED COD**

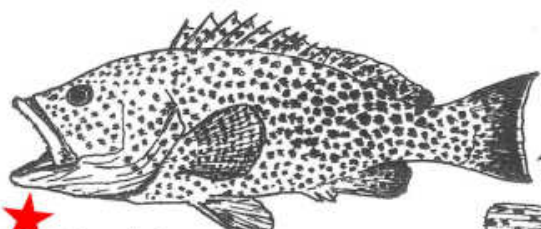
often mistaken for wire-netting cod



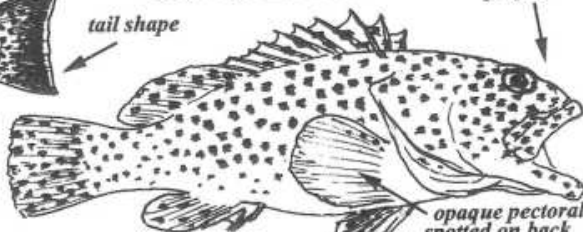
*Epinephelus merra*  
**WIRE NETTING COD** ★ spots on chest  
(Probable too small to reach legal size.)



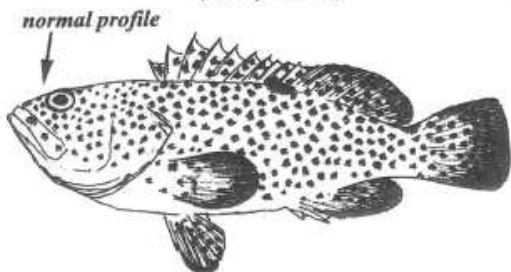
*Epinephelus macrospilos*  
**PUG-NOSED COD** pug-nosed profile



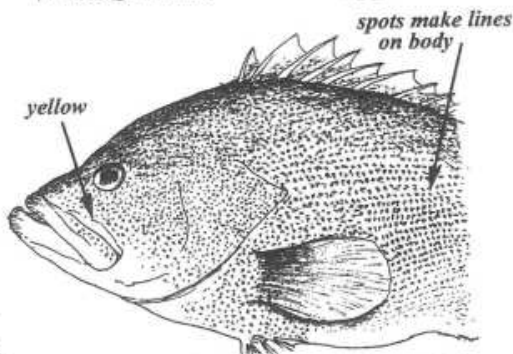
★ *Epinephelus aerolatus*  
**SQUARE-TAILED COD**  
(Weedy shoals)



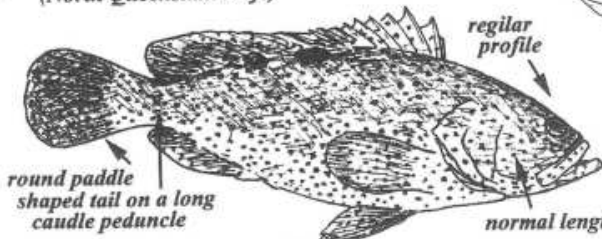
*Epinephelus macrospilos*  
**PUG-NOSED COD**  
(Whole Qld coast.)



*Epinephelus howlandi*  
**BLACK-SADDLED COD**  
(North Queensland reefs)



*Epinephelus undulatostratus*  
**MAORI COD**  
(NSW & southern Qld)



*Epinephelus corallicola*  
**CORAL ROCK COD** (Whole Qld coast)

**“ESTUARY COD”**

Estuary cod is an example of the confusion that can arise around a common name. Early days it was *Epinephelus tauvina*. Then it was found that there were two species that were being mixed up as estuary cod, *Epinephelus malabaricus* was in the picture. (Scientists are still not sure of the maximum size of these cod because of the possibility of early misidentifications.) Next the name *E. tauvina* was found to actually belong to another cod. Somehow the transfer of the scientific name then took the common name estuary cod with it... even though this was a cod that dwelt on the reef, not in the estuary. However many fishermen still kept estuary cod for the fish now called *E. coioides*. The solution... don't use the name estuary cod.

- gold-spotted cod
- black spot cod
- long-headed cod

- Epinephelus coioides*
- Epinephelus malabaricus*
- Epinephelus tauvina*

### LARGE COD & SIZE LIMITS

The AUF & AUFQ have long had a self-regulatory ban on the taking of Queensland grouper (*Epinephelus lanceolatus*) and gold-spotted cod (*E. coioides*). Records for these fish were set before this ban. The Queensland Government finally brought in total protection for Qld grouper and potato cod (*E. tukula*). The regulations now place a minimum (and sometimes a maximum) size on nearly all species of cod. The minimum size of 38 cm means many of the smaller species of cod, which don't grow that big, by this de facto means, probably can't be reset. Barramundi cod (*C. altivelis*) are now also totally protected in Qld... the reason - they are "iconic." Now that government regulations are in place, AUF & AUFQ have dropped their own regulatory bans. In setting records fisheries regulations must be abided by.

### NOTES ON GOLD-SPOTTED COD RECORDS

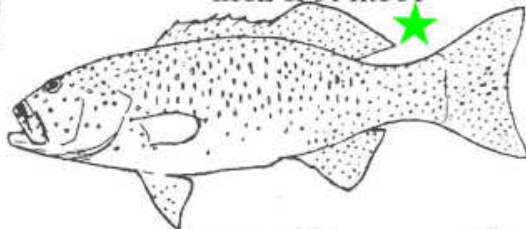
On information from Bundaberg Skindivers as to the identity of the fish which held the Qld open category for gold-spotted cod (*E. coioides*), Brian Weiss (BSC) 26/8/51 at 98.885 kg, it has been removed. At this time other records were also reviewed and the junior record was also removed. This left the women's record to also be the open record. Since then new Qld open, women's and junior records have been set which complied with current regulations, and were the correct species. Under current regulations the records obviously can't reflect the full size this large species grows to.

In 2021 the Australian Records Officer removed the 198 kg national record as a misidentification, and elevated the Qld record to take its place. In all these cases the fish misidentified were Qld groper (*E. lanceolatus*).

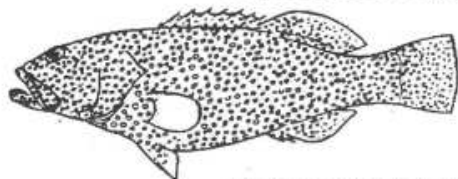
### Lunar-Tailed Cod & Coral Trout

See also pages 7A, 7B & 7C.

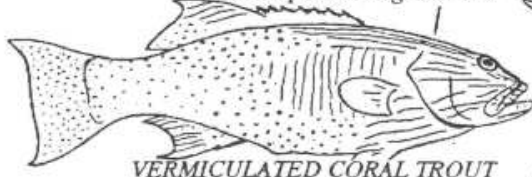
*Plectropomus pessuliferum*  
HIGH-SPOT TROUT



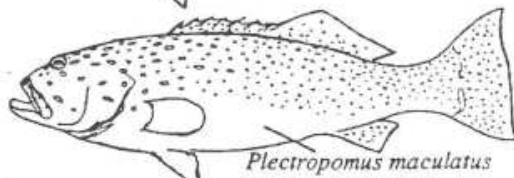
*Plectropomus areolatus*  
PASSIONFRUIT TROUT



*Plectropomus oligacanthus*



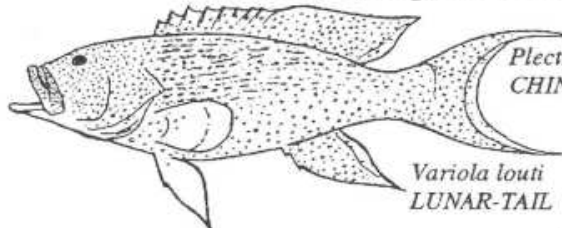
VERMICULATED CORAL TROUT



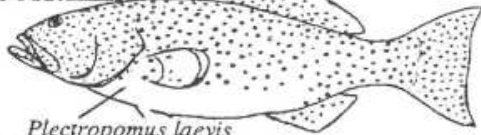
*Plectropomus maculatus*  
LONG-SPOT TROUT



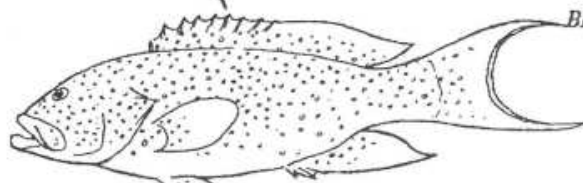
*Plectropomus laevis*  
CHINESE FOOTBALLER



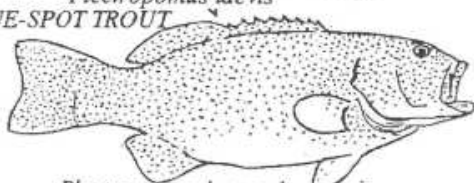
*Variola louti*  
LUNAR-TAIL COD



*Plectropomus laevis*  
BLUE-SPOT TROUT



*Variola albimarginata*  
WHITE-MARGINED  
CORONATION TROUT



*Plectropomus leopardus*  
LEOPARD TROUT

★ = not likely to be found in our area - keep fish if claiming.



***Epinephelus lanceolatus (Bloch)***

J 233.146 kg Ralph Whalley  
 W - -  
 O 233.146 kg Ralph Whalley  
 A 233.136 kg Ralph Whalley

***Epinephelus macrospilos (Bleeker)***

J - -  
 W - -  
 O 1.850 kg Greg Hunt  
 A 1.850 kg Greg Hunt

***Epinephelus maculatus (Bloch)***

J 2.430 kg Jayme-Lee Neilsen  
 W 2.430 kg Jayme-Lee Neilsen  
 O 4.100 kg Craig Whalley  
 A 4.100 kg Craig Whalley

***Epinephelus malabaricus (Schneider)***

J 36.300 kg Phillip Stehbins  
 W - -  
 O 49.300 kg Mark Modini  
 A 49.300 kg Mark Modini

***Epinephelus ongus (Forsk)***

J - -  
 W 0.700 kg Kerrie Licastro  
 O 0.960 kg Duncan Limpus  
 A 0.960 kg Duncan Limpus

***Epinephelus polyphekadion (Bleeker)***

J 3.100 kg Judy Van Leeuwen  
 W 3.100 kg Judy Van Leeuwen  
 O 5.830 kg Craig Whalley  
 A 5.830 kg Craig Whalley

***Epinephelus quoyanus (Val.)***

J 0.750 kg Michael N. Saunders  
 W 0.520 kg Kirsten Kopitke  
 O 1.050 kg Brendan Whalley  
 A 1.050 kg Brendan Whalley

***Epinephelus tauvina (Forsk)***

J - -  
 W - -  
 O 3.700 kg Neale Watt  
 A 3.700 kg Neale Watt

***Epinephelus tukula Morgans***

J - -  
 W - -  
 O 54.500 kg Lyle Squire  
 A 54.500 kg Lyle Squire

***Epinephelus undulatostratus (Forsk)***

J 3.200 kg Ryan Springall  
 W 1.300 kg Jennifer Budworth  
 O 7.350 kg Andrew Sprenger  
 A 7.350 kg Andrew Sprenger

***Gracila albomarginata (Fowler)***

J - -  
 W - -  
 O 1.132 kg Sid Caswell  
 A 1.132 kg Sid Caswell

***Plectropomus aerolatus (Ruppell)***

J 4.850 kg Hayden Sturdy  
 W 3.450 kg Erin McGinty  
 O 5.450 kg Lyle Squire  
 A 5.450 kg Lyle Squire

***Plectropomus laevis (Lacepede)***

J 15.300 kg Ryan Springall  
 W 16.322 kg Ethel Everett  
 O 24.750 kg P. Mullins  
 A 24.750 kg P. Mullins

**QUEENSLAND GROPER**

BSC 27/2/66 Lady Elliot Island, Bunker Group  
 - - -  
 BSC 27/2/66 Lady Elliot Island, Bunker Group  
 Qld 27/2/66 Lady Elliot Island, Qld

**PUG-NOSED WIRE-NETTING COD**

- - -  
 MBBC 17/12/83 Flinders Reef, S.E. Qld  
 Qld 17/12/83 Flinders Reef, S.E. Qld

**HIGH-FIN COD**

UAC 2/12/08 Marion Reef, Coral Sea  
 UAC 2/12/08 Marion Reef, Coral Sea  
 BSC 25/10/01 S.E. Bommie, off Fraser Island  
 Qld 25/10/01 Fitzroy Reef, Qld

**BLACK-SPOTTED COD, MORGANS COD**

MS 9/7/67 Llewlyn Reef, Bunker Group  
 - - -  
 Sub. 31/10/82 Broomfield Reef, Capricorn Group  
 QLD 31/10/82 Broomfield Reef, Qld

**SPECKLE-FIN ROCK COD**

- - -  
 UAC 12/1/94 North West Island, Capricorn group  
 BSC 26/7/14 Fitzroy Reef, Bunker Group  
 Qld 26/7/14 Fitzroy Reef, Qld

**MARBLED COD, CAMOUFLAGE COD, SNOOT-SPOT COD**

UAC 9/1/86 North West Island, Capricorn Group  
 UAC 9/1/86 North West Island, Capricorn Group  
 BSC 20/2/09 Herald Patch, off Bundaberg  
 Qld 20/2/09 Herald Patch, Qld

**LONG-FINNED ROCK COD**

UAC 29/17/99 North West Island, Capricorn Group  
 UAC 11/1/02 North West Island, Capricorn Group  
 BSC 4/8/12 Fitzroy Reef, Bunker Group  
 Qld 4/8/12 Fitzroy Reef, Bunker Group

**LONG-HEADED COD, (GREASY COD)**

- - -  
 MBBC 21/1/96 Flinders Reef, S.E. Qld  
 Qld 21/1/96 Flinders Reef, Qld

**POTATO COD**

- - -  
 CUA 16/12/74 No.7 Ribbon Reef  
 Qld 16/12/74 No. 7 Ribbon Reef, Qld

**MAORI COD**

TGCFD 6/7/00 North West Island, Capricorn Group  
 TGCFD 21/1/21 North West Island, Capricorn Group  
 UAC 6/5/10 coffee rock off Moreton Island, S.E. Qld  
 Qld 6/5/10 coffee rock off Moreton Island, Qld

**CHESTNUT GROUPER**

- - -  
 CUA 3/11/83 Tijou Reef  
 Qld 3/11/83 Tijou Reef, Qld

**PASSIONFRUIT CORAL TROUT**

MDUSC 14/12/19 Callum Shoal  
 CUA 10/4/21 Ribbon Reefs  
 CUA 12/11/78 Opal Reef  
 Qld 12/11/78 Opal Reef, Qld

**BLUE-SPOT CORAL TROUT, CHINESE FOOTBALLER**

TGCFD 7/9/00 Diamond Reef, Coral Sea  
 MDUSC 22/12/69 Tideway Reef  
 NSW 13/11/97 Wreck Reef, Coral Sea  
 NSW 13/11/97 Wreck Reef, Qld

KEY (by colour) to the LUNAR-TAIL COD genus *VARIOLA* and the CORAL TROUT genus *PLECTROPOMUS*

1. (a) The edge of the tail forms a deep crescent.....
- (b) The edge of the tail doesn't form a deep crescent.....
2. (a) Margin of tail broadly yellow..... *Variola louti*
- (b) Narrow white margin of tail, and a dark sub-marginal line to tail..... *Variola albimarginata*
3. (a) Long blue stripes running the full length of head and onto the body, lower stripe has perpendicular bars on body, rear part of body spotted..... *Plectropomus oligacanthus*
- (b) Body with round or elongated spots, but none which could be mistaken for stripes approaching head length.....
4. (a) Colour black and white, tail and fins yellow..... *Plectropomus laevis* (footballer)
- (b) Colour reddish, brownish, or olive, tail not yellow.....
5. (a) Body covered with spots which are elongated towards the head (horizontally elongated), spots larger but fewer towards head, 3-7 spots on cheek..... *Plectropomus maculatus*
- (b) Body covered with blue spots, fewer on head, spots vertically elongated over middle of body..... *Plectropomus pessuliferum*
6. (c) Body covered with only round spots.....
7. (a) "Fangs" in top jaw not prominent (1 below). Blue ring around eye (2 below). Pectoral fin transparent (3 below). Body peppered with very small spots, all spots on body about same size, at least 10 on cheek (4 below). Front corner of anal fin rounded (5 below)..... *Plectropomus leopardus*
- (b) "Fangs" in top jaw robust and very prominent (1 below). No complete blue ring around eye (2 below). Pectoral fin not transparent (3 below). Body covered with larger spots, spots larger towards centre of body (4 below). Front corner of anal fin angular (5 below)..... *Plectropomus laevis*

ANAL FIN SHAPES\*  
(See bottom of page.)



(CHINESE) FOOTBALLER

For years the footballer form was recognized as a separate species.

(JUVENILE/IMMATURE FORM OF BLUE-SPOT)

*Plectropomus laevis* The footballer form may be encountered up to about 9 kg before changing, but it may also change over as small as half a kilo.

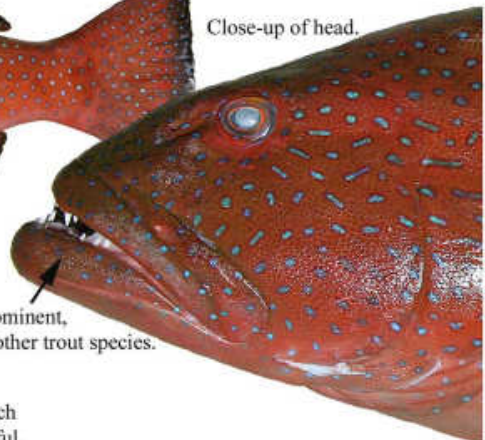


BLUE-SPOT TROUT  
(S.E. QLD VARIANT)

*Plectropomus laevis*

A number of specimens showing this pattern have been taken, and this one was given to the Qld Museum. Spots on head are normally round.

Close-up of head.



Opaque pectoral fin.

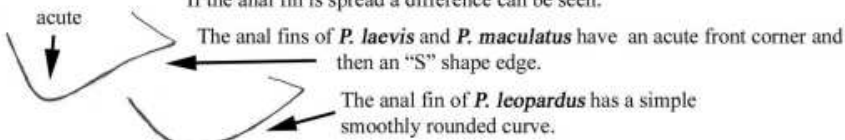
Shape of anal fin.

Teeth very prominent, more so than other trout species.

### ANAL FIN TROUT I.D. POINT\*

When dealing with a genus so closely related, and yet with so much colour and pattern variation in each species all I.D. points are useful.

If the anal fin is spread a difference can be seen.



# Coral Trout



**LEOPARD TROUT**  
*Plectropomus leopardus*  
Deep water colouration.

Rounded anal.

Body peppered with small spots, at least 10 on cheek.



**LEOPARD TROUT**  
*Plectropomus leopardus*

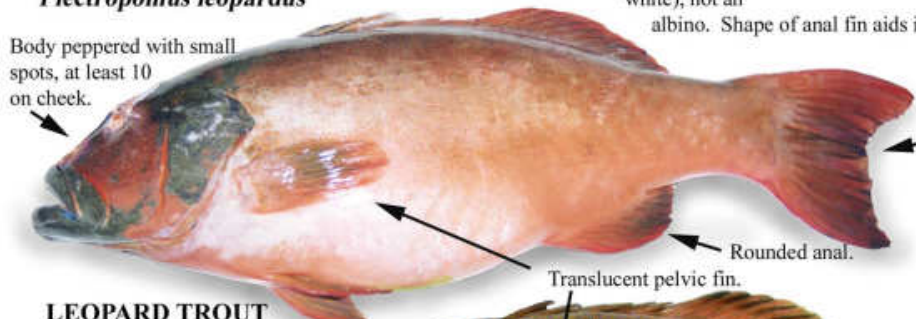
Melanistic colour patches may be a skin condition.



**LEOPARD TROUT**  
*Plectropomus leopardus*

A xanthomorphic example (mainly yellow & white), not an albino. Shape of anal fin aids identification.

Bryson Sheehy with a (leopard trout?) that has a bit of everything.



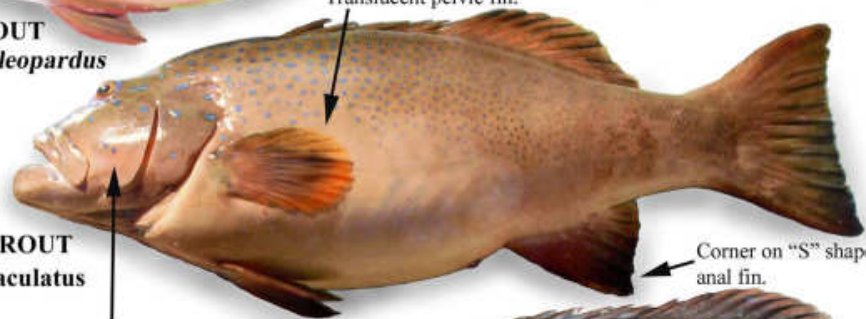
Body peppered with small spots, at least 10 on cheek.

Melanistic colour patches on head of this individual.

**LEOPARD TROUT**  
*Plectropomus leopardus*

Translucent pelvic fin.

Rounded anal.



**LONG-SPOT TROUT**  
*Plectropomus maculatus*

Corner on "S" shape anal fin.

Usually 3-7 spots on cheek. Spots usually horizontally elongate. Spots round, smaller and more numerous towards rear of body.

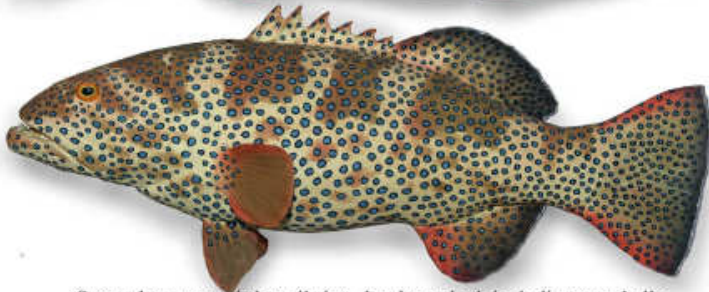
**LONG-SPOT TROUT**  
*Plectropomus maculatus*

Shallow water colouration.





**PASSIONFRUIT TROUT**  
*Plectropomus aerolatus*



**PASSIONFRUIT TROUT  
(cast)**  
*Plectropomus aerolatus*

Tail shape slightly convex or truncate.

Spots about one third pupil size, densely packed, including over belly.

**VERMICULATED TROUT**

*Plectropomus oligacanthus*

This is the larger of the two fish below at 4.08 kg.



Distinctive fin and tail shape.



Shallow water (green) colouration.

Same day, same reef.



Deep water (red) colouration.

**TWO VERMICULATED TROUT**  
*Plectropomus oligacanthus*

***Plectropomus leopardus* (Lacepede)**

J 6.700 kg Ryan Springall  
 W 4.100 kg Belinda Parkes  
 O 10.250 kg Bryson Sheehy  
 A 10.250 kg Bryson Sheehy

***Plectropomus maculatus* (Bloch)**

J 6.550 kg David Jensen  
 W 5.950 kg Adriana Djurasevich  
 O 9.700 kg Trevor Ketchion  
 A 9.700 kg Trevor Ketchion

***Plectropomus oligacanthus* (Bleeker)**

J - -  
 W - -  
 O 4.080 kg Adam Smith  
 A 4.080 kg Adam Smith

***Triso dermopterus* (Temminck & Schlegel)**

J - -  
 W - -  
 O 3.500 kg Tim Neilsen  
 A 3.500 kg Tim Neilsen

***Variola albomarginata* Biassac**

J - -  
 W - -  
 O 1.750 kg Brendan Whalley  
 A 1.750 kg Brendan Whalley

***Variola louti* (Forskall)**

J 2.155 kg Callum Green  
 W - -  
 O 7.450 kg Andrew Sprenger  
 A 7.450 kg Andrew Sprenger

**LEOPARD CORAL TROUT, REEF TROUT, COMMON TROUT**

TGCFD 4/1/00 Outer Gneerings, Sunshine Coast  
 NSW 5/1/01 North West Island, Capricorn Group  
 TGCFD 3/8/09 Brennans Shoal, S.E. Qld  
 Qld 3/8/09 Brennans Shoal, Qld

**BAR-CHEEK TROUT, LONG-SPOT TROUT, COASTAL TROUT**

CCSC 16.8/09 Rock Cod Shoal, off Gladstone  
 TGCFD 20/9/09 Douglas Shoal, off Gladstone  
 TGCFD 19/3/17 Comboyuro Ledge, Moreton Island  
 Qld 19/3/17 Comboyuro ledge, Moreton Island, Qld

**VERMICULATED CORAL TROUT, HIGH-FIN TROUT**

- - -  
 TSC 15/10/97 Ashmore Reef, off Cape York  
 Qld 15/10/97 Ashmore Reef, Qld

**DUSKY COD, OVAL COD**

- - -  
 UAC 14/11/98 near Middle Reef, off Stradbroke Island  
 QLD 14/11/98 Middle Reef, S.E. Qld

**WHITE-MARGINED CORONATION TROUT**

- - -  
 BSC 13/7/10 Fitzroy Reef, Bunker Group  
 Qld 13/7/10 Fitzroy Reef, Qld

**CORONATION TROUT, LUNAR-TAILED ROCK COD/ TROUT**

UAC 16/1/19 Sykes Reef, Bunker/Capricorn Group  
 - - -  
 UAC 10/4/06 Hutchisons Shoal, S.E. Qld  
 Qld 10/4/06 Hutchisons Shoal, Qld

**CORALFISH *CHAETODONTIDAE******Chaetodon lineolatus* (Cuv. & Val.)**

J - -  
 W - -  
 O 0.679 kg A. Badger  
 A 1.021 kg J. Sue

**NEW MOON CORALFISH**

- - -  
 - /69 Australian Titles, Maroochydore, Sunshine Coast  
 WA Dirk Hartog Island, WA

**DART, TREVALLY, KINGFISH *CARANGIDAE******Alectis ciliaris* (Bloch)**

J 9.350 kg Daniel Russell  
 W 4.550 kg Jennifer Budworth  
 O 16.140 kg Tim McDonald  
 A 16.140 kg Tim McDonald

**PENNANT FISH**

MDUSC 20/12/17 Broomfield Reef, Capricorn Group  
 TGCFD 21/12/20 Broomfield Reef, Capricorn Group  
 TGCFD 3/7/12 Sandy Cape Shoal, Fraser Island  
 Qld 3/7/12 Sandy Cape Shoal, Qld

***Alectis indica* (Ruppell)**

J 14.627 kg Ralph Whalley  
 W - -  
 O 15.330 kg Trevor Ketchion  
 A 15.421 kg Barry Paxman

**DIAMOND TREVALLY**

BSC 2/2/65 Round Hill Head, 1770 Coast  
 - - -  
 TGCFD 26/12/16 Sandy Cape Shoal, Fraser Island  
 WA 22/2/71 Muriel Island, WA

***Alepes vari* (Cuv. & Val.)**

J - -  
 W - -  
 O 1.410 kg Jackson Shields  
 A 1.410 kg Jackson Shields

**HERRING SCAD**

- - -  
 NZ 17/11/15 Otter Reef, off Hinchinbrook  
 NZ 17/11/15 Otter Reef, Qld

***Carangoides bajad* (Forskall)**

J - -  
 W - -  
 O 1.050 kg Tony King  
 A 1.050 kg Tony King

**ORANGE-SPOTTED TREVALLY**

- - -  
 UAC 3/10/02 Ribbon Reef No. 3, off Cooktown  
 Qld 3/10/02 Ribbon Reef No. 3, Qld

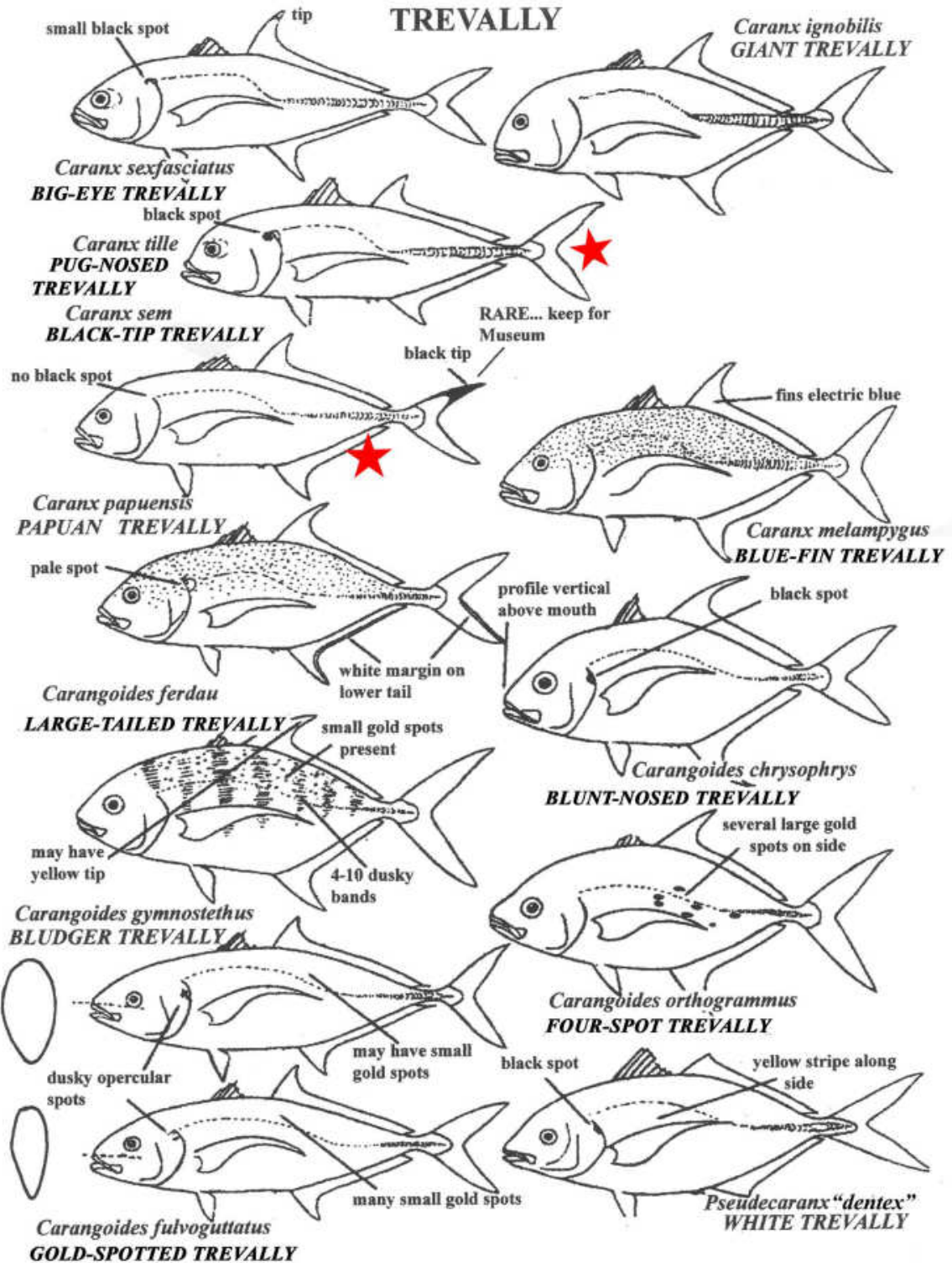
***Carangoides chrysophrys* (Cuvier)**

J - -  
 W - -  
 O 6.420 kg Andrew Sprenger  
 A 6.420 kg Andrew Sprenger

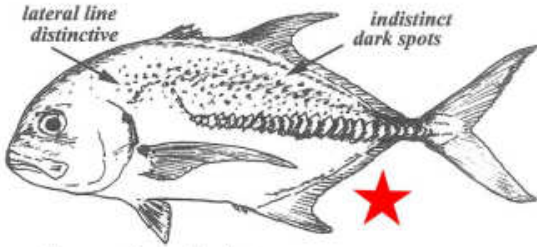
**BLUNT-NOSED TREVALLY, LONG-NOSED TREVALLY**

- - -  
 UAC 6/1/06 Hutchisons Shoal, S.E. Qld  
 Qld 6/1/06 Hutchisons Shoal, Qld

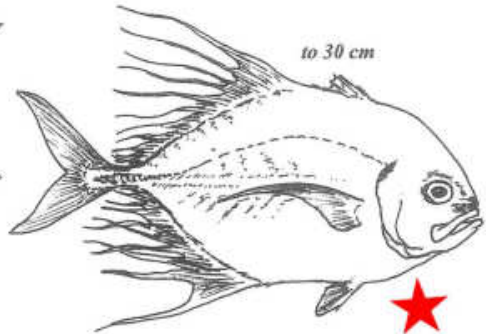
**TREVALLY**



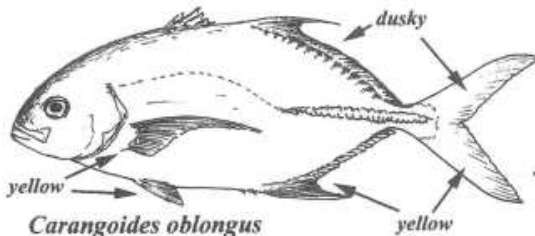
# TREVALLY



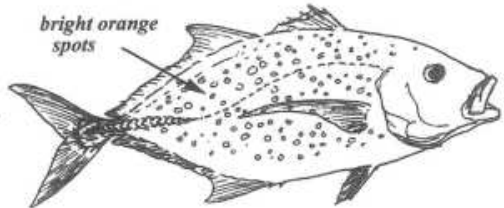
*Caranx bucculentus*  
**BLUE-SPOTTED TREVALLY**  
 (coastal, on "Cetacea" wreck off 1770 to about 4 kg, may look like a small GT from a distance.)



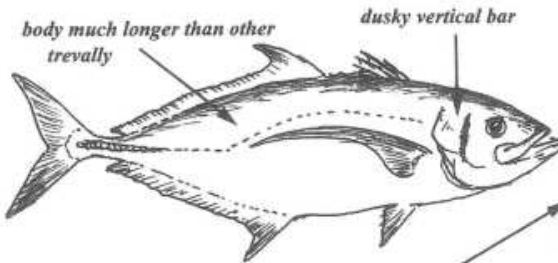
*Carangoides hedlandensis*  
**BUMP-NOSED TREVALLY**  
 (Coastal, small size)



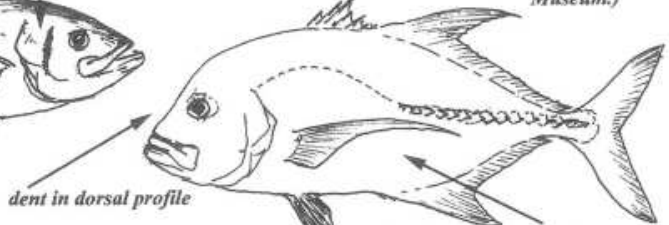
*Carangoides oblongus*  
**COACHWHIP TREVALLY**  
 (top rays of dorsal may be extended)



*Carangoides bajad*  
**ORANGE-SPOTTED TREVALLY**  
 (Widespread but very rare in our area, keep for Museum.)



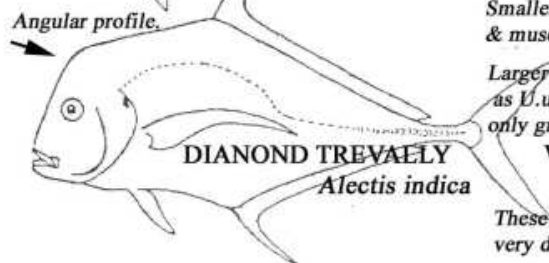
*Carangoides plagiotaenia*  
**BAR-CHEEK TREVALLY**



*Caranx lugubris*  
**BLACK TREVALLY**



**PENNANT FISH**  
*Alectis ciliaris*



**DIAMOND TREVALLY**  
*Alectis indica*



Smaller fish 0.6 kg & museum identified.



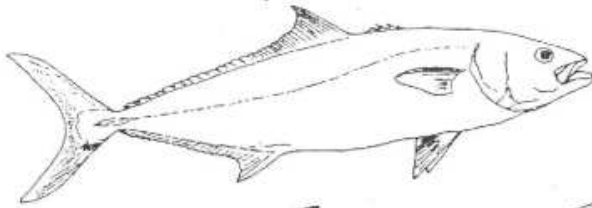
Larger fish 3.629 kg as *U. uraspis* (which only grows to about 0.5 kg.)

**WHITE-TONGUED TREVALLY**  
*Uraspis secunda*

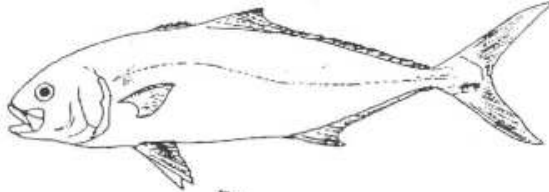
These species are found around FADs. 2 or 3 species that are very difficult to separate. Fish claims must be kept.

Photo should show extended fins and colour.

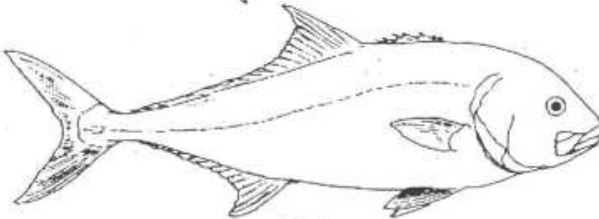
# Kingfish - *Seriola*



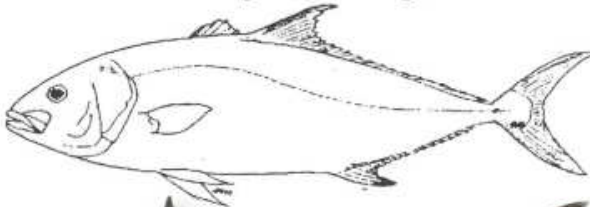
*Seriola lalandi*  
**YELLOWTAIL KINGFISH**  
Supermaxilla narrow, body elongate, blue back, tail yellow.



*Seriola dumerili*  
**YELLOW-BANDED AMBERJACK**  
Supermaxilla broad, soft dorsal height subequal to length of pectoral fin, dorsal rays 29-35, gill rakers 11-19, back grey or olive, tail dark or dusky.



*Seriola hippos*  
**SAMSON FISH**  
Supermaxilla broad, soft dorsal height equal to or slightly longer than the pectoral, soft dorsal rays 23-25, gill rakers 10-12, teeth patches red, back blue-green, tail greenish yellow, anterior profile of head blunt, highest part of body at shoulder.



*Seriola rivoliana*  
**HIGH-FIN AMBERJACK**  
Supermaxilla broad, soft dorsal height significantly longer than pectoral, dorsal rays 27-33, gill rakers 22-26, back olive with lavender reflections, tail dusky.



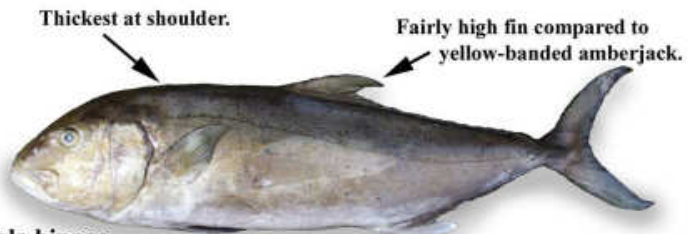
*Seriolina nigrofasciata* (Ruppell)  
**BLACK-BANDED AMBERJACK**

Colour blue/green back with 5 to 7 dark oblique bands, more prominent younger fish. Gill rakers 4 - 10 elements, mostly rudiments. Dorsal rays 30-37. Spiny dorsal fin black. A solitary species near off-shore reefs, seldom seen close to shore. Size to about 5 or 6 kg.



"neck"

*Seriola hippos*  
**SAMSON FISH**



Thickest at shoulder.

Fairly high fin compared to yellow-banded amberjack.



***Carangoides ferdau* (Forsk.)**

J	1.150 kg	Michael N. Saunders
W	-	-
O	2.300 kg	Michael J. Saunders
A	2.300 kg	Michael J. Saunders

***Carangoides fulvoguttatus* (Forsk.)**

J	10.250 kg	Darcey Davey
W	7.500 kg	Cindy Harrington
O	12.200 kg	Gary Crawford
A	12.200 kg	Gary Crawford

***Carangoides gymnotethus* Bleeker**

J	5.305 kg	Darcey Davey
W	7.800 kg	Jennifer Budworth
O	9.200 kg	David McAllister
A	9.200 kg	David McAllister

***Carangoides oblongus* (Cuvier)**

J	-	-
W	-	-
O	0.600 kg	Michael McDade
A	0.600 kg	Michael McDade

***Carangoides orthogrammus* Jor. & Gil.**

J	0.750 kg	Darcey Davey
W	-	-
O	7.800 kg	Brendan Whalley
A	7.800 kg	Brendan Whalley

***Carangoides plagiotaenia* Bleeker**

J	-	-
W	-	-
O	1.550 kg	William Hall
A	1.550 kg	William Hall

***Caranx ignobilis* (Forsk.)**

J	24.250 kg	Joshua McDonald
W	18.594 kg	Ethel Everett
O	46.800 kg	Chris Robb
A	63.200 kg	Darren Higgins

***Caranx lugubris* (Poey)**

J	5.500 kg	Michael N. Saunders
W	-	-
O	9.000 kg	Adam Smith
A	9.100 kg	Aaron Puckeridge

***Caranx melampygus* Cuv. & Val.**

J	3.500 kg	Michael N. Saunders
W	1.040 kg	Jennifer Budworth
O	5.596 kg	Peter Ritchie
A	7.760 kg	Aaron Puckeridge

***Caranx papuensis* Alleyne & Macleay**

J	-	-
W	1.040 kg	Jennifer Budworth
O	2.600 kg	Michael McDade
A	8.000 kg	Greg Pickering

***Caranx sexfasciatus* Quoy & Gaimard**

J	3.067 kg	Jayne-Lee Neilsen
W	3.067 kg	Jayne-Lee Neilsen
O	6.900 kg	Craig Whalley
A	6.900 kg	Craig Whalley

***Decapterus macarellus* (Cuv.)**

J	-	-
W	-	-
O	1.200 kg	Jeff Muskett
A	1.200 kg	Jeff Muskett

***Elegatis bipinnulata* (Quoy & Gaimard)**

J	1.940 kg	Michael N. Saunders
W	3.080 kg	Claire Hollier
O	6.420 kg	John Powell
A	11.600 kg	Sam Dawson

**LARGE-TAILED TREVALLY**

BSC	9/12/02	Wreck Reef, Coral Sea
-	-	-
UAC	8/12/01	Frederick Reef, Coral Sea
Qld	8/12/01	Frederick Reef, Qld

**GOLD-SPOTTED TREVALLY**

BSC	20/4/02	4 Mile Reef, off Bundaberg Coast
TSC	11/1/03	Oyster Reef, off Townsville
NSW	16/9/96	Marion Reef, Coral Sea
NSW	16/9/96	Marion Reef, Qld

**BLUDGER TREVALLY**

BSC	9/8/03	wreck off Baffle Creek, Bundaberg Coast
TGCFD	12.8.17	Lady Musgrave Island, Bunker Group
BSC	18/1/10	Double Rock, Bundaberg Coast
Qld	18/1/10	Double Rock, Qld

**COACHWHIP TREVALLY**

-	-	-
-	-	-
UAC	25/12/06	North West Island, Capricorn Group
QLD	25/12/06	North West Island, Qld

**THICK-LIP TREVALLY, FOUR-SPOT TREVALLY**

BSC	5/1/02	North west Island, Capricorn Group
-	-	-
BSC	31/1/15	unknown wreck in Hervey Bay
Qld	31/1/15	unknown wreck in Hervey Bay

**BAR-CHEEK TREVALLY**

-	-	-
-	-	-
CUA	2/3/86	Miln Reef
Qld	2/3/86	Miln Reef, Qld

**GIANT TREVALLY, LOWLY TREVALLY**

TGCFD	20/9/16	Bustard Head, 1770 Coast
MDUSC	21/10/76	Robertson Reef
TSC	17/9/96	Marion Reef, Coral Sea
NSW	20/2/04	Fido Reef, NSW

**BLACK TREVALLY**

BSC	2/12/02	Wreck Reef, Coral Sea
-	-	-
TSC	11/12/05	Wreck Reef, Coral Sea
NSW	1/12/13	Elizabeth Reef, NSW

**BLUE-FIN TREVALLY**

BSC	6/1/06	Wreck Reef, Coral Sea
TGCFD	29/8/17	Tweed River, Tweed Coast
NSW	28/11/88	Batt Reef
NSW	3/11/14	Rowley Shoals, WA

**PAPUAN TREVALLY, BRASSY TREVALLY**

-	-	-
TGCFD	21/3/15	Tweed River, Tweed Coast
UAC	2/11/02	Moore Reef, off Cairns
WA	30/5/10	Dongara, WA

**BIG-EYE TREVALLY**

UAC	2/12/08	Marion Reef, Coral Sea
UAC	2/12/08	Marion Reef, Coral Sea
BSC	11/9/01	Sandy Cape Shoals, off Fraser Island
Qld	11/9/01	Sandy Cape Shoals, Qld

**MACKEREL SCAD**

-	-	-
-	-	-
THRAC	16/2/97	Flat Rock, S.E. Qld
Qld	16/2/97	Flat Rock, Qld

**RAINBOW RUNNER**

BSC	26/12/98	Broomfield Reef, Capricorn Group
BSC	8/7/11	off Baffle Creek, Bundaberg Coast
BSC	21/4/73	Fitzroy Reef, Bunker Group
WA	22/2/20	Carnarvon, WA

## QUEENFISH & LEATHERSKIN - SCOMBEROIDES

Four easily recognized widespread species, all found in Qld (*S. tala* north Qld), but only two are in our records.

- 1a A double row of spots, upper jaw reaches or extends slightly beyond posterior margin of eye ..... *S. lysan*
- 1b A single row of spots ..... 2
- 2a Spots are quite vertically elongate, most noticeable in midbody, upper jaw extends a little past posterior margin of eye ..... *S. tala*
- 2b Spots round or only slightly vertically elongate ..... 3
- 3a Spots below first dorsal fin all touching or intersecting lateral line, upper jaw only reaches midline of eye..... *S. tol*
- 3b Only first two spots below first dorsal fin touching lateral line, upper jaw extends well past posterior margin of eye ..... *S. commersonianus*

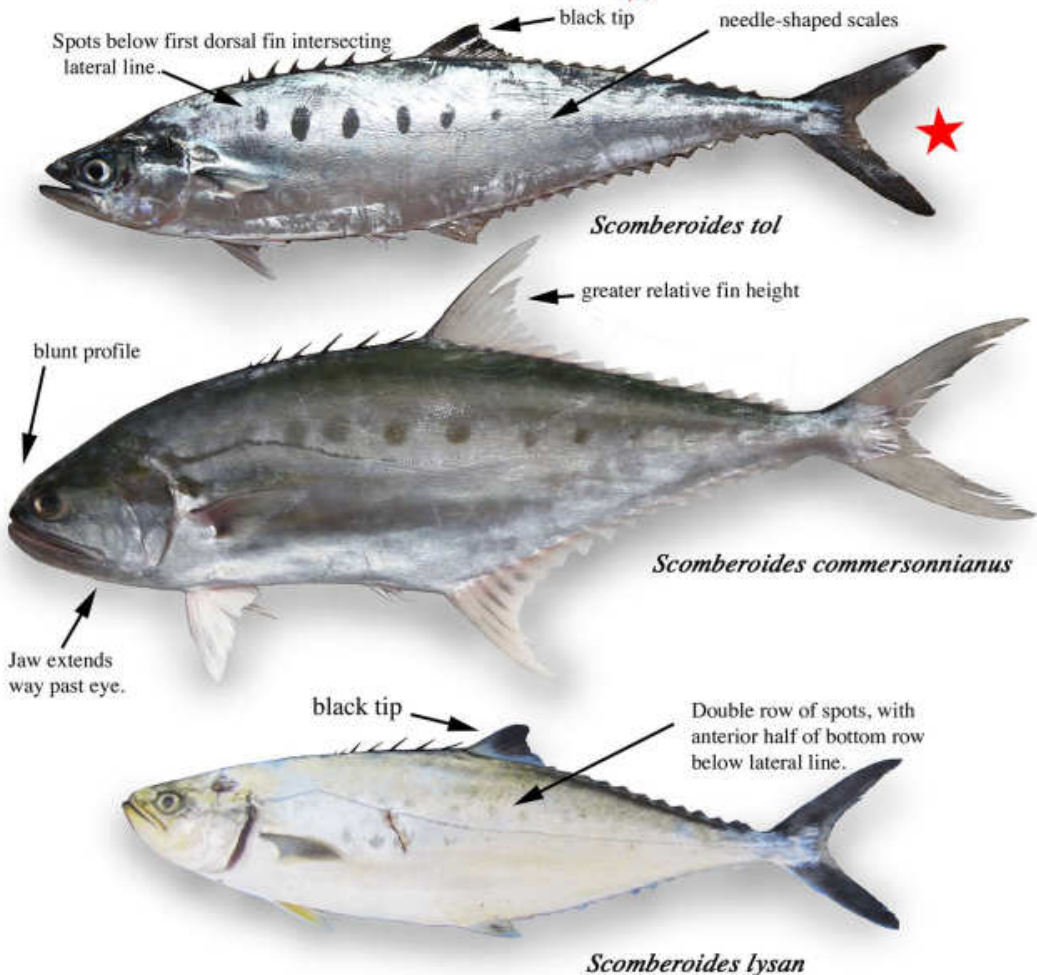
### COMMON NAMES

*S. commersonianus* ..... Queenfish, Large-mouth Leatherskin

*S. lysan* ..... Double-spotted Leatherskin, Black-tipped leatherskin

*S. tala* ..... Barred Leatherskin ★

*S. tol* ..... Needle-scale Leatherskin ★



**Gnathanodon speciosus (Forskall)**

J	16.000 kg	Daniel Russell
W	10.755 kg	Jennifer Budworth
O	18.140 kg	Andrew Sprenger
A	18.140 kg	Andrew Sprenger

**Megalaspis cordyla (Linnaeus)**

J	-	-
W	-	-
O	1.700 kg	Luke Randell
A	1.700 kg	Luke Randell

**Pseudocaranx sp. "dentex"**

J	1.450 kg	Michael N. Saunders
W	1.045 kg	Jennifer Budworth
O	6.540 kg	David McAllister
A	6.540 kg	David McAllister

**Scomberoides commersonianus Lacepede**

J	8.310 kg	Ralph Whalley
W	8.865 kg	Claire Hollier
O	15.300 kg	Adam Gatkowski
A	15.300 kg	Adam Gatkowski

**Scomberoides lysan (Forskall)**

J	-	-
W	-	-
O	2.190 kg	Duncan Limpus
A	2.500 kg	Robert Loudon

**Seriola dumerili (Risso)**

J	28.500 kg	Ryan Springall
W	0.650 kg	Jayne-Lee Neilsen
O	39.800 kg	Brendan Chan
A	39.800 kg	Brendan Chan

**Seriola hippos Gunther**

J	-	-
W	-	-
O	26.309 kg	Edward McCord
A	45.357 kg	Cameron Teede

**Seriola lalandi (Cuv. & Val.)**

J	25.500 kg	Jonathon Fay
W	13.610 kg	Margaret Grunske
O	27.500 kg	Greg Smith
A	43.000 kg	S. Brabant

**Seriola rivoliana Val.**

J	3.900 kg	Michael N. Saunders
W	-	-
O	21.100 kg	Tim McDonald
A	21.100 kg	Tim McDonald

**Trachinotus anak Ogilby**

J	7.400 kg	Adon Jorgensen
W	9.850 kg	Kerrie Licastro
O	14.800 kg	Michael Greinke
A	14.800 kg	Michael Greinke

**Trachinotus bailloni (Lacepede)**

J	-	-
W	-	-
O	0.652 kg	Paul Simpson
A	1.700 kg	Andrew Turvey

**Trachinotus blochii (Lacepede)**

J	4.880 kg	Jarrold McKenzie
W	1.750 kg	Kerrie Licastro
O	6.500 kg	Adam Smith
A	12.550 kg	Barry Paxman

**Trachinotus coppingeri (Gunther)**

J	0.650 kg	Michael N. Saunders
W	-	-
O	0.980 kg	Glen Hurst
A	0.980 kg	Glen Hurst

**GOLDEN TREVALLY**

TGCFD	3/12/12	Douglas Shoals, off Gladstone
TGCFD	13/1/18	4 Mile Reef, Bundaberg Coast
UAC	26/5/06	Double Island Point
Qld	26/5/06	Double Island Point, Qld

**FINNY SCAD, TORPEDO SCAD**

-	-	-
-	-	-
TGCFD	12/12/10	Charity Reef
Qld	12/12/10	Charity Reef

**QUEENSLAND SILVER TREVALLY, WHITE TREVALLY**

BSC	7/1/02	Broomfield Reef, Capricorn group
TGCFD	14/11/17	Point Lookout, Nth Stradbroke Island
BSC	18/1/10	Sandy Cape, Fraser Island
Qld	18/1/10	Sandy Cape, Qld

**QUEENFISH, LARGE-MOUTH LEATHERSKIN**

BSC	2/2/65	Round Hill Head, 1770 Coast
BSC	15/6/14	off Baffle Creek, Bundaberg Coast
MDUSC	24/9/11	North Head, Bowen
QLD	24/9/11	North Head, Qld

**BLACK-TIPPED LEATHERSKIN**

-	-	-
-	-	-
BSC	14/7/12	Fitzroy Reef, Bunker Group
NSW	4/9/85	Swains Reefs

**YELLOW-BANDED AMBERJACK, AMBERJACK**

TGCFD	4/8/00	Inner Gneerings, Sunshine Coast
UAC	28/3/08	Palm Beach Reef, Gold Coast
SCS	20/9/12	Hamilton Patches, Sunshine Coast
Qld	20/9/12	Hamilton Patches, Qld

**SAMSON FISH**

-	-	-
-	-	-
SCS	29/6/68	Noosa Heads, Sunshine Coast
WA	4/11/62	Cowaranup Bay, WA

**YELLOWTAIL KINGFISH**

TGCFD	15/11/97	Cook Island, Tweed Coast
BSC	-	Hoffmans Rocks, Bundaberg Coast
TGCFD	29/9/98	Fido Reef, off Tweed Coast
NSW	8/12/85	Little Seal Rock, NSW

**HIGH-FIN AMBERJACK**

UAC	2/1/2000	Wreck Reef, Coral Sea
-	-	-
TGCFD	18/1/13	Barwon Banks, Sunshine Coast
Qld	18/1/13	Barwon Banks, Qld

**OYSTER-CRACKER**

MDUSC	12/9/09	Aspatria Island, off Mackay
UAC	11/1/94	North West Island, Capricorn Group
UAC	16/10/99	Cape Moreton, S.E. Qld
Qld	16/10/99	Cape Moreton, Qld

**SMALL-SPOTTED DART**

-	-	-
-	-	-
UAC	17/5/70	Flinders Reef, S.E. Qld
NSW	16/3/86	North Solitary Island, NSW

**SNUB-NOSE DART**

NSW	18/11/15	Trunk Reef, off Hinchinbrook
UAC	8/1/94	North West Island, Capricorn Group
TSC	10/7/05	Fork Reef, off Townsville
WA	28/6/12	Coral Bay, WA

**BIG-SPOTTED DART, SWALLOW-TAIL DART**

BSC	27/12/00	North West Island, Capricorn Group
-	-	-
THRAC	13/11/94	Flinders Reef, S.E. Qld
Qld	13/11/94	Flinders Reef, Qld

# DART - Trachinotus

**T. blochii**  
SNUB-NOSED DART



Leading edge of anal dark or black, not yellow.

**T. bailloni**  
SMALL-SPOTTED DART

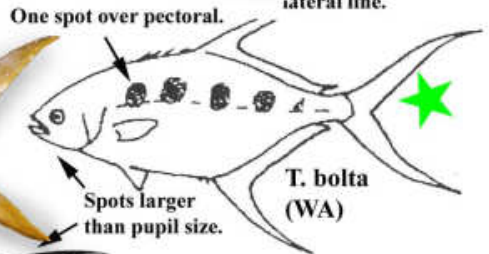


Small spots, less in size than pupil, centered on lateral line.



**T. anak**  
OYSTER-CRACKER

Leading edge of anal yellow or dusky orange.

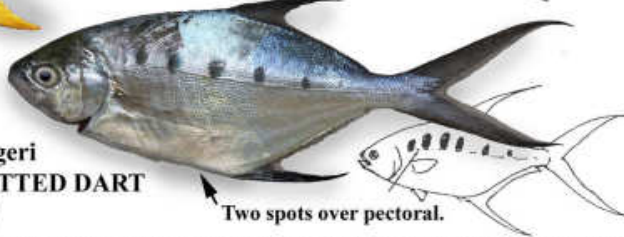


One spot over pectoral.

Spots larger than pupil size.

**T. bolta**  
(WA)

**T. coppingeri**  
BIG-SPOTTED DART  
(Qld)



Two spots over pectoral.

\* NOTES (on T. anak and T. blochii): Both species have a more circular shape when small, and become more elongate with size. They also have proportionally longer dorsal and anal fins when young. At the same length T. blochii has longer fins. T. anak grows much larger to at least 15 kg, and T. blochii on the east coast to about 7 or 8 kg. Strangely, though a more impressive species, T. anak is overlooked by many reference texts.



A small Snub-Nosed Dart.

## QUEENSLAND FLATHEAD (*Cymbacephalus*)

**FRINGE-EYED FLATHEAD**  
*Cymbacephalus nematophthalmus*



Both dorsal fins and tail with fine, distinct black streaks perpendicular to fin spines and rays.

Thread like skin flaps off corner of gill cover.

**BLACK (REEF) FLATHEAD**  
*Cymbacephalus papillaris*



Rounded skin flap off corner of gill cover.



**SMALL-HEADED (or SMALL-EYED) REEF FLATHEAD**  
*Cymbacephalus bosschei*



Head proportions.

Fins and tail covered with bands of small white spots.

(*Platycephalus*)

**BAR-TAILED (SAND) FLATHEAD**

*Platycephalus endrachtensis*



Small blue-white spots on body and head.



**BLUE-SPOTTED FLATHEAD**

*Platycephalus caeruleopunctatus*



**DUSKY FLATHEAD**

*Platycephalus fuscus*

Blue on tail.



**AUSTRALIAN FLAGTAIL FLATHEAD**

*Platycephalus australis*

Yellow section on lower-middle of tail.



**YELLOW-TOP FLAGTAIL FLATHEAD**

*Platycephalus westraliae*

Obvious bright yellow area on top of tail distinctive.

This old fish may have bottom of tail abraded.

Coral sand camo colours.



**MARbled FLATHEAD**

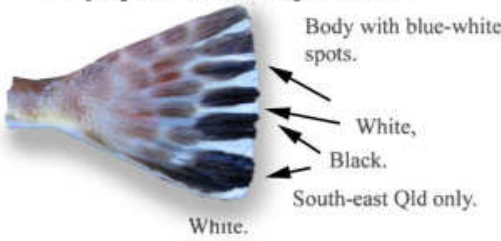
*Platycephalus marmoratus*



Clear, bright white margin to tail.

# QUEENSLAND FLATHEAD

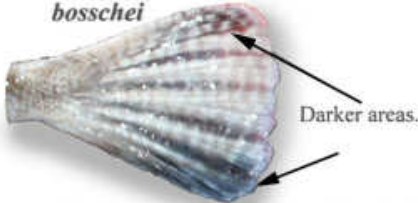
**BLUE SPOTTED FLATHEAD**  
*Platycephalus caeruleopunctatus*



**BAR-TAILED (SAND) FLATHEAD**  
*Platycephalus endrachtensis*



**SMALL-HEADED (EYED) REEF FLATHEAD**  
*Cymbacephalus bosschei*

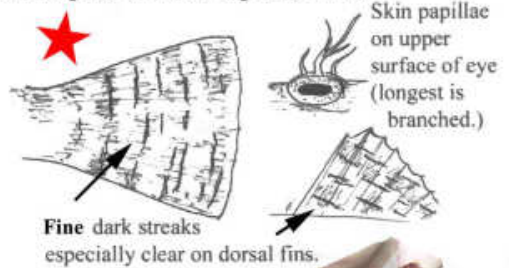


Brown spots join together to form light and dark bands. Dorsal fin rays show bands. Lower lip with about 4 dark bands.

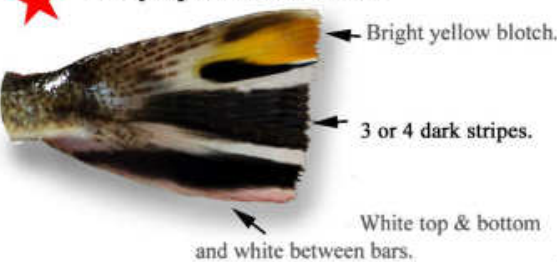
**DUSKY FLATHEAD**  
*Platycephalus fuscus*



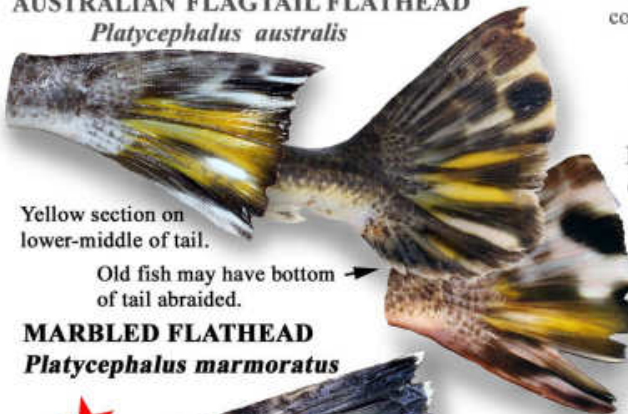
**FRINGE-EYED FLATHEAD**  
*Cymbacephalus nematophthalmus*



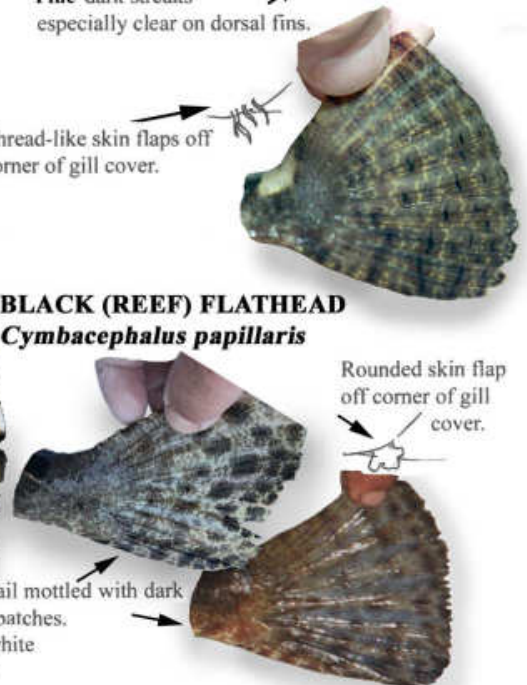
**YELLOW-TOP FLAGTAIL FLATHEAD**  
*Platycephalus westraliae*



**AUSTRALIAN FLAGTAIL FLATHEAD**  
*Platycephalus australis*



**BLACK (REEF) FLATHEAD**  
*Cymbacephalus papillaris*



**MARBLED FLATHEAD**  
*Platycephalus marmoratus*



***Ulua mentalis* Ehrenberg**

J	6.610 kg	Lyle Turner
W	-	-
O	7.000 kg	Mark Cooper
A	7.000 kg	Mark Cooper

***Uraspis secunda* (Poey)**

J	-	-
W	-	-
O	0.600 kg	Keiren Limpus
A	1.880 kg	Glen Howlett

**DOLPHIN FISH*****Coryphaena hippurus* (Linnaeus)**

J	-	-
W	11.455 kg	Jennifer Budworth
O	12.805 kg	Tim McDonald
A	23.200 kg	Bryce Etheredge

**FLOUNDER*****Bothus mancus* (Broussonet)**

J	-	-
W	-	-
O	2.478 kg	Lee Jamnicky
A	2.478 kg	Lee Jamnicky

**FLATHEAD *PLATYCEPHALIDAE******Cymbacephalus bosschei* (Bleeker)**

J	-	-
W	-	-
O	0.600 kg	Peter Croft
A	1.282 kg	Rick Trippe

***Cymbacephalus nematophthalmus* (Günther)**

(All listings so far were mis-identified Black Flathead... see below and also page 10B &amp; 10C.)

***Cymbacephalus papillaris* (McCulloch)**

J	2.020 kg	Lyle Turner
W	1.730 kg	Sophie Matar
O	3.700 kg	Michael N. Saunders
A	3.700 kg	Michael N. Saunders

***Platycephalus australis***

J	-	-
W	-	-
O	1.330 kg	Michael McDade
A	1.330 kg	Michael McDade

***Platycephalus caeruleopunctatus* McCulloch**

J	-	-
W	-	-
O	0.800 kg	Andrew Sprenger
A	0.800 kg	Andrew Sprenger

***Platycephalus fuscus* Cuvier**

J	5.600 kg	Michael N. Saunders
W	6.770 kg	Naomi Spicer
O	7.400 kg	Wayne Anderson
A	10.433 kg	J. Steep

***Platycephalus* sp. "indicus"**

This historic claim was not a Dusky Flathead, but other than that it will never be able to be identified as to which species of Flagtail Flathead it actually was. This case is a prime example of the importance of good identification photos. The genus has undergone a lot of changes in recent revisions, and *Platycephalus indicus* (Linnaeus), which was the original identification, is not an Australian species. It has been replaced in Australia by two species; *P. westraliae* and *P. australis*.

O	3.062 kg	K. Burroughs
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**FLUTEMOUTH*****Fistularia commersonii* Lacepede**

J	1.200 kg	Michael N. Saunders
W	-	-
O	2.722 kg	Glen Hartwig
A	2.722 kg	Glen Hartwig

**CALE CALE TREVALLY**

TSC	7/8/97	Magnetic Island
-	-	-
TSC	1/2/98	West Point, Magnetic Island
Qld	1/2/98	Magnetic Island, Qld

**WHITE-TONGUED TREVALLY**

-	-	-
-	-	-
TGCFD	25/4/19	Tweed Fad, Tweed Coast
NSW	19/3/96	North Solitary Island, NSW

***CORYPHAENIDAE*****DOLPHIN FISH, MAHI MAHI**

-	-	-
TGCFD	17/11/17	Tweed Fad, Tweed Coast
UAC	18/4/09	Wave Rider Buoy, Nth Stradbroke Island
NSW	5/12/18	South West Rocks, NSW

***BOTHIDAE*****PEACOCK FLOUNDER**

-	-	-
-	-	-
TGCFD	11/12/09	Sykes Reef, Capricorn Group
QLD	11/12/09	Sykes Reef, Qld

**SMALL-EYED FLATHEAD, SMALL-HEADED FLATHEAD**

-	-	-
-	-	-
UAC	5/1/90	North West Island, Capricorn group
NSW	19/4/09	Lee Point, Darwin, NT

**FRINGE-EYED FLATHEAD**

(All listings so far were mis-identified Black Flathead... see below and also page 10B &amp; 10C.)

**BLACK FLATHEAD, REEF FLATHEAD**

TSC	30/9/97	Magnetic Island
CUA	31/10/20	Double Island, Cairns
UAC	24/11/18	Jewell Reef
Qld	24/11/18	Jewell Reef, Qld

**AUSTRALIAN FLAGTAIL FLATHEAD, AUST. BAR-TAIL FLATHEAD**

-	-	-
-	-	-
UAC	28/5/20	Pelican Park wall, Clontarf, S.E. Qld
Qld	28/5/20	Pelican Park Wall, Clontarf, Qld

**EASTERN BLUE-SPOTTED FLATHEAD**

-	-	-
-	-	-
UAC	/09	coffee rock off Nth Stradbroke Island
Qld	/09	coffee rock off Nth Stradbroke Island

**DUSKY FLATHEAD**

BSC	13/4/01	Elliott River, Bundaberg Coast
NSW	9/1/00	Tweed River, Tweed Coast
TGCFD	17/10/12	Tweed River, Tweed Coast
NSW	/62	Port Macquarie, NSW

**UNIDENTIFIED FLAGTAIL FLATHEAD**

MS	23/3/69	Hervey Bay
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**FLUTEMOUTH *FISTULARIDAE*****SMOOTH FLUTEMOUTH**

BSC	30/12/99	Broomfield Reef, Capricorn Group
-	-	-
BBC	11/2/68	Fairfax Island, Bunker Group
Qld	11/2/68	Fairfax Island, Qld

# Freshwater Eel

AUST. LONG-FINNED EEL

*Anguilla reinhardtii*

Freshwater and estuaries, migrating to sea to breed. Three species in Qld, start of dorsal and anal fins are identification points.



## Qld Goatfish

*M. pfluegeri* in small schools, swims well above bottom (benthopelagic.) Outer Coral Sea reefs.

Goatfish can be identified from a good colour photo. The body shape is also important. *P. cyclostomus* has three colour forms, including a purple form and a bright yellow form.

**YELLOW-SPOT GOATFISH**  
*Parupeneus barberinus*



**ORANGE GOATFISH**

*Mulloidichthys pfluegeri*

red eye

bright yellow fins

**GOLD-STRIPED GOATFISH**

*Mulloidichthys vanicolensis*

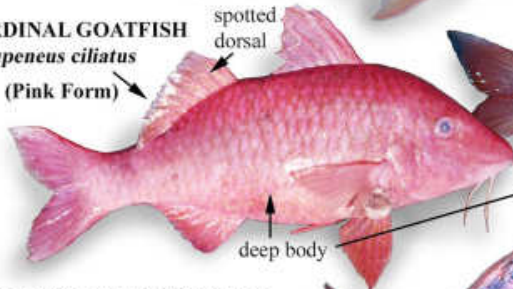


spotted dorsal

(Usual Form)

**CARDINAL GOATFISH**  
*Parupeneus ciliatus*

(Pink Form)



spotted dorsal

deep body



**CARDINAL GOATFISH**  
*P. ciliatus*

**GOLD-SADDLED GOATFISH**  
*Parupeneus cyclostomus*



gold saddle



**BLACK-SPOT GOATFISH**  
*Parupeneus spilurus*

**DOUBLE-BAR GOATFISH**  
*Parupeneus crassilabris*



deep body

**MANY-BARRED GOATFISH**  
*Parupeneus multifasciatus*



smaller species

**DOUBLE-BAR GOATFISH**  
*Parupeneus crassilabris*



**DASH AND DOT GOATFISH**  
*Parupeneus barberinus*





**FRESHWATER EEL ANGUILLIDAE***Anguilla reinhardtii* Steindachner

J	-	-
W	-	-
O	0.550 kg	Michael McDade
A	0.550 kg	Michael McDade

**GOATFISH MULLIDAE***Mulloidichthys pfluegeri* (Steindachner)

J	-	-
W	-	-
O	1.650 kg	Michael McDade
A	1.650 kg	Michael McDade

*Mulloidichthys vanicolensis* (Cuv. & Val.)

J	-	-
W	-	-
O	0.750 kg	Michael Greinke
A	0.700 kg	J. Leslie

*Parupeneus barberinus* (Lacepede)

J	0.750 kg	Daniel Russell
W	1.276 kg	Pam Prescott
O	4.800 kg	Greg hunt
A	4.800 kg	Greg Hunt

*Parupeneus ciliatus* (Lacepede)

J	-	-
W	-	-
O	1.400 kg	Michael McDade
A	1.400 kg	Michael McDade

*Parupeneus crassilabris* (Valenciennes)

J	-	-
W	-	-
O	0.650 kg	Ray Harrison
A	1.181 kg	Kelvin Rushworth

*Parupeneus cyclostomus* (Lacepede)

J	-	-
W	1.000 kg	Kerrie Licastro
O	1.720 kg	Tim Neilsen
A	2.050 kg	G. Harris

*Parupeneus indicus* (Shaw)

J	-	-
W	-	-
O	2.835 kg	Glen Hartwig
tie	2.885 kg	Ken Small
A	2.835 kg	Glen Hartwig
tie	2.885 kg	Ken Small

*Parupeneus spilurus* (Bleeker)

J	-	-
W	0.545 kg	Jennifer Budworth
O	1.300 kg	Alan Betts
A	2.075 kg	David Smith

**GIANT HERRING***Elops hawaiiensis* Regan

J	-	-
W	-	-
O	7.900 kg	Shelby Gavin
A	7.900 kg	Shelby Gavin

**HAIRTAIL***Trichiurus lepturus* Linnaeus

J	-	-
W	-	-
O	1.430 kg	Craig Whalley
A	1.430 kg	Craig Whalley

**LONG-FINNED EEL**

-	-	-
-	-	-
UAC	8/9/90	Tweed River, Tweed Coast
Qld	8/9/90	Tweed River, Tweed Coast

**ORANGE GOATFISH**

-	-	-
-	-	-
UAC	30/6/97	Frederick Reef, Coral Sea
Qld	30/6/97	Frederick Reef, Qld

**GOLD-STRIPED GOATFISH, YELLOW-FIN GOATFISH**

-	-	-
-	-	-
CSC	4/8/84	Sykes Reef, Capricorn Group
NSW	5/1/81	Woolgoolga, NSW

**DASH AND DOT GOATFISH**

MDUSC	15/12/17	North West Island, Capricorn Group
THUC	22/11/74	Fitzroy Reef, Bunker Group
MBBC	2/10/92	Kenn Reef, Coral Sea
Qld	2/10/92	Kenn Reef, Qld

**CARDINAL GOATFISH**

-	-	-
-	-	-
UAC	21/9/93	Boult Reef, Capricorn/Bunker Group
QLD	21/9/93	Boult Reef, Qld

**DOUBLE-BAR GOATFISH**

-	-	-
-	-	-
CUA	21/9/75	Sudbury Reef
WA	13/1/17	Shark Bay, WA

**GOLD-SADDLED GOATFISH**

-	-	-
-	-	-
UAC	6/1/95	Grubb Reef, off Townsville
UAC	24/1/98	Hutchisons Shoal, S.E. Qld
NSW	3/8/87	Kenn Reef, Coral Sea

**YELLOW-SPOT GOATFISH**

-	-	-
-	-	-
MS	21/11/65	Lady Musgrave Island, Bunker Island
BSC	23/1/72	Lady Musgrave Island, Bunker Group
Qld	21/11/65	Lady Musgrave Island, Qld
Qld	23/1/72	Lady Musgrave Island, Qld

**BLACK-SPOT GOATFISH**

-	-	-
-	-	-
TGCFD	30/7/17	Cape Moreton, S.E. Qld
THRAC	21/2/93	Sandy Cape Shoal, Fraser Island
NSW	28/8/04	Magic Pt, Maroubra, NSW

**ELOPIDAE****GIANT HERRING**

-	-	-
-	-	-
MDUSC	12/8/20	Flat Top Island, off Mackay
Qld	12/8/20	Flat Top Island, Qld

**TRACHIURIDAE****HAIRTAIL**

-	-	-
-	-	-
BSC	5/5/06	Kolan River, Bundaberg Coast
Qld	5/5/06	Kolan River, Qld

# JEWFISH, MULLOWAY

There are quite a number of species which are difficult to identify from photos. If claiming the smaller species keep the fish until the record is passed.

**TERAGLIN** *Atractoscion atelodus*... tail shape curved inwards (all the rest curve outwards.)

**SILVER TERAGLIN** *Otolithes ruber*... 2 large fangs in upper and lower jaws. ★

**MULLOWAY** *Argyrosomus japonicus*... pearly spots along side, conspicuous black spot at base of pectoral, dorsal rays 27-28, temperate.

**BLACK/SPOTTED JEW** *Protonibea diacanthus*... black spots on back, dorsal & tail, dorsal rays 22-25, central and north Qld.

**RIVER PERCH** *Johnius vogleri*... thick bodied, inside mouth bright yellow-orange, to 35 cm, dorsal rays 29-31. ★

**SILVER JEWFISH** *Nibea soldado*... dorsal rays 28-31, heavy bodied shape, to 80 cm, Nth Qld. ...and there are other species. ★

# LEATHERJACKETS

Leatherjackets are a large family of fishes which are mainly sub-tropical. In Queensland we get only a few species large enough to make the records, and these can easily be identified from a good photo.

## SPOTTED LEATHERJACKET

In this edition our *Pseudomonacanthus macrurus* (with smaller spots) has been included as one species under *P. peroni*. *P. macrurus* is a valid species, just not in Australia, however, if you spear one of any size please keep it so it can be investigated further.

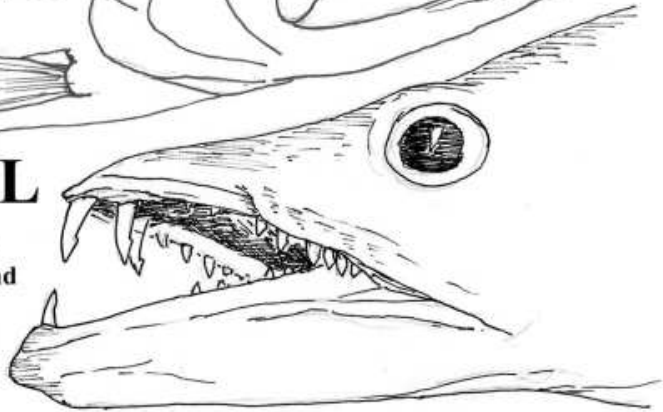


# GIANT HERRING



# HAIRTAIL

Hairtail enter estuaries at times. Their large fangs have a barb and sometimes the socket the upper teeth fit into goes right through the lower jaw.



# GRINNERS, LIZARDFISH

Only the **Large Scale Grinner** reaches a size large enough for a record. A related species, the **Sergeant Baker**, also occurs in the southern part of the state, and it is surprising it is not on our records. ★

**JEWFISH SCIAENIDAE*****Argyrosomus japonicus* (Temminck & Sch.)**

J	12.500 kg	Daniel Franks
W	16.332 kg	Pam Prescott
O	34.800 kg	Andrew Sprenger
A	39.235 kg	Graham Kelly

***Atractoscion atelodus* Gunther**

J	-	-
W	-	-
O	3.800 kg	Bryson Sheehy
A	3.800 kg	Bryson Sheehy

***Protonibea diacanthus* (Lacepede)**

J	23.900 kg	Ryan Springall
W	-	-
O	45.000 kg	Robbie Shailer
A	45.000 kg	Robbie Shailer

**LEATHERJACKETS*****Aluterus monoceros* (Linnaeus)**

J	1.000 kg	Michael N. Saunders
W	-	-
O	2.800 kg	Adam Smith
A	3.200 kg	D.Boulden

***Aluterus scriptus* (Forster)**

J	2.650 kg	Michael N. Saunders
W	-	-
O	4.350 kg	Trent Fitzgibbins
A	4.350 kg	Trent Fitzgibbins

***Cantherhines dumerilii* (Holland)**

J	-	-
W	-	-
O	1.900 kg	Michael McDade
A	1.900 kg	Michael McDade

***Eubalichthys mosaicus* (Ramsay & Ogilby)**

J	-	-
W	-	-
O	1.565 kg	Greg Smith
A	3.400 kg	K. Walker

***Meuschenia trachylepis* (Gunther)**

J	-	-
W	-	-
O	0.700 kg	Alan Betts
A	1.075 kg	S. McArthur

***Pseudomonacanthus peroni* (Hollard)**

(Our record claims for *P. macrurus* (Bleeker) have been reviewed in consultation with the Qld Museum and are now recognized in this edition as being *P. peroni*. Any future claims please keep the fish for further investigation.)

J	-	-
W	-	-
O	0.900 kg	Brett Gamlin
A	0.900 kg	Brett Gamlin

***Scobinichthys granulatus* (Shaw)**

J	-	-
W	-	-
O	0.454kg	R. Ford
A	1.130 kg	J.Hannan

**MULLOWAY, JEWFISH**

TGCFD	2.2.95	Kingscliff Reef, Tweed Coast
THUC	9/7/74	Hastings Point, Tweed Coast
UAC	25/3/10	"Sea Dragon" off South Stradbroke Island, Gold Coast
NSW	3/1/76	Swansea Reef, NSW

**TERAGLIN, TRAG JEW**

-	-	-
-	-	-
TGCFD	8/5/09	Kingscliff Reef, Tweed Coast
Qld	8/5/09	Kingscliff Reef, NSW

**BLACK JEWFISH, SPOTTED JEWFISH**

TGCFD	13/8/00	Hay Point, Mackay Coast
-	-	-
MDUSC	10/9/07	Coast North of Mackay
Qld	10/9/07	Mackay, Qld

**MONOCANTHIDAE****UNICORN LEATHERJACKET**

BSC	7/7/02	Hoffmans Rocks, Bundaberg Coast
-	-	-
TSC	8/10/11	Gneering Shoals, Sunshine Coast
NSW	3/1/71	South Solitary Island, NSW

**SCRIBBLED LEATHERJACKET**

BSC	3/12/02	Wreck Reef, Coral Sea
-	-	-
THRAC	23/6/90	Flat Rock, S.E. Qld
NSW	23/6/90	Flat Rock, Qld

**GREY LEATHERJACKET, YELLOW-EYE LEATHERJACKET**

-	-	-
-	-	-
UAC	4/1/03	North West Island, Capricorn Group
Qld	4/1/03	North West Island, Qld

**DEEP-BODIED LEATHERJACKET**

-	-	-
-	-	-
THRAC	28/7/94	Cook Island, Tweed Coast
NSW	25/12/76	Culberrra, NSW

**YELLOW-FINNED LEATHERJACKET**

-	-	-
-	-	-
THRAC	7/8/94	Palm Beach, Gold Coast
NSW	7/10/79	Gerringong, NSW

**SPOTTED LEATHERJACKET**

-	-	-
-	-	-
BSC	7/6/98	Hoffmans Rocks, Bundaberg Coast
Qld	7/6/98	Hoffmans Rocks, Qld

**ROUGH LEATHERJACKET**

-	-	-
-	-	-
Vic.	/65	Australian titles, Maroochydhore, Sunshine Coast
NSW	26/12/06	Kurnell, NSW

**LIZARDFISH, GRINNERS SYNODONTIDAE*****Saurida undosquamis* (Richardson)**

J	-	-
W	-	-
O	0.950 kg	Michael McDade
A	0.950 kg	Michael McDade

**LARGE-SCALE GRINNER**

-	-	-
-	-	-
UAC	21/4/02	Western Rocks, off Moreton Is., S.E. Qld
QLD	21/4/02	Western Rocks, Qld

# LONGTOM

CROCODILE LONGTOM

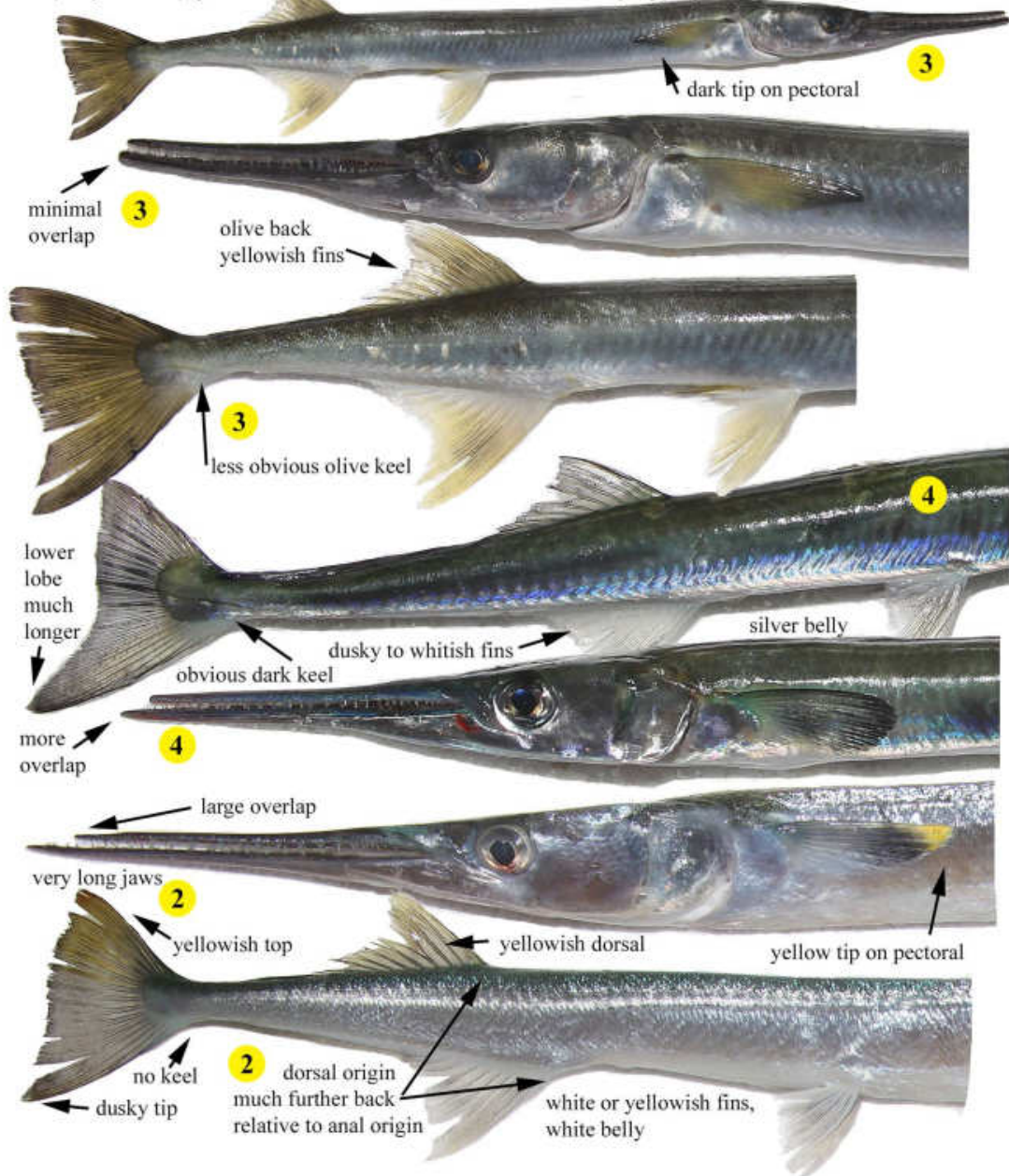
A number get large enough to make the records:

**1. BARRED LONGTOM *Albennes hians*...** thin body (compressed laterally) with spots/bars along the lateral line (spots more prominent on rear third of body.) Fins greatly flaccate, and posterior part of dorsal fin with a prominent dark lobe.

**2. YELLOW-TIP (YELLOW-FIN) LONGTOM *Strongylura leiura*...** moderately stout body, no keel on tail. Back colour fluro green. Pectoral dark with a distinct yellow tip. Pelvic whitish, dorsal and caudal yellowish with bottom lobe of caudal dusky. Top jaw quite a bit shorter than lower.

**3. STOUT LONGTOM *Tylosurus gavioloides*...** stout body, no dark keel on tail, bottom lobe of tail only a little longer than the top lobe. Back colour olive. Fins yellowish, pectorals with dark outer third. Jaws heavy, upper jaw only marginally shorter. An inshore species.

**4. CROCODILE LONGTOM *Tylosurus crocodilus*...** stout body, distinct dark keel on caudal peduncle (tail base), bottom lobe of tail much longer than upper lobe. Back colour green/blue. Fins grey to white (not yellowish), pectoral with dark outer third. Jaws heavy, upper jaw is a bit shorter than lower.



LONGTOM *BELONIDAE**Ablennes hians* (Val.)

J	-	-
W	-	-
O	1.500 kg	Craig Whalley
A	2.070 kg	Brian Stagg

*Tylosurus crocodilus* (Peron & Lesueur)

J	-	-
W	-	-
O	4.400 kg	Andrew Clough
A	4.520 kg	Clint Strickland

*Tylosurus gavioloides* (Castelnau)

J	-	-
W	-	-
O	2.495 kg	Robert Stehbens
A	2.495 kg	Robert Stehbens

## BARRED LONGTOM

J	-	-
W	-	-
O	14/6/98	8 Mile Wreck, Burnett Heads, Bundaberg Coast
A	9/5/64	Mauds Landing, WA

## CROCODILE LONGTOM

J	-	-
W	-	-
O	7/9/99	Round Top Island, off Mackay
A	20/11/10	Bernier Island, WA

## STOUT LONGTOM

J	-	-
W	-	-
O	23/7/66	Lady Musgrave Island, Bunker Group
A	23/7/66	Lady Musgrave Island, Qld

MACKEREL & TUNA *SCOMBRIDAE**Acanthocybium solandri* (Cuvier)

J	26.800 kg	Thomas Bateman
W	26.900 kg	Erin McGinty
O	52.180 kg	Richard Baronet
A	52.180 kg	Richard Baronet

*Axius thazard* (Lacepede)

J	-	-
W	-	-
O	1.100 kg	Michael McDade
A	1.615 kg	Ray Schmidt

*Cybiosarda elegans* (Whitley)

J	0.600 kg	Michael N. Saunders
W	-	-
O	1.150 kg	Alan Betts
A	1.250 kg	Greg Pickering

*Euthynnus affinis* (Cantor)

J	5.200 kg	Daniel Russell
W	-	-
O	7.200 kg	Tim Neilsen
A	7.225 kg	Andrew Turvey

*Grammatocybium bicarinatus* (Quoy & Gaimard)

J	11.000 kg	James Springall
W	-	-
O	13.900 kg	Tim McDonald
A	13.900 kg	Tim McDonald

*Grammatocybium bilineatus* (Ruppell)

The relative eye size is an important point separating the two shark mackerel although there is an overlap. On reviewing the two record claims (both shown opposite page) the relative eye size of the larger fish actually falls in this overlap. This specimen also has spots on the belly, which is a pointer to *G. bicarinatus*. Thus the larger fish has been moved to this listing, where it is smaller than the current record. This leaves Adam Smith's claim as the current record. (Relative eye size as a percent of fork length: *G. bicarinatus* 3.1-4.6 % and *G. bilineatus* 4-6 %. The larger fish comes out at 4.4 % ... could be either. Adam's fish at 5.1 % is clearly *G. bilineatus*. Also it has no spots on the belly.

J	-	-
W	-	-
O	1.800 kg	Adam Smith
A	1.800 kg	Adam Smith

*Gymnosarda unicolor* (Ruppell)

J	7.900 kg	Ryan Springall
W	-	-
O	80.000 kg	Andrew Bateman
A	83.000 kg	Ian Puckeridge

*Katsuwonus pelamis* (Linnaeus)

J	-	-
W	-	-
O	4.920 kg	Tim McDonald
A	4.974 kg	Paul Miller

## WAHOO

J	15/3/08	Fido Reef, Tweed Coast
W	12/8/19	Swinbourne Patches
O	30/11/19	Needle Shoal
A	30/11/19	Needle Shoal, Qld

## FRIGATE TUNA, FRIGATE MACKEREL

J	-	-
W	-	-
O	4/1/02	North West Island, Capricorn Group
A	2/3/88	Rabbit Island, NSW

## LEAPING BONITO

J	27/11/02	Burkitts Rocks, Bundaberg coast
W	-	-
O	27/4/96	Palm Beach Reef, Gold Coast
A	2/3/12	Ocean Rock, WA

## MAC TUNA, LITTLE TUNA

J	27/12/17	Slade Island, Mackay Coast
W	-	-
O	25/4/02	Hutchisons Shoal, off Moreton Island, S.E. Qld
A	15/3/92	Woolgoolga, NSW

## SHARK MACKEREL, SCALEY MACKEREL

J	19/6/96	Fairfax Island, Bunker Group
W	-	-
O	4/6/09	Smiths Rock, off Moreton Island, S.E. Qld
A	4/6/09	Smiths Rock, Qld

## LARGE-EYED SHARK MACKEREL, SCAD MACKEREL

J	-	-
W	-	-
O	23/11/09	Holmes Reef Reef, Coral Sea
A	23/11/09	Holmes Reef, Qld

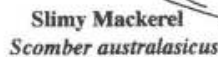
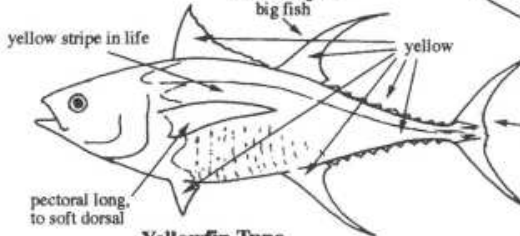
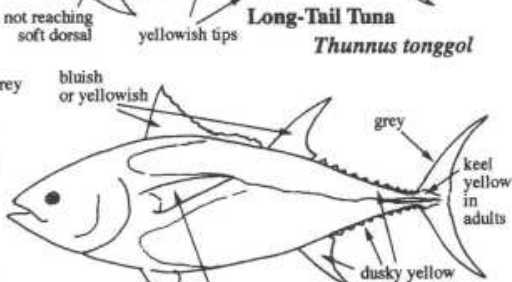
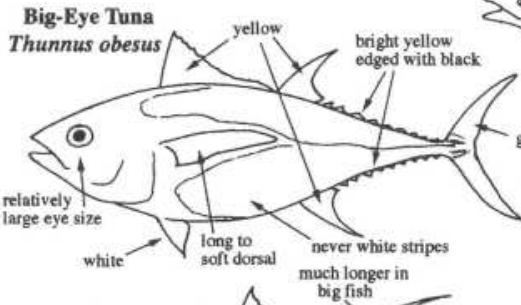
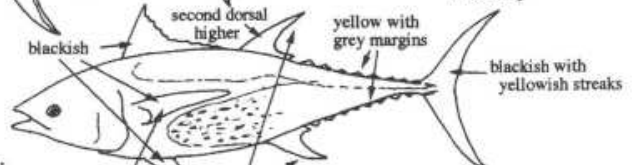
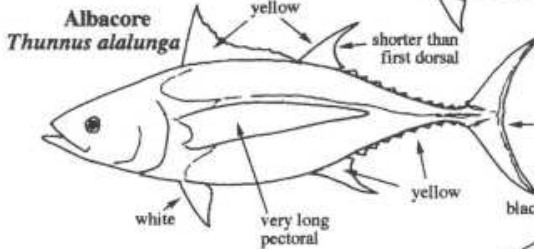
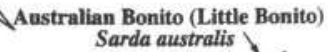
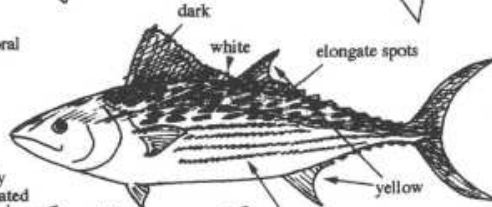
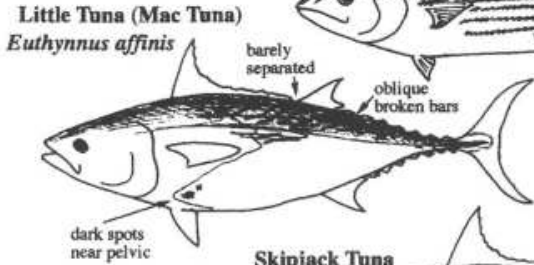
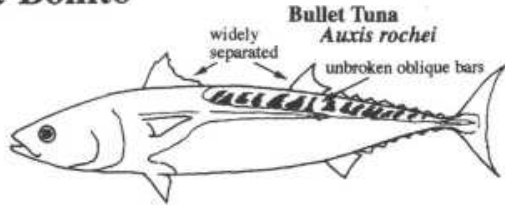
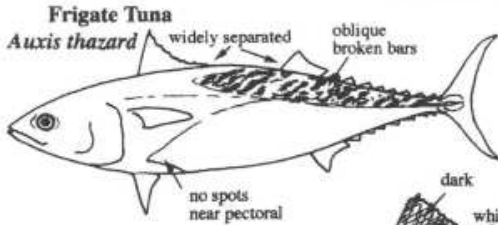
## DOG-TOOTH TUNA

J	12/9/00	-
W	-	-
O	4/12/10	Shark Reef, Coral Sea
A	13/11/97	Wreck Reef, Coral Sea

## SKIPJACK TUNA

J	-	-
W	-	-
O	21/12/07	baitball South of Hendersons Rock, off Moreton Is.
A	18/8/02	Browns Mt, NSW

# Tuna & Bonito



The Morwong are mainly a southern fish family.



**BLUE MORWONG**  
*Nemadactylus douglasii*



**EASTERN MAGPIE MORWONG**  
*Cheilodactylus vestitus*



**RED MORWONG**  
*Cheilodactylus fuscus*



**DUSKY MORWONG**  
*Dactylophora nigricans*

The dusky morwong is the only one ever recorded from Qld (obviously a waif.) It was given to the Qld Museum.

# MACKEREL

Photos of School Mackerel and Spotted Mackerel need to show first dorsal fin.

Large-Eyed Mackerel (Scad Mackerel) keep the fish until record is passed.



eye diameter about equal to snout length

**LARGE-EYED SHARK MACKEREL**

double lateral line

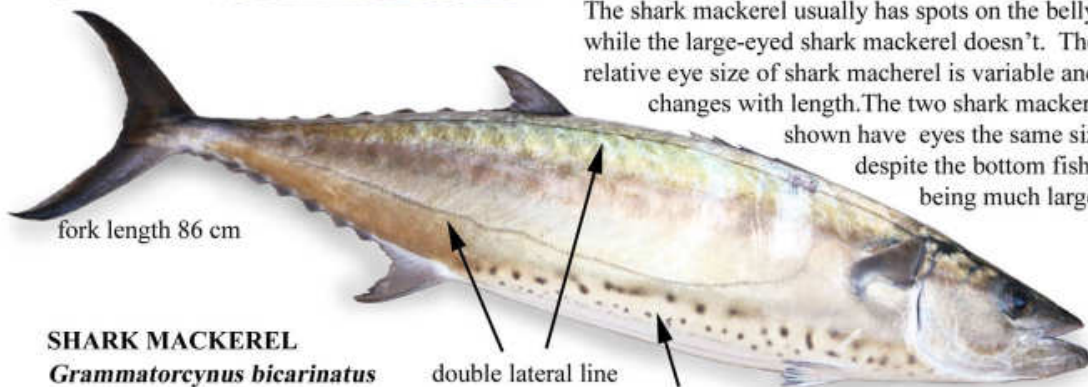
*Grammatorcynus bilineatus*



**SHARK MACKEREL**  
*Grammatorcynus bicarinatus*

fork length 56 cm

The shark mackerel usually has spots on the belly while the large-eyed shark mackerel doesn't. The relative eye size of shark mackerel is variable and changes with length. The two shark mackerel shown have eyes the same size despite the bottom fish being much larger.



fork length 86 cm

**SHARK MACKEREL**  
*Grammatorcynus bicarinatus*

double lateral line

usually spots on belly

# Mullet

Mullet are quite difficult to identify from a photo. Record fish, other than Sea Mullet or Diamond-Scale Mullet, should be kept until the record is accepted.



Diamond scale pattern.  
**DIAMOND-SCALE MULLET**  
*Liza vaigiensis*



**FLAT-TAIL MULLET**  
*Liza argentea*



Dark spot at origin of pectoral.  
**SEA MULLET**  
*Mugil cephalus*

Yellowish pectoral, with a dark blue spot dorsally at origin, usually longer than head length.



Caudal fin bluish.  
Fins much more sickle shape than other species.

**BLUE-TAIL MULLET**  
*Crenimugil buehanani*

The pectoral fin length compared to head length is best diagnostic feature but slightly overlaps;  
*C. scheli*... 84-104% normally shorter than head.  
*C. buehanani*... 90-139% normally longer than head.

There are two species of mullet called blue-tail mullet, *C. buehanani* and *C. scheli*. They are very closely related and are certainly the same genus. The Qld Museum curator suggests all the fish in our records are *buehanani*, and that we use the genus *Crenimugil* until further research is done, hence the scientific name change. The use of the common name continues unchanged as it has been applied to both species.



Pecs yellowish with dark spot.

**FRINGE-LIPPED MULLET**  
*Crenimugil crenilabis*

One or two rows of papillae on lower lip appearing as a fringe. Upper lip very thick.



There are other species of mullet possible.



**Sarda australis (Macleay)**

J	-	-
W	-	-
O	2.100 kg	Tim Neilsen
A	7.820 kg	Shane Threlfall

**Scomber australasicus Cuvier**

J	-	-
W	-	-
O	0.670 kg	Oliver Wady
A	1.475 kg	M. Shannessy

**Scomberomorus commerson (Lacepede)**

J	25.500 kg	Michael N. Saunders
W	37.700 kg	Erin McGinty
O	40.500 kg	Ian Brown
A	46.200 kg	Greg Pickering

**Scomberomorus munroi Collette**

J	-	-
W	2.470 kg	Jennifer Budworth
O	7.860 kg	Alan Betts
A	7.860 kg	Alan Betts

**Scomberomorus queenslandicus (Munro)**

J	2.550 kg	Darcey Davey
W	-	-
O	4.025 kg	Alan Betts
A	4.025 kg	Alan Betts

**Scomberomorus semifasciatus Macleay**

J	8.830 kg	Lyle Turner
W	-	-
O	10.200 kg	Greg Smith
A	12.000 kg	Barry Paxman

**Thunnus albacares (Bonnaterre)**

J	-	-
W	-	-
O	15.000 kg	Adam Smith
A	60.800 kg	Keith See Kee

**Thunnus tonggol (Bleeker)**

J	-	-
W	-	-
O	21.760 kg	Tony Heugh
A	21.760 kg	Tony Heugh

**MARBLEFISH, SEA CARP *APLODACTYLIDAE*****Crinodus lophodon (Günther)**

J	-	-
W	-	-
O	0.765 kg	Duncan Limpus
A	2.100 kg	M. Murphy

**MILKFISH****Chanos chanos (Forsk.)**

J	5.620 kg	Drew Morgan
W	-	-
O	21.620 kg	Tim McDonald
A	21.620 kg	Tim McDonald

**MORWONG****Cheilodactylus fuscus Richardson**

J	-	-
W	1.615 kg	Jennifer Budworth
O	2.238 kg	Duncan Limpus
A	2.880 kg	A. Elias

**Cheilodactylus vestitus (Castelnau)**

J	0.520 kg	Michael N. Saunders
W	-	-
O	0.700 kg	Dean Holloway
A	0.794 kg	W. Gailey

**AUSTRALIAN BONITO**

-	-	-
UAC	2/1/00	Flat Rock, off Stradbroke Island
Vic.	14/4/85	Montague Island, NSW

**SLIMY MACKEREL**

-	-	-
CSC	29/8/96	Kingscliff Reef, Tweed Coast
NSW	22/10/83	Botany Bay, NSW

**NARROW-BARRED SPANISH MACKEREL**

BSC	21/4/02	Burkitts Rocks, Bundaberg Coast
CUA	11/10/19	Wardle Reef, off Cairns
TGCFD	20/11/03	Breaksea Shoals, off Fraser Island
WA	18/7/04	Carnarvon, WA

**SPOTTED MACKEREL**

-	-	-
TGCFD	30/7/17	Cape Moreton, S.E. Qld
THRAC	12/2/96	Palm Beach Reef, Gold Coast
Qld	12/2/96	Palm Beach Reef, Qld

**QUEENSLAND SCHOOL MACKEREL**

BSC	21/3/05	Berkitts Rocks, Bundaberg Coast
-	-	-
THRAC	31/3/95	Palm Beach Reef, Gold Coast
Qld	31/3/95	Palm Beach Reef, Qld

**BROAD-BARRED SPANISH MACKEREL, GREY MACKEREL**

TSC	18/8/96	Orchard Rocks, Magnetic Island
-	-	-
THRAC	22/7/95	Bustard Heads, 1770 Coast
WA	8/9/17	Bernier Island, WA

**YELLOWFIN TUNA**

-	-	-
TSC	15/12/06	Marion Reef, Coral Sea
Qld	30/5/08	Shark Bay, WA

**LONG-TAIL TUNA**

-	-	-
MBBC	25/7/06	Western Rocks, off Moreton Island, S.E. Qld
Qld	25/7/06	Moreton Island, Qld

**ROCK CALE**

-	-	-
BSC	8/2/15	Tweed River, Tweed Coast
NSW	15/12/79	Terrigal, NSW

**CHANIDAE****MILKFISH, SALMON HERRING**

TSC	2/7/01	Camp Island
-	-	-
TGCFD	24/11/20	Fitzroy Reef, Bunker Group
Qld	24/11/20	Fitzroy Reef, Bunker Group, Qld

**CHEILODACTYLIDAE****RED MORWONG**

-	-	-
THRAC	18/2/17	Fido Reef, Tweed Coast
BSC	11/5/14	Fido Reef, Tweed Coast
NSW	7/3/82	Norah Head, NSW

**EASTERN MAGPIE MORWONG**

BSC	29/12/98	North West Island, Capricorn group
-	-	-
UAC	19/12/82	North Reef, Capricorn group
NSW	9/4/71	South West Rocks, NSW

# PAINTED SWEETLIPS



10.17 kg  
Celeste Greinke  
Yeppoon Coast

**BROWN SWEETLIPS**  
*Plectorhinchus gibbosus*



**GIANT SWEETLIPS**  
*Plectorhinchus albovittatus*

Distinctive yellow-orange spiny dorsal.



**SLATEY**  
*Diagramma pictum labiosum*

Faint but distinct spots.



**NETTED SWEETLIPS**  
*Plectorhinchus flavomaculatus*

Oblique lines on body and onto dorsal.



**MANY-LINED SWEETLIPS**  
*Plectorhinchus lineatus*

Tail yellowish.



Coastal.  
**MAORI SWEETLIPS**  
*Plectorhinchus multivittatus*



**SOMBRE SWEETLIPS**  
*Plectorhinchus unicolor*



**RIBBONED SWEETLIPS**  
*Plectorhinchus polytaenia*

Standard markings.



**STRAIGHT-LINED SWEETLIPS**  
*Plectorhinchus lessonii*



**GOLDEN-LINED SWEETLIPS**  
*Plectorhinchus chrysotaenia*



Reef.

**GOLDEN-LINED SWEETLIPS**  
*Plectorhinchus chrysotaenia*  
Unusual markings... thicker lines and some on back turn oblique.

see 16A

**Dactylophora nigricans (Richardson)**

J - -  
 W - -  
 O 3.400 kg Greg Hunt  
 A 13.607 kg A. Bowra

**Nemadactylus douglasii (Hector)**

J - -  
 W - -  
 O 1.160 kg Gareth Lowe  
 A 5.050 kg A. Eriksson

**MULLET****Crenimugil crenilabis (Forsk.)**

J - -  
 W - -  
 O 1.870 kg Craig Whalley  
 A 1.870 kg Craig Whalley

**Liza argentea (Quoy & Gaimard)**

J - -  
 W - -  
 O 0.510 kg Michael McDade  
 A 0.737 kg Hendrik Hendriks

**Liza vaigiensis (Quoy & Gaimard)**

J 2.500 kg Michael N. Saunders  
 W - -  
 O 3.784 kg Brendan Chan  
 A 3.784 kg Brendan Chan

**Crenimugil buehneri (Bleeker)**

J 0.950 kg Ned Randell  
 W - -  
 O 3.150 kg Michael Greinke  
 A 3.150 kg Michael Greinke

**Mugil cephalus Linnaeus**

J 2.010 kg Kate Saunders  
 W 2.010 kg Kate Saunders  
 O 3.168 kg Keith Lutz  
 A 3.430 kg J. Gillies

**DUSKY MORWONG**

- - -  
 MBBC 20/9/81 Gneering Shoals, Sunshine Coast  
 WA 27/1/64 Parys Inlet, WA

**BLUE MORWONG**

- - -  
 TGCFD 13/12/11 Mud Hole, Tweed Coast  
 NSW 2/11/99 Ulladulla, NSW

**MUGILIDAE****FRINGE-LIPPED MULLET**

- - -  
 BSC 13/11/09 Boulton Reef, Bunker Group  
 Qld 13/11/09 Boulton reef, Qld

**FLAT-TAIL MULLET**

- - -  
 UAC 21/7/07 Baffle Creek, Bundaberg  
 SA 27/1/66 Outer Harbour, SA

**DIAMOND-SCALE MULLET**

BSC 26/3/00 Elliott River, Bundaberg Coast  
 - - -  
 SCS 8/1/13 Mooloolaba, Sunshine Coast  
 Qld 8/1/13 Mooloolaba, Qld

**BLUE-TAIL MULLET**

MDUSC 7/11/20 mouth of the Pioneer R., Mackay coast  
 - - -  
 UAC 10/8/03 Curtis Island, off Gladstone  
 Qld 10/8/03 Curtis Island, Qld

**SEA MULLET**

UAC 27/12/04 North West Island, Capricorn Group  
 UAC 27/12/04 North West Island, Capricorn Group  
 TGCFD 14/6/03 Southport Seaway Wall (outside), Gold Coast  
 NSW 5/7/64 South West Rocks, NSW

**PAINTED SWEETLIPS, JAVELINFISH HAEMULIDAE****Diagramma pictum labiosum Macleay**

J 7.200 kg Jeremy Baker  
 W 4.900 kg Jennifer Budworth  
 O 11.113 kg Ben Cropp  
 A 11.113 kg Ben Cropp

**Plectorhinchus albivittatus (Ruppell)**

J - -  
 W 15.084 kg Elizabeth Auty  
 O 18.143 kg Bob Hart  
 A 18.143 kg Robert Hart

**Plectorhinchus chaetodonoides (Lacepede)**

J 5.340 kg Michael N. Saunders  
 W 4.700 kg Louise Randell  
 O 6.000 kg Ray Inkpen  
 A 6.000 kg Ray Inkpen

**Plectorhinchus chrysotaenia (Bleeker)**

J - -  
 W - -  
 O 2.188 kg Brendan Whalley  
 A 2.188 kg Brendan Whalley

**Plectorhinchus flavomaculatus (Cuvier & Val.)**

J 2.980 kg Michael N. Saunders  
 W 2.900 kg Jennifer Budworth  
 O 3.340 kg Keiren Limpus  
 A 4.100 kg Glenn George

**SLATEY, PAINTED SWEETLIPS**

BSC 8/8/09 Bustard Heads, 1770 Coast  
 TGCFD 15/5/16 Fido Reef, Tweed Coast  
 - - -  
 Qld - -

**GIANT SWEETLIPS, PINK-FIN SWEETLIPS**

- - -  
 NSW 13/9/70 Euston Reef, Qld  
 CUA 15/9/71 Agincourt Reef  
 Qld 15/9/71 Agincourt Reef, Qld

**HARLEQUIN SWEETLIPS**

UAC 30/12/99 North West Island, Capricorn Group  
 MDUSC 24/12/01 Square Reef  
 UAC 8/7/81 North West Island, Capricorn group  
 Qld 5/7/81 North West Island, Qld

**GOLDEN-LINED SWEETLIPS**

- - -  
 BSC 2/6/14 Britomart Reef  
 Qld 2/6/14 Britomart Reef, Qld

**NETTED SWEETLIPS, GOLD-SPOTTED SWEETLIPS**

BSC 7/1/02 Broomfield Reef, Capricorn Group  
 TGCFD 10/11/19 9 Mile Reef, Tweed Coast  
 BSC 8/2/15 Fido Reef, Tweed Coast  
 NSW 25/9/94 Woolgoolga, NSW



**P. kaakan** is the larger species with a more elongate body, faint bars, often gold in the colour, and quite a long caudal peduncle. The eye is small, contained about twice in the snout length, and well below the dorsal profile. White along base of caudal fin. Small eye to snout length.

**P. argenteus** is smaller, and more bream like in shape. Spots are on the scales, and also can be seen on the spiny dorsal fin. The eye is large, sub-equal to snout length, and appears quite close to the dorsal profile.

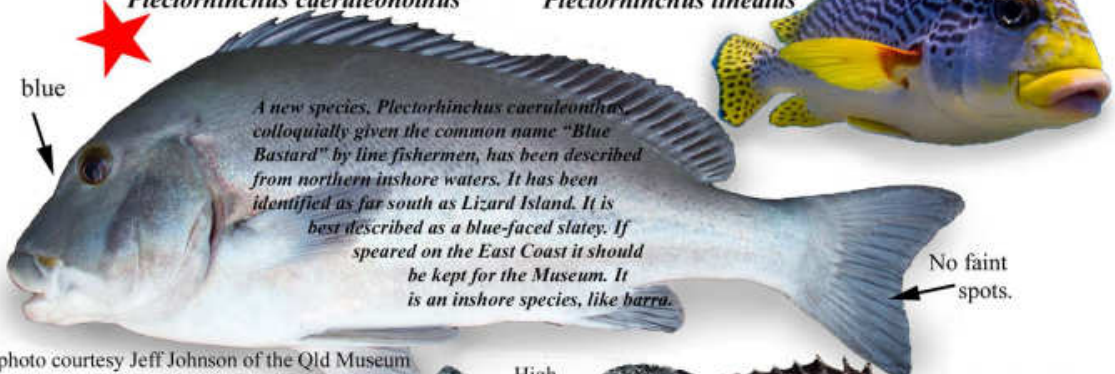
## PAINTED SWEETLIPS (cont.)

### BLUE BASTARD

*Plectorhinchus caeruleonothus*

### MANY-LINED SWEETLIPS

*Plectorhinchus lineatus*



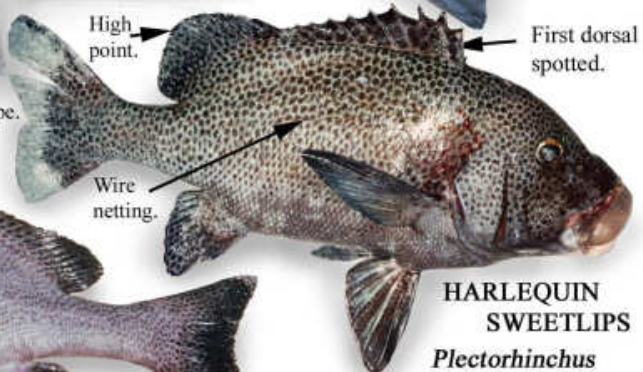
A new species, *Plectorhinchus caeruleonothus*, colloquially given the common name "Blue Bastard" by line fishermen, has been described from northern inshore waters. It has been identified as far south as Lizard Island. It is best described as a blue-faced slatley. If speared on the East Coast it should be kept for the Museum. It is an inshore species, like barra.

photo courtesy Jeff Johnson of the Qld Museum

### MULTI-SPOTTED SWEETLIPS

*Plectorhinchus pica*

Tail shape.



### HARLEQUIN SWEETLIPS

*Plectorhinchus chaetodonoides*

***Plectorhynchus gibbosus (Lacepede)***

J	10.170 kg	Celeste Greinke
W	10.170 kg	Celeste Greinke
O	11.339 kg	Glen Hartwig
A	11.339 kg	Glen Hartwig

***Plectorhynchus lessonii (Cuvier)***

J	1.050 kg	Michael N. Saunders
W	-	-
O	1.134 kg	Graham Lowe
A	1.134 kg	Graham Lowe

***Plectorhynchus lineatus (Linnaeus)***

J	-	-
W	2.900 kg	Elise Hicks
O	4.110 kg	Martin Turner
A	4.110 kg	Martin Turner

***Plectorhynchus multivittatus (Macleay)***

J	-	-
W	-	-
O	2.150 kg	Michael Maher
A	2.150 kg	Michael Maher

***Plectorhynchus pica (Cuvier)***

J	2.940 kg	Darcey Davey
W	2.253 kg	Claire Hollier
O	4.100 kg	Tim Neilsen
A	4.500 kg	Gunther Pfrenge

***Plectorhynchus unicolor (Mackeay)***

J	4.100 kg	Michael N. Saunders
W	2.050 kg	Tammy Howkins
O	7.350 kg	Jonathan Thompson
A	12.020 kg	Tony Lucas

***Pomadasy argenteus (Playfair)***

J	-	-
W	-	-
O	1.417 kg	Terry Naughton
A	1.417 kg	Terry Naughton

***Pomadasy kaakan (Cuvier)***

J	2.700 kg	David McAllister
W	-	-
O	3.850 kg	Michael Greinke
A	3.850 kg	Michael Greinke

**PARROTFISH*****Bolbometopon muricatum (Valenciennes)***

J	29.030 kg	Leeland Greinke
W	34.018 kg	Ethel Everett
O	34.018 kg	Ethel Everett
A	34.018 kg	Ethel Everett

***Calatomus carolinus (Valenciennes)***

J	-	-
W	-	-
O	1.165 kg	Duncan Limpus
A	1.165 kg	Duncan Limpus

***Cetoscarus ocellatus (Valenciennes)***

J	3.800 kg	Michael N. Saunders
W	4.175 kg	Jennifer Budworth
O	5.650 kg	Michael Greinke
A	5.750 kg	R. Loudon

***Chlorurus bleekeri (Cuv. & Val.)***

J	-	-
W	-	-
O	0.750 kg	Ray Oakey
A	0.750 kg	Ray Oakey

**BROWN SWEETLIPS, BLUBBERLIP**

UAC	4/8/07	Yeppoon Coast
UAC	4/8/07	Yeppoon Coast
BSC	3/9/67	Bustard Head, 1770 Coast
Qld	3/9/67	Bustard Head, Qld

**STRAIGHT-LINED SWEETLIPS, STRIPED SWEETLIPS**

UAC	30/12/99	Broomfield Reef, Capricorn Group
-	-	-
BSC	1/12/73	Lewellyn Reef, Bunker Group
Qld	1/12/73	Lewellyn Reef, Qld

**MANY-LINED SWEETLIPS**

-	-	-
CUA	28/3/86	Tetford Reef
MISC	13/5/73	Lil Kelso Reef
Qld	13/5/73	Lil Kelso Reef, Qld

**MAORI SWEETLIPS**

-	-	-
-	-	-
MDUSC	15/2/98	Eimeo Reef, Mackay Coast
Qld	15/2/98	Eimeo Reef, Qld

**MULTI-SPOTTED SWEETLIPS**

BSC	7/1/02	Broomfield Reef, Capricorn group
BSC	31/7/10	Fitzroy Reef, Bunker Group
UAC	30/6/97	Frederick Reef, Coral Sea
NSW	28/5/18	Elizabeth Reef, NSW

**SOMBRE SWEETLIPS, GREY SWEETLIPS**

BSC	7/1/02	Broomfield Reef, Capricorn Group
UAC	1/1/94	North West Island, Capricorn Group
UAC	31/8/97	The Group, off Stradbroke Island
WA	19/5/65	North West Cape, WA

**SMALL-SPOTTED JAVELINFISH**

-	-	-
-	-	-
SCS	19/11/69	Maroochydhore, Sunshine Coast
Qld	19/11/69	Maroochydhore, Qld

**BARRED JAVELINFISH**

BSC	5/9/09	Kolan River, Bundaberg Coast
-	-	-
UAC	30/7/02	Zilzie
Qld	30/7/02	Zilzie, Qld

**LABRIDAE > SCARINAE****NAPOLEAN PARROTFISH, BUMP-HEAD PARROTFISH**

UAC	26/9/10	Darley Reef
MDUSC	1/8/71	St Bees Island
MDUSC	1/8/71	St Bees Island
MDUSC	1/8/71	St Bees Island, Qld

**STAR-EYED PARROTFISH**

-	-	-
-	-	-
BSC	20/4/13	Boult Reef, Bunker Group
Qld	20/4/13	Boult Reef, Qld

**SPOTTED PARROTFISH, BICOLOR PARROTFISH**

BSC	2/12/02	Wreck Reef, Coral Sea
TGCFD	1/1/19	North West Island, Capricorn Group
CSC	1/2/89	Barren Island, Keppel Group
NSW	10/8/87	Kenn Reef, Qld

**YELLOW-CHEEK PARROTFISH**

-	-	-
-	-	-
MBBC	10/1/95	Broadhurst Reef, off Townsville
Qld	10/1/95	Broadhurst Reef, Qld

# PARROTFISH

**Parrotfish** have recently been placed as a sub-family of the wrasse. There are 26 species of parrotfish in Australian waters (only two not found in Qld.) As well, most have an initial phase (IP) which may be female or male, and a terminal phase (TP) sometimes called a super-male. The IP is often reddish, and the TP green. All parrot change from female to male, but a few species, like the Napoleon Parrot, and *Chlorurus frontalis*, don't show two different phases. Usually colour and body shape will permit identification... show fins.



**HIGH-FIN PARROT**  
*Scarus longipinnis*



IP



**BLUE-SIDED PARROT**  
*Scarus forsteni*

TP



**RAGGED-TAIL PARROT**  
*Chlorurus rhakoura*

WA endemic.

bulb on head of large adults

star pattern around eye



IP



**LONG-NOSED PARROT**  
*Hipposcarus longiceps*

distinctive tail shape



TP

**STAR-EYED PARROT**  
*Calotomus carolinus*



TP

**GREEN-LINE PARROT**  
*Scarus flavipectoralis*

green line below eye

IP



**PURPLE-NOSED PARROT**  
*Scarus psittacus*

top quarter of head purple



TP



TP

**BLUE-BARRED ORANGE PARROT**  
*Scarus ghobban*

# MORE PARROT

With parrot a picture is worth a thousand words.

TP



on Coral Sea reefs, uncommon

**BLUE-CHIN PARROT**  
*Scarus xanthopleura*

IP

rather square snout profile



**GREEN-FIN PARROT**  
*Chlorurus sordidus*

IP

TP

"Maori" lines

TP

orange cheek

**SURF PARROT**  
*Scarus rivulatus*

**LITTLE BLUE PARROT**  
*Scarus chameleon*

line pattern around eye and chin



TP

north-western Aust.

yellow fully surrounded by green

**YELLOW-CHEEK PARROT**  
*Chlorurus bleekeri*

TP

A West Coast species.

**GREEN-CHEEK PARROT**  
*Scarus prasiognathos*

lime

TP

round profile

**LIME-HEADED PARROT**  
*Scarus spinus*



TP

**MARBLED PARROT**  
*Leptoscarus vaigiensis*

IP



in weed beds



# MORE PARROT



*Scarus schlegeli*



tan morph



**GREEN PARROT**  
*Chlorurus frontalis*  
monochromatic (one colour phase)



red morph

**DARK-QUARTER PARROT**  
*Scarus oviceps*



IP



green morph

**BLUNT-HEAD PARROT**  
*Chlorurus microhinos*

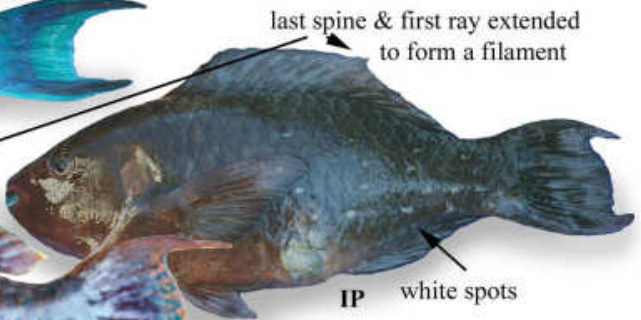
no phases, but colour morphs (not sexual)

line



TP

quarter of body sharply darker



last spine & first ray extended to form a filament

IP white spots

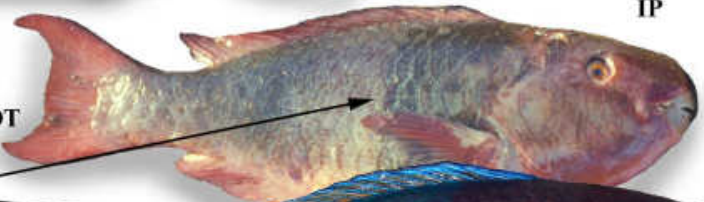
**SPIKE-FIN PARROT**  
*Scarus altipinnis*



TP

**HALF & HALF PARROT**  
*Scarus rubroviolaceus*

change of darkness half-way along body



IP



TP



***Chlorurus frontalis* (Cuv. & Val.)**

J	4.500 kg	Michael N. Saunders
W	2.108 kg	Jayne-Lee Neilsen
O	5.000 kg	Michael McDade
A	6.200 kg	Robert Louden

***Chlorurus microhinos* (Bleeker)**

J	5.400 kg	Michael N. Saunders
W	5.300 kg	Chantelle Gamlin
O	6.800 kg	Graeme Boyle
A	8.200 kg	Gunther Pfrengle

***Chlorurus sordidus* (Forsskal)**

J	0.750 kg	Tracey Collings
W	0.750 kg	Tracey Collings
O	0.950 kg	Glenn Saunders
A	0.950 kg	Glenn Saunders

***Hippocampus longiceps* (Valenciennes)**

J	1.700 kg	Michael N. Saunders
W	2.950 kg	Kerrie Licastro
O	3.450 kg	Tim Neilsen
A	4.750 kg	Ian Puckeridge

***Scarus altipinnis* (Steindachner)**

J	4.220 kg	John-Ross Barnes
W	2.250 kg	Ethel Everett
O	4.220 kg	John-Ross Barnes
A	4.700 kg	Emanuel Bova

***Scarus chameleon* Choat & Randall**

J	0.550 kg	Judy Van Leeuwen
W	0.550 kg	Judy Van Leeuwen
O	1.050 kg	Paul Farley
A	1.050 kg	Paul Farley

***Scarus flavipectoralis* Schultz**

J	-	-
W	-	-
O	0.500 kg	Michael McDade
A	0.500 kg	Michael McDade

***Scarus forsteni* (Bleeker)**

J	-	-
W	-	-
O	1.620 kg	Trevor Ketchion
A	1.620 kg	Trevor Ketchion

***Scarus frenatus* Lacepede**

J	1.600 kg	Tracey Collings
W	1.600 kg	Tracey Collings
O	2.375 kg	Paul Braddock
A	2.375 kg	Paul Braddock

***Scarus ghobban* Forsskal**

J	4.000 kg	Jack Tarrant
tie	4.080 kg	Damien Stayte
W	3.400 kg	Belinda Parkes
O	10.300 kg	Andrew Sprenger
A	10.656 kg	Kelvin Rushworth

***Scarus globiceps* Cuvier & Valenciennes**

J	-	-
W	-	-
O	0.750 kg	Glen Shaw
A	0.750 kg	Glen Shaw

***Scarus niger* Forsskal**

J	0.950 kg	Tracey Collings
W	0.950 kg	Tracey Collings
O	1.500 kg	Jeff Muskett
A	2.300 kg	M. Bretherton

***Scarus oviceps* Cuvier & Valenciennes**

J	-	-
W	-	-
O	1.200 kg	David Williams
A	1.200 kg	David Williams

**GREEN PARROTFISH, REEF-CREST PARROT**

BSC	2/12/02	Wreck Reef, Coral Sea
UAC	1/12/08	Marion Reef, Coral Sea
UAC	4/7/97	Saumarez Reef, Coral Sea
NSW	15/5/89	Wreck Reef, Coral Sea

**BLUNT-HEAD PARROTFISH, STEEP-HEAD PARROTFISH**

BSC	3/12/02	Wreck Reef, Coral Sea
BSC	4/1/01	North West Island, Capricorn Group
CSC	15/11/83	Horseshoe Lagoon
NSW	28/5/18	Elizabeth Reef, NSW

**GREEN-FIN PARROTFISH**

UAC	2/1/85	North West Island, Capricorn Group
UAC	2/1/85	North West Island, Capricorn Group
CSC	1/7/90	Barren Island, Keppel Group
Qld	4/7/72	Barren Island, Qld

**LONG-NOSED PARROTFISH**

BSC	4/1/02	North West Island, Capricorn Group
UAC	11/1/94	North West Island, Capricorn Group
UAC	26/8/97	Swain Reefs
NSW	15/11/97	Wreck Reef, Qld

**SPIKE-FIN PARROTFISH**

MDUSC	22/4/01	Prince Reef
MDUSC	9/1/95	Centipede Reef, off Townsville
MDUSC	22/4/01	Prince Reef
NSW	28/5/18	Elizabeth Reef, NSW

**LITTLE BLUE PARROTFISH**

UAC	3/1/85	North West Island, Capricorn Group
UAC	3/1/85	North West Island, Capricorn Group
UAC	28/1/85	Flinders Reef, off Moreton Island, S.E. Qld
Qld	28/1/85	Flinders Reef, Qld

**GREEN-LINED PARROTFISH**

-	-	-
-	-	-
UAC	5/1/94	North West Island, Capricorn Group
Qld	5/1/94	North West Island, Qld

**WHITE-SPOT PARROTFISH, BLUE-SIDED PARROTFISH**

-	-	-
-	-	-
TGCFD	27/6/16	Barwon Banks, S.E. Qld
Qld	27/6/16	Barwon Banks, Qld

**GREEN TAILED PARROTFISH**

UAC	2/1/85	North West Island, Capricorn Group
UAC	2/1/85	North West Island, Capricorn Group
BSC	4/4/80	Polymaise Reef, Capricorn Group
Qld	4/4/80	Polymaise Reef, Qld

**BLUE-BARRED ORANGE PARROTFISH**

SCFD	-	Inner Gneerings, Sunshine Coast
UAC	28/12/05	Broomfield Reef Capricorn Group
NSW	10/1/02	North West Island, Capricorn Group
UAC	24/2/09	Cape Moreton, S.E. Qld
WA	13/9/11	Turtledove Shoal, WA

**VIOLET-LINED PARROTFISH**

-	-	-
-	-	-
UAC	30/12/98	Tryon Island, Capricorn Group
Qld	30/12/98	Tryon Island, Qld

**DUSKY PARROTFISH**

UAC	5/1/85	North West Island, Capricorn Group
UAC	5/1/85	North West Island, Capricorn Group
THRAC	13/11/94	Flinders Reef, off Moreton Island, S.E. Qld
NSW	4/12/81	Shoal Bay, NSW

**DARK-QUARTER PARROTFISH**

-	-	-
-	-	-
TSC	10/9/05	Fork Reef, off Townsville
Qld	10/9/05	Fork Reef, Qld

# PARROT

wire netting pattern

IP



bright green  
"scar" spot



TP

**DUSKY PARROT**  
*Scarus niger*

suddenly  
light green  
caudal peduncle



TP

**GREEN-TAILED PARROT**  
*Scarus frenatus*



TP

**VIOLET-LINED PARROT**  
*Scarus globiceps*

violet lines



**NAPOLEAN PARROT**

*Bolbometopon muricatum*

By far the largest  
parrot. Right: An  
unusual colour form.



**SPOTTED PARROT**

*Cetoscarus  
ocellatus*

Scientific name  
change, no  
longer  
*C. bicolor*.



# SCORPION

## COD

The likely suspect

**SCORPION COD**  
*Scorpaena jacksoniensis*

**Scarus psittacus (Forsskal)**

J	0.900 kg	Judy Van Leeuwen
W	0.900 kg	Judy Van Leeuwen
O	0.900 kg	Judy Van Leeuwen
A	3.900 kg	Gunther Pfrengle

**Scarus rivulatus Valenciennes**

J	1.520 kg	Leeland Greinke
W	1.250 kg	Suzanne Mackie
O	2.230 kg	Jake Boyd
A	2.230 kg	Jake Boyd

**Scarus rubroviolaceus (Bleeker)**

J	-	-
W	-	-
O	4.350 kg	Andrew Sprenger
A	5.400 kg	Catherine James

**Scarus schlegelii (Bleeker)**

J	0.900 kg	Judy Van Leeuwen
W	0.900 kg	Judy Van Leeuwen
tie	0.920 kg	Kerrie Licastro
O	1.360 kg	Trevor Ketchion
A	1.360 kg	Trevor Ketchion

**Scarus spinus (Kner)**

J	-	-
W	-	-
O	0.550 kg	Michael McDade
tie	0.560 kg	Michael J. Saunders
A	0.550 kg	Michael McDade
tie	0.560 kg	Michael J. Saunders

**Scarus xanthopleura Bleeker**

J	-	-
W	-	-
O	4.500 kg	Michael Greinke
A	4.500 kg	Michael Greinke

**PEARL PERCH****Glaucosoma scapulare Macleay**

J	-	-
W	2.280 kg	Adriana Djurasevich
O	2.750 kg	Jeffrey Wright
A	4.735 kg	James Sakker

**SCORPION COD****Scorpaena jacksoniensis Steindack**

J	-	-
W	-	-
O	1.291 kg	B. Rodger
A	2.551 kg	Mel Brown

**SEA BREAM & SWEETLIPS EMPEROR LETHRINIDAE****Gymnocranius audleyi Ogilby**

J	0.600 kg	Michael N. Saunders
W	-	-
O	0.600 kg	Michael N. Saunders
A	0.600 kg	Michael N. Saunders

**Gymnocranius euanus Gunther**

J	1.150 kg	Michael N. Saunders
W	-	-
O	1.150 kg	Michael N. Saunders
A	6.500 kg	Robert Loudon

**Gymnocranius grandoculis (Valenciennes)**

J	-	-
W	-	-
O	7.120 kg	Jean-Louis Lebreux
A	7.120 kg	Jean-Louis Lebreux

**PURPLE-NOSED PARROTFISH, PALE-NOSE PARROT**

UAC	8/1/86	North West Island, Capricorn Group
UAC	8/1/86	North West Island, Capricorn Group
UAC	8/1/86	North West Island, Capricorn Group
NSW	29/5/18	Elizabeth Reef, NSW

**SURF PARROTFISH**

UAC	30/8/08	Ross' Reef, Keppel Group
UAC	22/9/94	North West Island, Capricorn Group
TSC	2/9/10	Abbot Point, Bowen
Qld	2/9/10	Abbot Point, Qld

**HALF & HALF PARROTFISH, MEADOW or EMBER PARROT**

-	-	-
-	-	-
UAC	23/9/05	Hutchisons Shoal, S.E. Qld
WA	14/8/11	Coral Bay, WA

**YELLOW-SPOT PARROTFISH**

UAC	2/1/85	North West Island, Capricorn Group
UAC	2/1/85	North West Island, Capricorn Group
UAC	1/1/94	North West Island, Capricorn Group
TGCFD	8/12/15	Barwon Banks, S.E. Qld
Qld	8/12/15	Barwon Banks, Qld

**LIME-HEADED PARROTFISH**

-	-	-
-	-	-
UAC	2/1/85	North West Island, Capricorn Group
Qld	26/12/14	North West Island, Capricorn Group
UAC	2/1/85	North West Island, Capricorn Group
Qld	26/12/14	North West Island, Capricorn Group

**BLUE-CHIN PARROTFISH, WIRE-NETTING PARROTFISH**

-	-	-
-	-	-
UAC	20/11/06	Holms Reef, Coral Sea
Qld	20/11/06	Holms Reef, Qld

**GLAUCOSOMIDAE****PEARL PERCH**

-	-	-
TGCFD	3/8/09	Brennans Shoal
SCS	28/8/69	Cooloom, Sunshine Coast
NSW	23/6/90	Bundagen, NSW

**SCORPAENIDAE****RED ROCK COD, SCORPION COD**

-	-	-
-	-	-
SA	/65	Australian Titles, Maroochydore
NSW	29/12/67	Montague Island, NSW

**COLLARED SEA BREAM, IODINE BREAM**

BSC	9/1/02	North West Island, Capricorn Group
-	-	-
BSC	9/1/02	North West Island, Capricorn Group
Qld	9/1/02	North West Island, Qld

**BLOTCHED SEA BREAM, "Japanese Sea Bream"**

BSC	1/11/02	Saumarez Reef, Coral Sea
-	-	-
BSC	1/11/02	Saumarez Reef, Coral Sea
NSW	12/9/86	Elizabeth Reef, off NSW

**MAORI SEA BREAM**

-	-	-
-	-	-
NSW	20/7/20	Fraser Island
NSW	20/7/20	Fraser Island, Qld

## KEY TO QLD SEA BREAM (*Gymnocranius* & *Monotaxis*)

(Also read pages 19B, 19C & 19D)

- 1a Sides of jaws with large flat molars, inner pectoral fin base densely scaled, denticulated ridge on outer surface of maxilla ..... 2
- 1b Sides of jaws with conical teeth (small molars in *G. euanus*), inner pectoral fin base scaleless, ridge on outer surface of maxilla not denticulated ..... 3
- 2a Lips yellow, dark spots to membrane at base of 3 or 4 soft dorsal and anal fin rays, white bars if present at least 3-4 scales wide, narrow but well defined red edge to the dorsal fin ..... *Monotaxis grandoculis*
- 2b Lips brown or reddish, no dark spots to membrane at base of soft dorsal and anal fin rays, white bars if present 1-2 scales wide, usually a yellow streak along top and bottom of caudal almost joined to form a chevron ..... *Monotaxis heterodon*
- 3a Nape of head with distinctive "D" shaped blackish patch surrounded by a white border, fins clear with pinkish tinge, no blue markings on face ..... *G. audleyi*
- 3b No distinctive marking as above ..... 4
- 4a Longitudinal wavy blue lines on face, fins yellowish ..... *G. grandoculis*
- 4b Some with blue spots and markings on face but not as above, fins reddish to bright red ..... 5
- 5a Body noticeably longer than other sea bream (2.5 to 3 depth in SL), greatest depth of body at mid-length, blue spots/markings on face some of which are vertically elongate, dark marking "eyebrow" above eye, conical teeth at rear of jaw, snout convex (more pronounced in large fish) while profile above eye is straight giving a hump-nosed appearance, inner surface of caudal lobes only slightly convex in small fish gradually changing to distinctly convex in very large fish but caudal lobes still come to a point ..... *G. microdon*  
(Recently described *G. superciliosus* may not be distinct from this species, so is not used here until situation is clarified.)
- 5b Body deep (2.4 - 2.5 depth in SL), greatest depth of body under start of dorsal fin, may have blue markings on face, snout steeply sloping, inner surface of caudal lobes markedly convex (paddle tail) at all sizes but caudal lobes may still come to a point ..... 6
- 6a Body with numerous prominent randomly scattered individual black scales/spots, may be faint blue markings on face, profile of head steeply sloping but almost straight, 4.5 scale rows above lateral line under dorsal fin, small molars present on sides of jaws, eye diameter much smaller than pre-orbital (snout) length, upper lip unremarkable and lower lip white ..... *G. euanus*
- 6b Body without prominent randomly scattered black scales, scales on upper body with dark basal patch forming regular longitudinal rows along sides of upper body, may be some blue dots on snout, may be short blue squiggles below and behind eye and will be iridescent shiny blue markings on scales on gill plates (cheek), dark area "eyebrow", dark bar through eye, profile of head convex but with steeply sloping snout, 5.5 scale rows above lateral line, no molars on sides of jaws, eye diameter large approaching or larger than pre-orbital (snout) length, upper lip reddish and lower lip white ..... *G. satoi*



## COMMON NAMES FOR SEA BREAM

- Monotaxis grandoculis* ..... Mu, Hump-nose Sea Bream, Large-eyed Sea Bream ..... (Mu is a Polynesian name referring to the large eyes.)
- Monotaxis heterodon* ..... Mini Mu, Narrow-barred Sea Bream, Red-finned Sea Bream
- Gymnocranius audleyi* ..... Collared Sea Bream, Iodine Bream
- Gymnocranius grandoculis* ...Maori Sea Bream, Blue-lined Sea Bream, Robinson's Sea Bream  
(Last name lingers from when it was *G. robinsoni*, don't use "Robinson's Sea Bream" on score sheets!)
- Gymnocranius microdon* ..... Blue-spotted Sea Bream, Eye-browed Sea Bream
- Gymnocranius euanus* ..... Blotched Sea Bream, Small-eyed Paddle-tail Sea Bream, Japanese Sea Bream (Last name lingers from when it was called *G. japonicus*, don't use Japanese Sea Bream on score sheets!)
- Gymnocranius satoi*..... Paddle-tail Sea Bream, Black-nape Sea Bream

## SEA BREAM (cont.)



### NOTES ON SEA BREAM IDENTIFICATION

Quite a deal of space is devoted to the identification of this group as it has provided more headaches than any other group. After a really close review of all the sea bream forms in our records (magnifying glass and many of the most crappy photos you can imagine), and consulting with the Qld Museum and the Australian Records Officer, there was a new identification key and a number of our records moved to a different species. There were a number of changes resulting from this in our records.

Most interesting there is only one *G. grandoculis* and one *G. euanus* anywhere in our Qld Records. Most of the claims are *G. microdon*. Surprisingly a *G. grandoculis* was recently speared at Nine Mile off the Tweed Coast. *G. euanus* is more common on the Coral Sea reefs.

\*Scientific names and recognition of species has changed a number of times from our early records to present, and indications are that there will be more changes to come.

\*Few text books show all our species.

\*However, our five species of *Gymnocranius* are easily separable by following the key in this edition, even if their scientific names may change. A sixth species *G. griseus* also occurs in the North West.

\*The two species of *Monotaxis* can be harder to separate if they are not showing their bars and really good photos of their fins are needed.

\*The Blue-Lined Sea Bream (or Sailfin Snapper) is in the Sea Perch family and is on page 21.

\*To see more photos search the scientific names and choose "Fishes of Australia" Museums Victoria site. You can bring up more photos, but some photos are not correctly identified by contributors.

\*Eye diameter compared to pre-orbital distance often used as a characteristic for this group, but the eye appears to become relatively smaller as the fish grows.

\*Convex inner surface of caudal lobe often used as a characteristic, but at least with *G. microdon* the convex shape becomes more pronounced with size.

\*The much used scientific illustration of *G. microdon* by Swainston from 1989 appears to have an incorrect tail shape for an adult fish.

\**G. superscilius* is here treated as a junior synonym of *G. microdon* until research sorts this out.

# SEA BREAM

(Also read page 19A, 19B & 19D)

**PADDLE-TAIL  
SEA BREAM**

*Gymnocranius satoi*

**BLOTCHED  
SEA BREAM**

*Gymnocranius euanus*

White bottom lip contrasts strongly with top lip and red inside.

Iridescent blue sections reflect on cheek scales.

2 examples of...  
**BLUE-SPOTTED  
SEA BREAM**

*Gymnocranius microdon*

**BLUE-SPOTTED  
SEA BREAM**

*Gymnocranius microdon*

Hump nose profile.

Blue spots.

White-edged "D" shape.

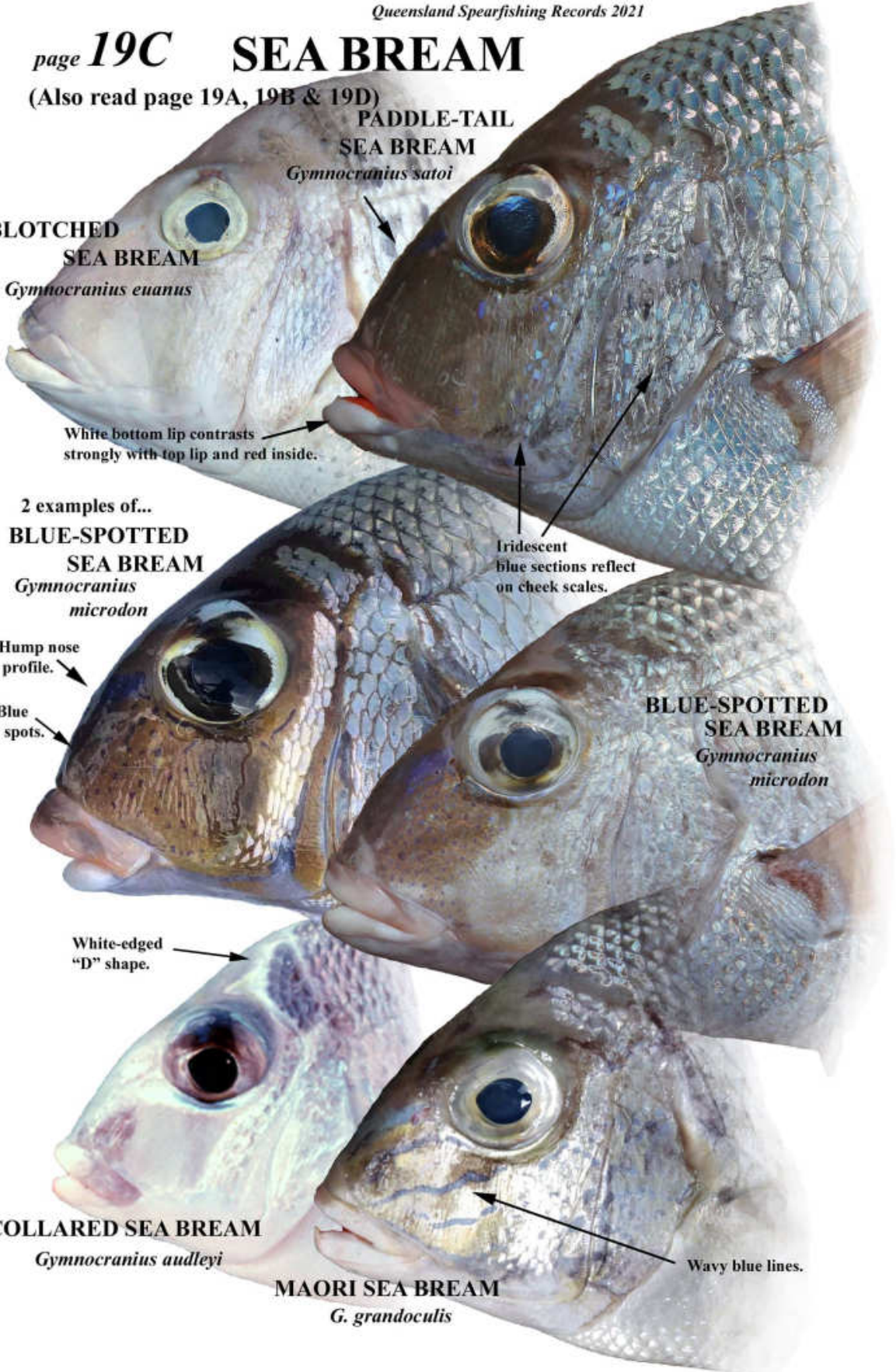
**COLLARED SEA BREAM**

*Gymnocranius audleyi*

**MAORI SEA BREAM**

*G. grandoculis*

Wavy blue lines.



page **19D**

steep, straight profile

# SEA BREAM

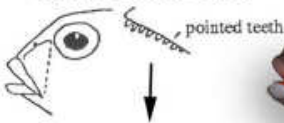
dark blotches

**BLOTCHED SEA BREAM**  
*Gymnocranius euanus*



Convex lobe "paddle tail" but still comes to a point.

**PADDLE-TAIL SEA BREAM**  
*Gymnocranius satoi*



high body

tail lobes very convex with rounded tips

relatively long body

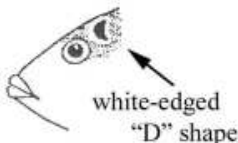
**BLUE-SPOTTED SEA BREAM**  
*Gymnocranius microdon*

Tail lobes more convex in older fish.

**MAORI SEA BREAM**  
*G. grandoculis*

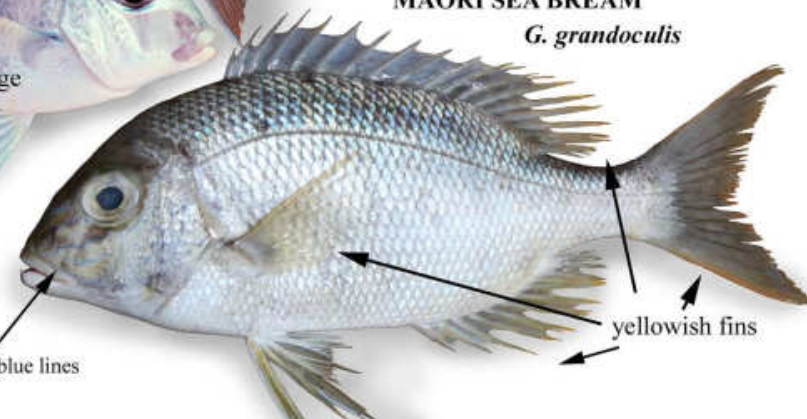
fins are not green... clear with pinkish tinge

**COLLARED SEA BREAM**  
*Gymnocranius audleyi*



wavy blue lines

yellowish fins



# SWEETLIPS EMPERORS

Identification of the common Emperors has not caused too many problems. Spearos are much more familiar with these fish and they have had a better coverage in texts. However, in far north Qld, *L. microdon* might be mistaken for a small Long-nosed Emperor, and there are a number of others not on our records.

Any claims of species not already on our records must be kept until passed.



ORANGE-LINED EMPEROR  
*Lethrinus obsoletus*



ORNATE EMPEROR  
*Lethrinus ornatus*



BLACK-SPOT EMPEROR  
*Lethrinus harak*



BUFFALO EMPEROR  
*Lethrinus erythracanthus*



GRASS EMPEROR  
*Lethrinus laticaudis*

A dult fish have bright red fins and develop rounded tail tips (paddle-tail.)



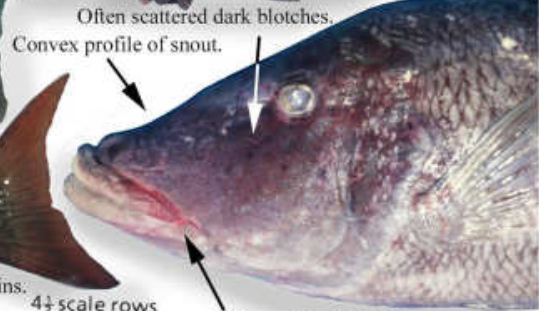
YELLOW-LIP EMPEROR  
*L. xanthochilus*



SMALL-TOOTH EMPEROR  
*Lethrinus microdon*



LONG-NOSED EMPEROR  
*L. olivaceus*



Often scattered dark blotches. Convex profile of snout.

LONG-NOSED EMPEROR  
*Lethrinus olivaceus*



*L. olivaceus* is the largest sweetlips emperor. Its shape is the main identification characteristic. There is another long-nosed emperor, *L. microdon*, in far North Qld, that could easily be confused with it. They show a number of small differences when side by side, but a clear cut difference is the number of scale rows as shown above. *L. olivaceus* has five and a half, and *L. microdon* has four and a half rows.



***Gymnocranius microdon* (Bleeker)**

J	-	-
W	1.730 kg	Erin McGinty
O	4.240 kg	Bryson Sheehy
A	4.240 kg	Bryson Sheehy

***Gymnocranius satoi* Borsa, Bearez, Paijo, Chen**

J	1.100 kg	Leeland Greinke
W	1.180 kg	Nikki Watt
O	1.490 kg	Ken Picard
A	1.800 kg	Lara Puckridge

***Lethrinus atkinsoni* Seale**

J	0.990 kg	Michael N. Saunders
W	0.500 kg	Jennifer Budworth
O	1.750 kg	Michael Greinke
A	1.750 kg	Michael Greinke

***Lethrinus erythracanthus* Cuvier**

J	8.800 kg	Scott Evans
W	-	-
O	8.800 kg	Scott Evans
A	9.100 kg	R. Loudon

***Lethrinus harak* (Forsskal)**

J	-	-
W	-	-
O	0.850 kg	Andrew Clough
A	0.850 kg	Andrew Clough

***Lethrinus latacaudis* Alleyne & MacLeay**

J	4.000 kg	Blain Morgan
W	-	-
O	6.100 kg	Brendan Whalley
A	6.100 kg	Brendan Whalley

***Lethrinus miniatus* (Bloch & Schneider)**

J	3.380 kg	Darcey Davey
W	2.463 kg	Claire Hollier
O	4.750 kg	Andrew Sprenger
A	4.750 kg	Andrew Sprenger

***Lethrinus nebulosus* (Forsskal)**

J	6.200 kg	Ryan Springall
W	4.180 kg	Jennifer Budworth
O	8.465 kg	Luke Randell
A	8.900 kg	A. MacNeill

***Lethrinus obsoletus* (Forsskal)**

J	-	-
W	-	-
O	1.350 kg	Michael McDade
A	1.350 kg	Michael McDade

***Lethrinus olivaceus* Valenciennes**

J	-	-
W	-	-
O	10.350 kg	David McAllister
A	10.350 kg	David McAllister

***Lethrinus xanthochilus* Klunzinger**

J	6.000 kg	Jackson Hong
W	-	-
O	6.000 kg	Jackson Hong
A	6.000 kg	Jackson Hong

***Monotaxis grandoculis* (Forsskal)**

J	3.400 kg	Ryan Springall
W	3.320 kg	Nikki Watt
O	4.550 kg	Alan Betts
A	4.550 kg	Alan Betts

***Monotaxis heterodon* (Bleeker)**

J	-	-
W	0.505 kg	Jennifer Budworth
O	0.780 kg	Duncan Limpus
A	0.780 kg	Duncan Limpus

**BLUE-SPOTTED SEA BREAM**

-	-	-
CUA	10/4/21	Ribbon Reefs, Nth Queensland
TGCFD	13/7/08	Moreton Island, S.E. Qld
Qld	13/7/08	Moreton Island, S.E. Qld

**PADDLE-TAIL SEA BREAM**

UAC	25/9/10	Darley Reef lagoon
TSC	28/11/15	Needle Reef, off Townsville
TSC	17/5/98	Keeper Reef
NSW	24/11/18	Cairns, Qld

**YELLOW-TAIL EMPEROR**

BSC	9/1/02	North West Island, Capricorn Group
TGCFD	23/12/20	North West Island, Capricorn Group
CSC	17/11/92	Prawn Reef, off Townsville
Qld	17/11/92	Prawn Reef, Qld

**BUFFALO EMPEROR, YELLOW-SPOTTED EMPEROR**

TSC	4/11/06	John Brewer Reef, off Townsville
-	-	-
TSC	4/11/06	John Brewer Reef, off Townsville
NSW	25/6/89	Mellish Reef, Qld

**BLACK-SPOT EMPEROR, THUMB-PRINT EMPEROR**

-	-	-
-	-	-
MDUSC	22/4/01	Prince Reef
Qld	22/4/01	Prince Reef, Qld

**GRASS EMPEROR, RED-FINNED EMPEROR**

TSC	27/5/01	Cape Upstart
-	-	-
BSC	22/5/09	Evans Rock, Bundaberg Coast
Qld	22/5/09	Evans Rock, Qld

**RED-THROAT EMPEROR, SWEETLIP EMPEROR**

BSC	14/2/04	Hoskyn Reef, Bunker Group
BSC	14/7/12	Fitzroy Reef, Bunker Group
UAC	7/6/07	Sykes Reef, Capricorn Group
Qld	7/6/07	Sykes Reef, Qld

**SPANGLED EMPEROR**

TGCFD	11/12/00	Hutchisons Shoal, S.E. Qld
TGCFD	17/11/18	Sykes Reef, Capricorn/Bunker Group
AXT	3/11/05	Shag Rock, off Stradbroke Island
WA	3/10/96	Abrolhos Islands, WA

**ORANGE-LINED EMPEROR**

-	-	-
-	-	-
UAC	1/4/13	22-101 Reef, Swain Reefs
Qld	1/4/13	22-101 Reef, Qld

**LONG-NOSED EMPEROR**

-	-	-
-	-	-
BSC	18/12/14	Herald Patches
Qld	18/12/14	Herald Patches, Qld

**YELLOW-LIP EMPEROR**

MDUSC	2/12/10	Credlin Reef
-	-	-
MDUSC	2/12/10	Credlin Reef
Qld	2/12/10	Credlin Reef, Qld

**HUMP-NOSE SEA BREAM, MU, LARGE-EYED SEA BREAM**

TGCFD	14/1/00	Fitzroy Reef, Bunker Group
TSC	10/10/16	Croton Reef
THRAC	17/4/95	Keeper Reef
Qld	17/4/95	Keeper Reef, Qld

**NARROW-BARRED SEA BREAM, MINI MU**

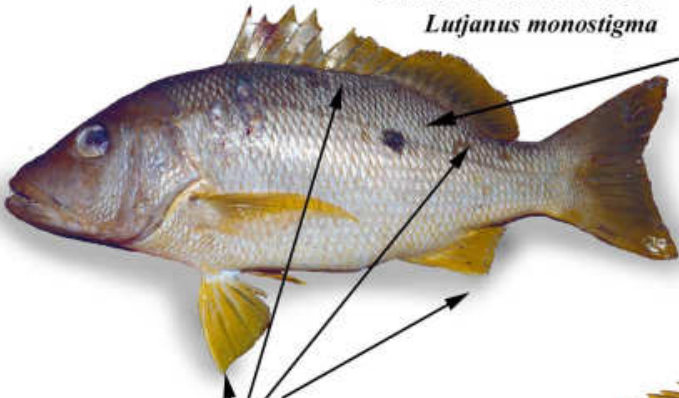
-	-	-
TGCFD	21/12/17	Fitzroy Reef, Bunker Group
TGCFD	21/12/17	Fitzroy Reef, Bunker Group
Qld	21/12/17	Fitzroy Reef, Qld

# SEA PERCH

Species that have a black spot.

## ONE-SPOT SEA PERCH

*Lutjanus monostigma*



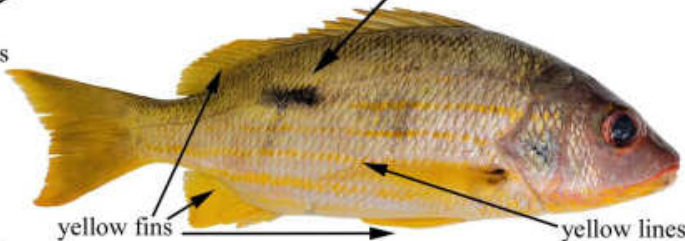
spot is small, round, well defined, and nearly all below lateral line

bright yellow or orange fins

spot is larger than pupil, elongate, mostly below lateral line

## MOSES PERCH

*Lutjanus russellii*

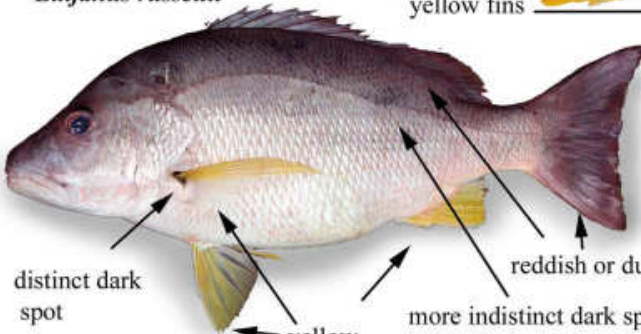


yellow fins

yellow lines

## BLACK-SPOT SEA PERCH

*Lutjanus fulviflamma*



distinct dark spot

yellow

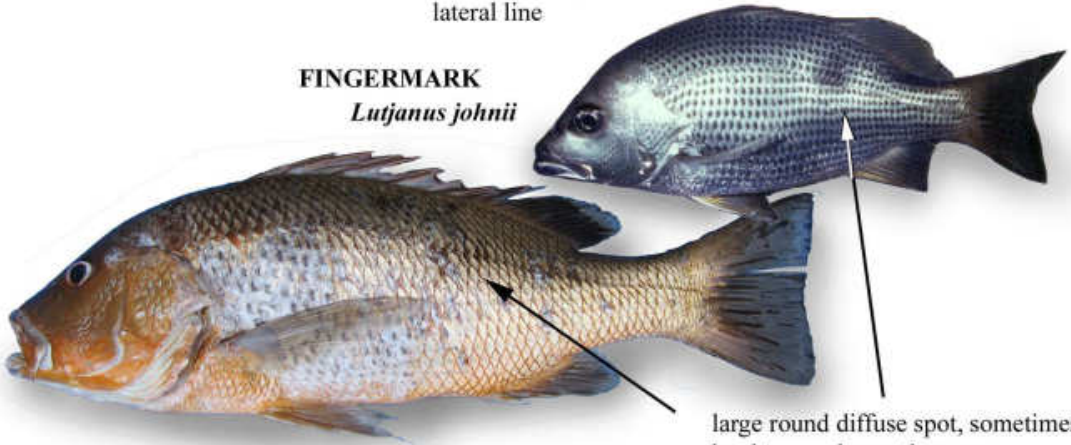
reddish or dusky red

more indistinct dark spot, larger than pupil, mostly above lateral line

Note: Moses Perch from north-western Australia show faint horizontal stripes.

## FINGERMARK

*Lutjanus johnii*



large round diffuse spot, sometimes hard to see, larger than eye, mostly above lateral line

SEA PERCH *LUTJANIDAE**Aphareus furca* (Lacepede)

J	-	-
W	-	-
O	1.280 kg	Chad Lunow
A	1.280 kg	Chad Lunow

*Aphareus rutilans* Cuvier

J	-	-
W	-	-
O	6.460 kg	Andrew Doig
A	6.460 kg	Andrew Doig

*Aprion virescens* Valenciennes

J	6.300 kg	Michael N. Saunders
W	7.450 kg	Kahlee Andrews
O	15.000 kg	Corey Bennett
A	17.000 kg	Andrew Puckeridge

*Caesio cuning* (Bloch)

J	0.750 kg	Darcey Davey
W	0.655 kg	Jennifer Budworth
O	1.000 kg	Greg Hunt
tie	1.000 kg	John Van Blanken
A	1.000 kg	Greg Hunt
tie	1.000 kg	John Van Blanken

*Lutjanus adetii* (Castelnau)

J	0.800 kg	Daniel Russell
W	0.650 kg	Kerrie Licastro
O	1.600 kg	Rod Ashton
A	1.600 kg	Rod Ashton

*Lutjanus argentimaculatus* (Forsskal)

J	4.100 kg	Ryan Springall
W	8.905 kg	Adriana Djurasevich
O	16.240 kg	Craig Whalley
A	16.240 kg	Craig Whalley

*Lutjanus bohar* (Forsskal)

J	5.100 kg	Michael N. Saunders
W	-	-
O	9.400 kg	Michael McDade
A	13.628 kg	Barry Paxman

*Lutjanus carponotatus* (Richardson)

J	1.320 kg	Scott Ellrott
W	1.690 kg	Jennifer Budworth
O	2.240 kg	Andrew Sprenger
A	2.240 kg	Andrew Sprenger

*Lutjanus erythropterus* Bloch

J	4.265 kg	Stephen Stubberfield
W	3.000 kg	Erin McGinty
O	6.780 kg	Andrew Sprenger
A	6.780 kg	Andrew Sprenger

*Lutjanus fulviflamma* (Forsskal)

J	-	-
W	0.520 kg	Jennifer Budworth
O	1.418 kg	Jim Everett

Old Aust record a misidentification and moved to *L. monostigma* below. No photo for the record above so Women's Record becomes Aust.

*Lutjanus fulvus* (Bloch & Schneider)

J	-	The previous edition of the Qld Records listed a larger fish but it was actually <i>L. lemniscatus</i> .
W	-	The common names of these two species often cause confusion.
O	0.862 kg	Lyle Squire
A	0.862 kg	Lyle Squire

*Lutjanus gibbus* (Forsskal)

J	-	-
W	-	-
O	1.000 kg	Don Norman
A	2.600 kg	Kelvin Rushworth

## BLUE SMALL-TOOTHED JOBFISH

-	-	-
-	-	-
CUA	27/10/10	Pearl Reef
Qld	27/10/10	Pearl Reef, Qld

## RUSTY SMALL-TOOTHED JOBFISH

-	-	-
-	-	-
TSC	20/9/13	Farraday Shoals, North Qld
Qld	20/9/13	Farraday Shoals, Qld

## GREEN JOBFISH

BSC	6/12/02	Kenn Reef, Coral Sea
SCS	22/2/13	Lena Reef, Ribbons
BSC	24/9/20	Lady Musgrave Island, Bunker Group
NSW	21/2/14	Elizabeth Reef, Coral Sea

## RED-BELLIED FUSILIER

BSC	15/6/02	Polmaise Reef, Capricorn Group
TGCFD	1/1/19	North West Island, Capricorn Group
MBBC	17/12/95	Flinders Reef, off Moreton Island, S.E. Qld
MBBC	22/5/08	Hutchinsons Shoal, off Moreton Island, S.E. Qld
NSW	17/12/95	Flinders Reef, Qld
Qld	22/5/08	Hutchinsons Shoal, Qld

## RED HUSSAR

MDUSC	20/12/17	Broomfield Reef, Capricorn Group
UAC	7/1/96	North West Island, Capricorn Group
Sub.	22/5/09	Capricorn Group
Qld	22/5/09	Capricorn Group, Qld

## MANGROVE JACK, RED BREAM

TGCFD	3/11/99	Outer Gneerings, Sunshine Coast
TGCFD	2/3/09	Lady Musgrave Island, Bunker Group
BSC	23/11/07	off Bundaberg
Qld	23/11/07	Bundaberg, Qld

## RED BASS, KELP SEA PERCH

BSC	7/1/02	Broomfield Reef, Capricorn Group
-	-	-
UAC	22/6/98	Bill's Reef, Swains
WA	29/6/72	Cabbadaman Passage, WA

## STRIPEY, STRIPED SEA PERCH

MDUSC	24/12/01	Square Reef
BSC	11/6/17	south of 4 Mile, Bundaberg Coast
UAC	28/4/10	coffee rocks off Moreton Island, S.E. Qld
Qld	28/4/10	Coffee Rock, Moreton Island, Qld

## CRIMSON SEA PERCH, SMALL-MOUTH NANNYGAI

THRAC	19/12/87	Warregoe Shoal
CUA	19/7/20	Howie Reef
UAC	2/12/06	Rock Cod Shoal, off Gladstone
Qld	2/12/06	Rock Cod Shoal, Qld

## BLACK-SPOT SEA PERCH

TGCFD	1.1.19	North West Island, Capricorn Group
MDUSC	13/5/67	-
TGCFD	1.1.19	North West Island, Capricorn Group

## BLACK-TAIL SEA PERCH

CUA	22/2/76	Channel Reef
Qld	22/2/76	Channel Reef, Qld

## PADDLE-TAIL SEA PERCH

-	-	-
-	-	-
UAC	14/11/84	Pandora Cay
WA	8/6/18	Moresby Bank, WA



**BLUE-LINED SEA BREAM, SAILFIN SNAPPER**  
*Symphorichthys spilurus*



**ORANGE-SPOTTED SEA PERCH**  
*Lutjanus lemniscatus*

Confusion with the two species below as both have been called Dark-Tailed Sea Perch.

orange spots

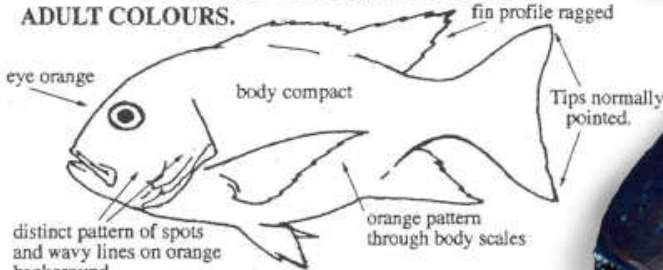
**BLACK-TAIL SEA PERCH**  
*Lutjanus fulvus*



yellow fins

**MACOLOR SEA PERCH**

**ADULT COLOURS.**



distinct pattern of spots and wavy lines on orange background

gill rakers 109-122

**BLACK & GOLD SEA PERCH**  
*Macolor macularis*

fin profile shows "spike" part way along

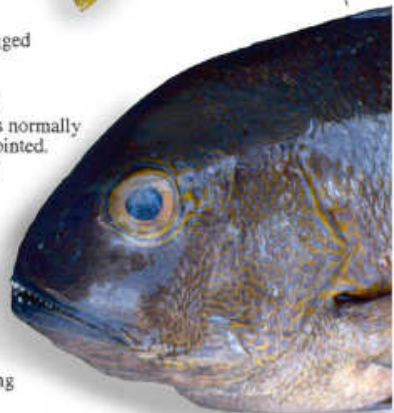
eye dark to yellowish

body usually normal but may be compact

Tips suddenly pointed.

generally black face, but may have orange background and faint blue squiggly lines

**BLACK SEA PERCH**  
*Macolor niger*  
gill rakers 89 - 108



*Macolor macularis*

**Lutjanus johnii (Bloch)**

J	8.860 kg	Blain Morgan
W	12.000 kg	Ethel Everett
O	12.000 kg	Ethel Everett
A	12.000 kg	Ethel Everett

**Lutjanus lemniscatus (Valenciennes)**

J	2.650 kg	Marcus Dorfstatter
W	3.000 kg	Erin McGinty
O	3.880 kg	Ian Brown
A	3.880 kg	Ian Brown

**Lutjanus malabaricus (Bloch & Schneider)**

J	7.180 kg	Blain Morgan
W	6.650 kg	Erin McGinty
O	13.585 kg	Tim McDonald
A	13.585 kg	Tim McDonald

**Lutjanus monostigma (Cuvier)**

J	-	-
W	-	-
O	2.500 kg	Ray Oakey
A	3.063 kg	Barry Paxman

**Lutjanus rivulatus (Cuvier)**

J	10.000 kg	Michael N. Saunders
W	6.550 kg	Jessica Schafer
O	16.500 kg	Gareth Lowe
A	17.250 kg	David Lewington

**Lutjanus russellii (Bleeker)**

J	1.050 kg	Daniel Russell
W	0.625 kg	Kahlee Andrews
O	2.580 kg	Andrew Sprenger
A	2.580 kg	Andrew Sprenger

**Lutjanus sebae (Cuvier)**

J	7.800 kg	Michael N. Saunders
W	7.880 kg	Nikki Watt
O	17.760 kg	Andrew Bateman
A	17.760 kg	Andrew Bateman

**Lutjanus vitta (Quoy & Gaimard)**

J	-	-
W	-	-
O	0.753 kg	Brendan Whalley
A	0.753 kg	Brendan Whalley

**Macolor macularis (Fowler)**

J	3.300 kg	Ryan Springall
W	-	-
O	3.300 kg	Ryan Springall
A	5.100 kg	Jake Poad

**Macolor niger (Forsskal)**

J	5.100 kg	Ryan Springall
W	-	-
O	5.500 kg	Ralph Whalley
A	5.500 kg	Ralph Whalley

**Paracaesio xanthurus (Bleeker)**

J	-	-
W	0.730 kg	Jennifer Budworth
O	0.820 kg	Greg Hunt
A	1.372 kg	David Birch

**Symphoricthys spilargus (Gunter)**

J	5.800 kg	Ryan Springall
W	-	-
O	8.300 kg	Michael N. Saunders
A	8.300 kg	Michael N. Saunders

**Symphorus nematophorus (Bleeker)**

J	4.200 kg	Ryan Springall
W	-	-
O	17.220 kg	Robert McComb
A	17.220 kg	Robert McComb

**GOLDEN SNAPPER, FINGERMARK, SPOTTED-SCALE SEA PERCH**

TSC	3/1/03	Earlando Bay
MDUSC	8/7/84	Green Island
MDUSC	8/7/84	Green Island
Qld	8/7/84	Green Island, Qld

**ORANGE-SPOTTED SEA PERCH, DARK-TAILED SEA PERCH**

Vic.	21/11/15	Bramble Reef
CUA	8/8/20	Batt Reef
THRAC	25/9/99	Lamont Reef, Bunker Group
Qld	25/9/99	Lamont Reef, Qld

**SADDLE-TAIL SEA PERCH, LARGE-MOUTH NANNYGAI**

TSC	10/1/03	Rat Ray Island
CUA	20/8/20	wreck off Cairns
TGCFD	27/9/16	Tillarook, Rock Cod Shoal
NSW	27/9/16	Rock Cod Shoal, WA

**ONE-SPOT SEA PERCH**

-	-	-
MBBC	14/12/82	Broomfield Reef, Capricorn Group
WA	7/8/72	Exmouth, WA

**MAORI SEA PERCH**

BSC	2/12/02	Wreck Reef, Coral Sea
UAC	22/12/18	Ribbon No. 8 Reef
TGCFD	8/11/11	Wreck Reef, Coral Sea
WA	28/11/16	Exmouth, WA

**MOSES PERCH**

MDUSC	20/12/17	Broomfield Reef, Capricorn Group
SCS	13/4/11	Sevens Reef, Stradbroke Island, S.E. Qld
UAC	6/1/06	south of 9 Mile Reef, Tweed Coast
Qld	6/1/06	9 Mile Reef, NSW

**RED EMPEROR**

UAC	31/12/99	North West Flats, Capricorn Group
TSC	3/8/13	Otter Reef, off Hinchinbrook
TGCFD	29/3/16	Fraser Island
Qld	29/3/16	Fraser Island, Qld

**YELLOW HUSSAR**

-	-	-
BSC	27/11/09	Fitzroy Reef, Bunker Group
Qld	27/11/09	Fitzroy Reef, Qld

**BLACK & GOLD SEA PERCH**

TGCFD	14/9/00	Flinders Reef, Coral Sea
-	-	-
TGCFD	14/9/00	Flinders Reef, Coral Sea
WA	3/2/20	Christmas Island, WA

**BLACK SEA PERCH, BLACK & WHITE SEA PERCH**

TGCFD	6/9/00	Diamond Island, Coral Sea
-	-	-
BSC	24/10/01	Sandy Cape Shoals, off Fraser Island
Qld	24/10/01	Sandy Cape Shoals, Qld

**BLUE & GOLD FUSILIER, SOUTHERN FUSILIER**

-	-	-
TGCFD	19/11/16	Hutchisons Shoal, off Moreton Island, S.E. Qld
MBBC	13/6/94	Flinders Reef, off Moreton Island, S.E. Qld
NSW	2/8/96	Black Rock, NSW

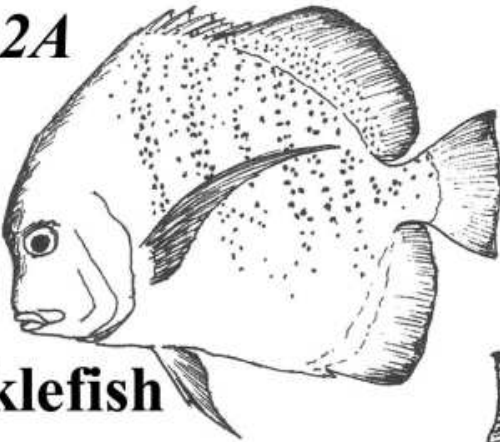
**BLUE-LINED SEA BREAM, SAILFIN SNAPPER**

TGCFD	20/9/99	-
-	-	-
UAC	29/10/15	Otter Reef, off Hinchinbrook
Qld	29/10/15	Otter Reef, Qld

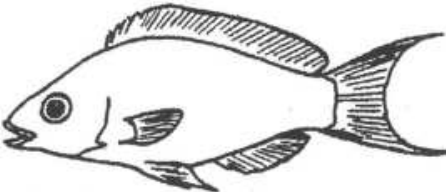
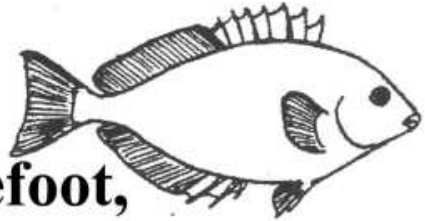
**CHINAMAN FISH**

TGCFD	7/7/00	Lady Musgrave Island, Bunker Group
-	-	-
NSW	1/5/97	Fitzroy Reef, Bunker Group
NSW	1/5/97	Fitzroy Reef, Qld

**Sicklefish**



**Spinefoot,  
Happy Moments**

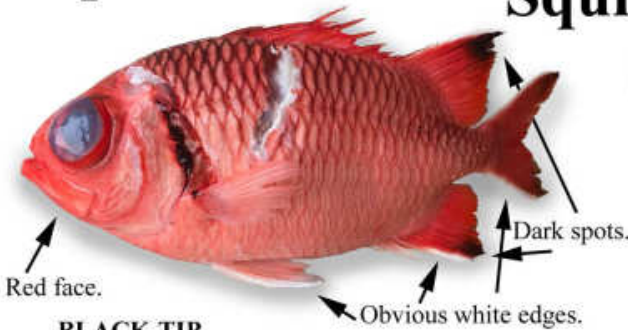


**Spinecheek**

**Squirrelfish &  
Soldierfish**

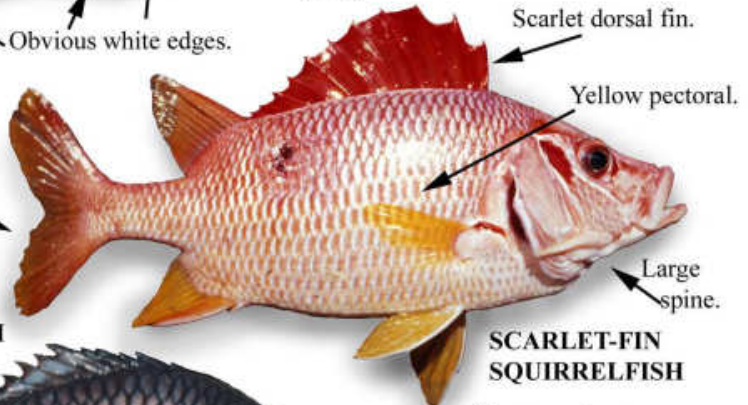
The three in our records shown.

Many species, some difficult to identify - keep the fish until the claim is accepted. Squirrelfish have a very large spine on the cheek, soldierfish don't.



**BLACK-TIP SOLDIERFISH**

*Myripristis botche*



**SCARLET-FIN SQUIRRELFISH**

*Sargocentron spiniferum*



**SHADOW-FIN SOLDIERFISH**

*Myripristis adusta*

Not very red body.



Dark/dusky edge to fins.

**SICKLE FISH DREPANEIDAE*****Drepane punctata* (Linnaeus)**

J	-	-
W	-	-
O	1.758 kg	Graham Lowe
A	1.758 kg	Graham Lowe

**SICKLE FISH**

-	-	-
BSC	26/7/69	4 Mile Reef, Bundaberg Coast
Qld	26/7/69	4 Mile Reef, Qld

**SPINECHEEK, MONOCLE BREAM NEMIPTERIDAE*****Scolopsis monogramma* (Cuvier)**

J	-	-
W	0.550 kg	Kerrie Licastro
O	0.709 kg	R. Smith
A	0.900 kg	Kelvin Rushworth

**BAR-FACED SPINECHEEK, RAINBOW MONOCLE BREAM**

-	-	-
UAC	2/1/94	North West Island, Capricorn Group
NSW	12/65	Maroochydoore, Sunshine Coast
WA	31/6/17	Shark Bay, WA

**SPINEFOOT, HAPPY MOMENTS SIGANIDAE*****Siganus argenteus* (Quoy & Gaimard)**

J	1.097 kg	Jayne-Lee Neilsen
W	1.097 kg	Jayne-Lee Neilsen
O	1.750 kg	Michael McDade
A	1.750 kg	Michael McDade

**SMALL-SPOTTED SPINEFOOT**

UAC	8/12/08	Marion Reef, Coral Sea
UAC	8/12/08	Marion Reef, Coral Sea
UAC	23/5/93	Flinders Reef, off Moreton Island, S.E. Qld
Qld	23/5/93	Flinders Reef, Qld

***Siganus fuscescens* (Houttuyn)**

J	-	-
W	-	-
O	1.000 kg	Jeff Muskett
A	1.050 kg	T. Gordon

**BLACK SPINEFOOT**

-	-	-
UAC	4/10/98	Kingscliff Reef, Tweed Coast
NSW	3/1/81	Woolgoolga, NSW

***Siganus javus* (Linnaeus)**

J	0.736 kg	Lyle Turner
W	-	-
O	1.660 kg	John Robinson
A	1.660 kg	John Robinson

**DARK-TAIL SPINEFOOT, JAVA SPINEFOOT**

TSC	5/11/97	Magnetic Island
-	-	-
TSC	7/9/97	Albino Rock, off Palm Island
Qld	7/9/97	Albino Rock, Qld

***Siganus lineatus* (Valenciennes)**

J	1.626 kg	Lyle Turner
W	1.500 kg	Celeste Greinke
O	1.800 kg	Ian Puckeridge
A	1.800 kg	Ian Puckeridge

**GOLDEN-LINED SPINEFOOT**

TSC	27/7/97	Lodestone Reef, off Townsville
UAC	30/12/09	North West Island, Capricorn Group
NSW	9/1/95	Centipede Reef, off Townsville
NSW	9/1/95	Centipede Reef, Qld

***Siganus puellus* (Schlegel)**

J	-	-
W	-	-
O	0.780 kg	Michael McDade
A	0.780 kg	Michael McDade

**MASKED SPINEFOOT**

-	-	-
UAC	29/12/05	Broomfield Reef, Capricorn Group
Qld	29/12/05	Broomfield Reef, Qld

***Siganus punctatus* (Bleeker)**

J	1.070 kg	Jayne-Lee Neilsen
W	1.070 kg	Jayne-Lee Neilsen
O	1.780 kg	Michael McDade
A	1.814 kg	Robert Muir

**GOLD-SPOTTED SPINEFOOT**

UAC	2/12/08	Marion Reef, Coral Sea
UAC	2/12/08	Marion Reef, Coral Sea
UAC	11/7/00	Saumarez Reef, Coral Sea
WA	27/8/72	Exmouth, WA

**SQUIRRELFISH HOLOCENTRIDAE*****Myripristis adusta* (Bleeker)**

J	-	-
W	-	-
O	0.770 kg	Greg Hunt
A	0.770 kg	Greg Hunt

**SHADOW-FIN SOLDIERFISH**

-	-	-
MBBC	25/10/99	Bugatti Reef, off Mackay
Qld	25/10/99	Bugatti Reef, Qld

***Myripristis botche* Cuvier**

J	-	-
W	-	-
O	0.600 kg	Trevor Ketchion
A	0.600 kg	Trevor Ketchion

**BLACK-TIP SOLDIERFISH**

-	-	-
TGCFD	16/4/20	Nth Stradbroke Reefs, S.E. Qld
Qld	16/4/20	Nth Stradbroke Reefs, Qld

***Sargocentron spiniferum* (Forsskal)**

J	0.540 kg	Michael N. Saunders
W	-	-
O	1.650 kg	Michael J. Saunders
A	1.650 kg	Michael J. Saunders

**SCARLET-FIN SQUIRRELFISH**

BSC	6/1/00	Broomfield Reef, Capricorn Group
-	-	-
BSC	27/11/99	Wreck Reef, Coral Sea
Qld	27/11/99	Wreck Reef, Qld

# STARGAZER

A couple of species live in areas where they may be encountered by spearos. Keep the fish until the record is passed.

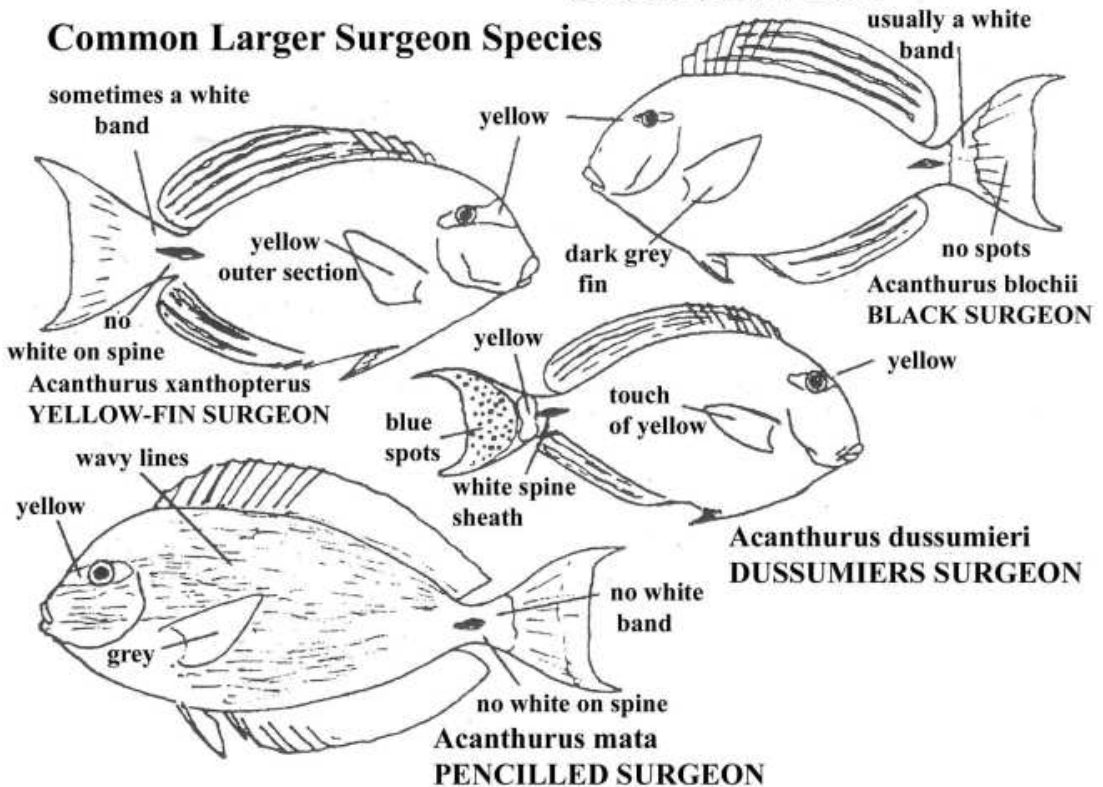


# SUCKERFISH

Slender Suckerfish appear very much like a young cobia. Various species of remora are hard to identify from a photo... if a remora is being claimed keep the fish.

# SURGEON

## Common Larger Surgeon Species





**STARGAZER***Ichthyoscopus sannaio* Whitley

J	-	-
W	-	-
O	6.340 kg	Greg Smith
A	6.340 kg	Greg Smith

**SUCKERFISH***Echeneis naucrates* Linnaeus

J	1.200 kg	Darcey Davey
W	-	-
O	3.300 kg	Michael Greinke
A	3.300 kg	Michael Greinke

**SURGEONS & UNICORNS***Acanthurus bariene* (Lesson)

J	-	-
W	-	-
O	2.183 kg	Mel Brown
A	2.183 kg	Mel Brown

*Acanthurus blochii* Valenciennes

J	-	-
W	2.150 kg	Lyn Powell
O	2.150 kg	Lyn Powell
A	2.150 kg	Lyn Powell

*Acanthurus dussumieri* (Valenciennes)

J	1.400 kg	Leeland Greinke
W	-	-
O	3.100 kg	Gerry Hill
A	5.443 kg	Robert Muir

*Acanthurus mata* (Cuvier & Valenciennes)

J	3.050 kg	Kirsten Kopittke
W	3.050 kg	Kirsten Kopittke
O	3.900 kg	Tim Neilsen
A	3.900 kg	Tim Neilsen

*Acanthurus nigricauda* (Forsskal)

J	-	-
W	-	-
O	0.580 kg	Michael McDade
A	0.580 kg	Michael McDade

*Acanthurus olivaceus* Gunther

J	-	-
W	-	-
O	1.984 kg	Wally Gibbins
A	1.984 kg	Wally Gibbins

*Acanthurus xanthopterus* Valenciennes

J	2.610 kg	Michael N. Saunders
W	-	-
O	4.082 kg	Jeffrey Hall
A	5.500 kg	J. Pentland

*Naso annulatus* (Quoy & Gaimard)

J	3.090 kg	Michael N. Saunders
W	-	-
O	3.350 kg	Dave Stubberfield
tie	3.400 kg	Adam Smith
A	5.750 kg	Ian Puckeridge

*Naso brachycentron* (Valenciennes)

J	-	-
W	3.400 kg	Mary-Ann Stacey
O	3.400 kg	Mary-Ann Stacey
A	3.400 kg	Mary-Ann Stacey

*Naso brevirostris* (Valenciennes)

J	-	-
W	-	-
O	1.950 kg	Barry Funnell
A	1.950 kg	Barry Funnell

**URANOSCOPIDAE****SPOTTED STARGAZER, NORTHERN STARGAZER**

THRAC	4/8/92	Kingscliff Reef, Tweed Coast
NSW	4/8/92	Kingscliff Reef, NSW

**ECHENEIDAE****SLENDER SUCKERFISH**

BSC	30/12/01	North West Island, Capricorn Group
CSC	23/11/86	Barren Island, Keppel Group
Qld	23/11/86	Barren Island, Qld

**ACANTHURIDAE****EYE-SPOT SURGEON, BLACK-SPOT SURGEON**

NSW	19/10/67	Michaelmas Reef
NSW	19/10/67	Michaelmas Reef, Qld

**DARK SURGEON, BLACK SURGEON**

NSW	6/1/95	Grub Reef, off Townsville
NSW	6/1/95	Grub Reef, off Townsville
NSW	6/1/95	Grub Reef, Qld

**SPOTTED-TAIL SURGEON, WHITE-SPINE SURGEON**

UAC	24/9/10	Charity Reef
MDUSC	17/4/81	Moore Reef
WA	29/6/72	Ningaloo, WA

**PENCILLED SURGEON**

UAC	3/1/03	North West Flats, Capricorn Group
UAC	3/1/03	North West Flats, Capricorn Group
UAC	5/12/97	Lamont Reef, Bunker Group
Qld	5/12/97	Lamont Reef, Qld

**BLACK-BARRED SURGEON**

UAC	29/12/05	Broomfield Reef, Capricorn Group
Qld	29/12/05	Broomfield Reef, Qld

**ORANGE-BAR SURGEON**

NSW	/65	Australian Titles, Maroochydore, S.E. Qld
NSW	/65	Maroochydore, Qld

**YELLOW-FIN SURGEON, YELLOW-MASK or RING-TAIL SURGEON**

UAC	30/12/99	Broomfield Reef, Capricorn Group
BSC	23/1/72	Lady Musgrave Island, Bunker Group
WA	20/6/11	Murion Island, WA

**SAWTAIL UNICORN, GREY UNICORN, RING-TAIL UNICORN**

BSC	7.1.02	Broomfield Reef, Capricorn Group
BSC	4/4/80	Polmaise Reef, Capricorn Group
TSC	10/12/06	Maron Reef, Coral Sea
NSW	18/11/97	Wreck Reef, Qld

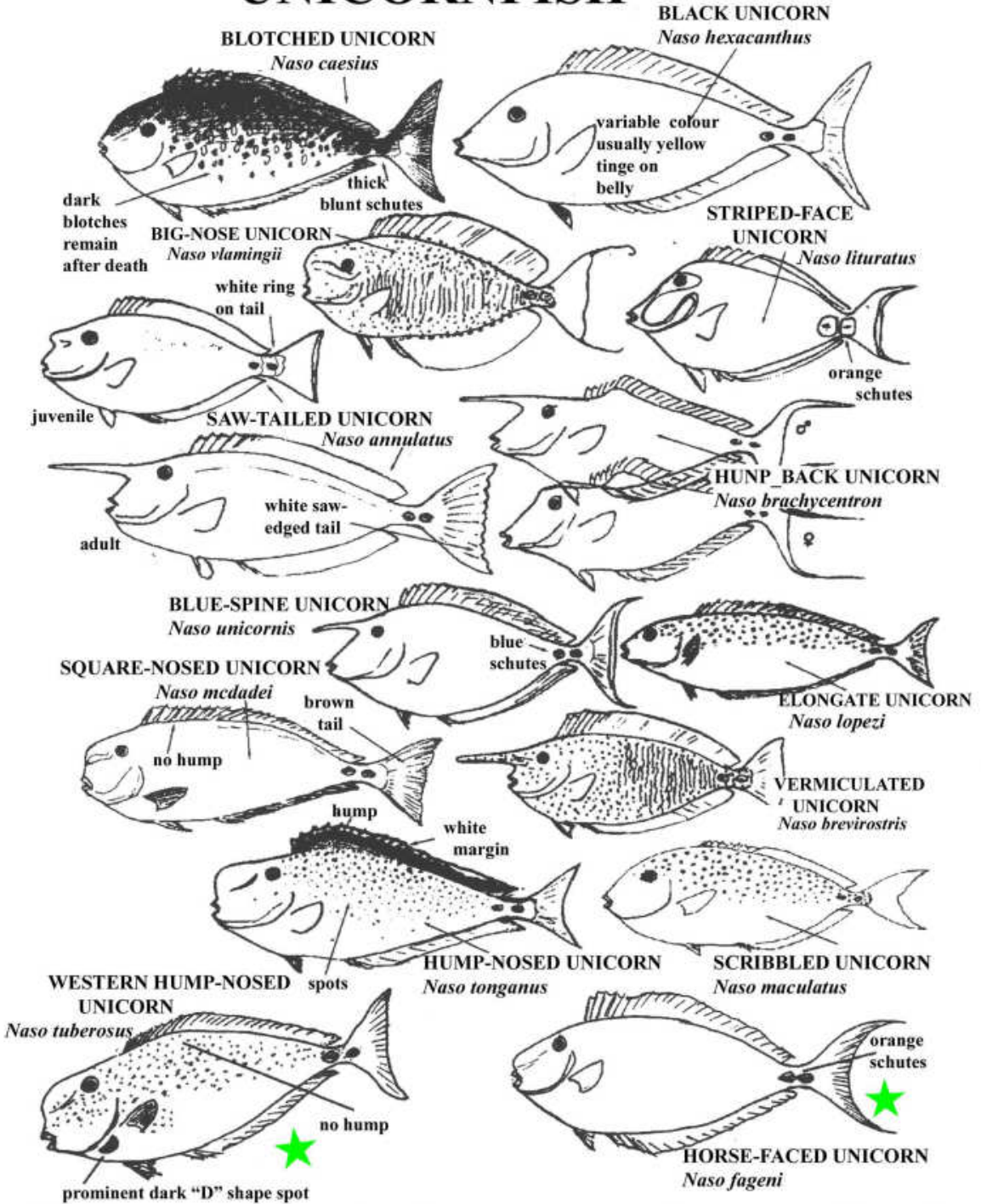
**HUMPBACK UNICORN**

SA	1/12/88	off Cairns
SA	1/12/88	off Cairns
SA	1/12/88	off Cairns, Qld

**VERMICULATED UNICORN, PALE-TAIL or SHORT-SNOUDED UNICORN**

THRAC	13/11/94	Flinders Reef, off Moreton Island, S.E. Qld
Qld	13/11/94	Flinders Reef, Qld

# UNICORNFISH



Unicornfish can usually be identified from a good photo. *N. maculatus* is an uncommonly caught temperate, deep water fish. It was a while after the first fish was taken to the Museum before we supplied them some more specimens. *N. lopezi* is uncommon and found on deep-water drop-offs. *N. brachycentron* in our records is a fish originally misidentified from an early title, but is common north of Cairns. *N. caesius* is a common fish of Coral Sea reefs. *N. mcdadei* is one we brought to the attention of the Museum. Their investigation sorted the complex, with a new species, *N. mcdadei*, a wide-spread, though uncommon fish of deep-water pinnacles, *N. tonganus* the common east-coast species, and *N. tuberosus* which is an Indian Ocean species. *N. fageni* has been recorded from north-western Australia and could be found here.

***Naso caesius* Randall & Bell**

J	1.910 kg	Kate Saunders
W	1.910 kg	Kate Saunders
O	5.800 kg	Greg Pickering
A	5.800 kg	Greg Pickering

***Naso hexacanthus* (Bleeker)**

J	1.560 kg	Michael N. Saunders
W	1.300 kg	Kerrie Licastro
O	2.650 kg	Greg Hunt
A	2.650 kg	Greg Hunt

***Naso lituratus* (Bloch & Schneider)**

J	1.120 kg	Leeland Greinke
W	-	-
O	1.120 kg	Leeland Greinke
A	1.588 kg	Robert Muir

***Nasolopezi* Herre**

J	-	-
W	-	-
O	1.800 kg	Adam Smith
A	3.400 kg	J. Harrison

***Naso maculatus* Randall & Struhsaker**

J	-	-
W	-	-
O	1.600 kg	Michael McDade
A	1.600 kg	Michael McDade

***Nasomcdadei* Johnson**

J	-	-
W	5.100 kg	Melissa Emery
O	5.100 kg	Melissa Emery
A	5.100 kg	Melissa Emery

***Nasotonganus* (Valenciennes)**

J	2.500 kg	Michael N. Saunders
O	2.466 kg	Martin Turner
tie	2.500 kg	Michael N. Saunders
A	3.400 kg	G. Brooke

***Nasouicornis* (Forsskal)**

J	3.572 kg	Lyle Turner
W	2.580 kg	Kate Saunders
O	3.600 kg	Graeme Boyle
A	6.010 kg	Barry Paxman

***Nasovlamingii* (Valenciennes)**

J	-	-
W	-	-
O	1.580 kg	Adam Smith
A	1.600 kg	M. McElhone

***Paracanthurus hepatus* (Linnaeus)**

J	-	-
W	-	-
O	0.625 kg	Dave Stubberfield
A	0.625 kg	Dave Stubberfield

***Prionurus maculatus* (Ogilby)**

J	4.100 kg	Ryan Springall
W	3.700 kg	Bev Hitchener
O	5.200 kg	Greg Hunt
tie	5.270 kg	Keiran Limpus
A	5.188 kg	C. Boomer
tie	5.200 kg	Greg Hunt
tie	5.270 kg	Keiran Limpus

***Prionurus microlepidotus* Lacepede**

J	3.740 kg	Michael N. Saunders
W	2.640 kg	Jennifer Budworth
O	10.433 kg	Glen Hartwig
A	10.433 kg	Glen Hartwig

**BLOTCHED UNICORN**

UAC	29/12/05	Broomfield Reef, Capricorn Group
UAC	29/12/05	Broomfield Reef, Capricorn Group
WA	24/5/95	Kenn Reef, Coral Sea
WA	24/5/95	Kenn Reef, Qld

**BLACK UNICORN**

BSC	7/1/02	Broomfield Reef, Capricorn Group
UAC	13/11/94	Flinders Reef, off Moreton Island, S.E. Qld
MBBC	12.6.93	Flinders Reef, off Moreton Island, S.E. Qld
Qld	12/6/93	Flinders Reef, Qld

**STRIPED-FACE UNICORN, CLOWN UNICORN**

UAC	12/12/09	Myall Island, Keppel Group
-	-	-
UAC	12/12/09	Myall Island, Keppel Group
WA	28/6/72	Ningaloo, WA

**ELONGATE UNICORN**

-	-	-
-	-	-
TSC	24/11/09	Holmes Reef, off Townsville
NSW	19/11/97	Kato Reef, Coral Sea

**SCRIBBLED UNICORN, SPOTTED UNICORN**

-	-	-
-	-	-
UAC	16/2/97	Flat Rock, off Stradbroke Island, S.E. Qld
Qld	16/2/97	Flat Rock, Qld

**SQUARE-NOSE UNICORN**

-	-	-
TGCFD	25/4/02	Flat Rock, off Stradbroke Island, S.E. Qld
TGCFD	25/4/02	Flat Rock, off Stradbroke Island, S.E. Qld
Qld	25/4/02	Flat Rock, Qld

**EASTERN HUMP-NOSE UNICORN**

BSC	2/12/02	Wreck Reef, Coral Sea
MISC	17/2/73	Bowl Reef
BSC	2/12/02	Wreck Reef, Coral Sea
NSW	16/11/97	Cato Reef, Qld

**BLUE-SPINE UNICORN, BROWN UNICORN**

TSC	9/9/97	Magnetic Island
UAC	26/12/02	North West Island, Capricorn group
CSC	17/9/83	Middle Island, Keppel Group
WA	27/6/72	Cabbadaman Passage, WA

**BIG-NOSE UNICORN, VLAMING'S UNICORN**

-	-	-
-	-	-
TSC	15/12/07	Jenny Louise Shoal
NSW	4/12/92	Broughton Island, NSW

**FLAG-TAIL SURGEON, BLUE TANG**

-	-	-
-	-	-
BSC	2/6/73	Lamont Reef, Bunker Group
Qld	2/6/73	Lamont Reef, Qld

**GOLD-SPOTTED SAWTAIL**

TGCFD	11/12/00	Hutchisons Shoal, off Moreton Island, S.E. Qld
UAC	3/9/78	Flinders Reef, off Moreton Island, S.E. Qld
MBBC	8/3/11	Hutchisons Shoal, off Moreton Island, S.E. Qld
TGCFD	10/12/19	9 Mile Reef, Tweed Coast, NSW
NSW	25/9/67	Coffs Harbour, NSW
Qld	8/3/11	Hutchisons Shoal, Qld
TGCFD	10/12/19	9 Mile Reef, Tweed Coast, NSW

**GREY SAWTAIL, SAWTAIL SURGEON**

UAC	29/12/99	North West Island, Capricorn Group
TGCFD	14/6/15	9 Mile Reef, Tweed Coast
BSC	5/10/68	Fairfax Island, Bunker Group
Qld	5/10/68	Fairfax Island, Qld

# TAILOR

Easily identified.



# THREADFIN SALMON

Two threadfins on our sheets are not likely to be mixed up. King Threadfin have 5 threads which reach anus. Blue Salmon have 3-4 threads that don't reach anus. (There are smaller threadfin species which might be encountered.)



short

**BLUE THREADFIN SALMON**  
*Eleutheronema tetradactylum*



cast

**KING SALMON THREADFIN**

*Polydactylus macrochir*

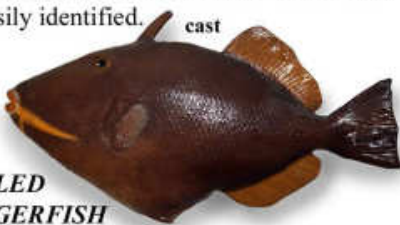
# TILAPIA

long threads

Tilapia are an introduced feral species. It enters estuarine habitats in some areas. It can be claimed for spearfishing records if it is legal to spearfish in the area, but can't be claimed from freshwater habitats.

# TRIGGERFISH

Easily identified.



**BRIDLED TRIGGERFISH**

*Sufflamen frenatus*

# TRIPLETAIL



cast

*Lobotes surinamensis*



5.8 kg Tripletail  
Emily Patch  
shipping channel  
Weipa

***Zebrasoma veliferum* (Bloch)**

J	0.700 kg	Leeland Greinke
W	-	-
O	1.550 kg	William Kersey
A	1.550 kg	William Kersey

**PURPLE-FINNED SAIL-FIN TANG**

UAC	23/9/10	Charity Reef
-	-	-
MDUSC	5/9/82	Penrith Island
Qld	5/9/82	Penrith Island

**TAILOR *POMATOMIDAE******Pomatomus saltatrix***

J	1.560 kg	Michael N. Saunders
W	0.530 kg	Jennifer Budworth
O	6.500 kg	Jeff Muskett
A	10.206 kg	G. Budden

**TAILOR, CHOPPER, BLUEFISH**

BSC	14/11/99	Coonar, Bundaberg Coast
TGCFD	11/10/17	Tweed River, Tweed Coast
UAC	26/4/98	Kingscliff Reef, Tweed Coast
NSW	11/6/84	Fingal Bay, NSW

**THREADFIN SALMON *POLYNEMIDAE******Eleutheronema tetradactylum* (Shaw)**

J	-	-
W	-	-
O	6.700 kg	Tim McDonald
A	6.700 kg	Tim McDonald

**BLUE THREADFIN SALMON**

-	-	-
-	-	-
TGCFD	27/7/11	Yeppoon
Qld	27/7/11	Yeppoon, Qld

***Polydactylus macrochir* (Günther)**

J	-	-
W	-	-
O	11.200 kg	Ralph Whalley
A	11.200 kg	Ralph Whalley

**KING THREADFIN SALMON**

-	-	-
-	-	-
BSC	21/6/03	Bundaberg
Qld	21/6/03	Bundaberg, Qld

**TILAPIA *CICHLIDAE******Oreochromis mossambicus* (Peters)**

J	-	-
W	-	-
O	1.020 kg	Duncan Limpus
A	1.020 kg	Duncan Limpus

**TILAPIA**

-	-	-
-	-	-
BSC	6/11/16	Cabbage Tree Creek, Moreton Bay
Qld	6/11/16	Cabbage Tree Creek, Qld

**TRIGGERFISH *BALISTIDAE******Balistoides conspicillum* (Schneider)**

J	-	-
W	-	-
O	0.737 kg	Wally Gibbins
A	1.050 kg	T. Gordon

**BIG-SPOTTED TRIGGERFISH, CLOWN TRIGGERFISH**

-	-	-
-	-	-
NSW	/65	Australian Titles, Maroochydore, Sunshine Coast
NSW	3/1/81	Woolgoolga, NSW

***Balistoides viridescens* (Bloch & Schneider)**

J	-	-
W	-	-
O	0.879 kg	B. McKenna
A	3.250 kg	Robert Muir

**TITAN TRIGGERFISH, BLUE-FINNED TRIGGERFISH**

-	-	-
-	-	-
NSW	/65	Australian Titles, Maroochydore, Sunshine Coast
WA	28/8/77	Rottneest Island, WA

***Pseudobalistes flavimarginatus* (Ruppell)**

J	-	-
W	-	-
O	3.500 kg	Lyle Squire
A	3.500 kg	Lyle Squire

**YELLOW-MARGIN TRIGGERFISH, GREEN TRIGGERFISH**

-	-	-
-	-	-
CUA	16/11/75	No. 10 Ribbon Reef
Qld	16/11/75	No. 10 Ribbon Reef, Qld

***Sufflamen frenatus* (Latrielle)**

J	-	-
W	-	-
O	0.595 kg	T. Adams
A	0.794 kg	D. Stenhouse

**BRIDLED TRIGGERFISH, BROWN TRIGGERFISH**

-	-	-
-	-	-
WA	/65	Australian Titles, Maroochydore, Sunshine Coast
NSW	14/6/70	Wooli, NSW

**TRIPLETAIL *LOBOTIDAE******Lobotes surinamensis* (Bloch)**

J	-	-
W	5.800 kg	Emily Patch
O	11.400 kg	Gerald Hill
A	11.400 kg	Gerald Hill

**TRIPLETAIL, JUMPING COD**

-	-	-
-	-	-
CUA	29/2/20	Shipping Channel pylon, Weipa
MDUSC	27/12/80	Wonga Beach
Qld	27/12/80	Wonga Beach, Qld

# TRUMPETER

**BASTARD TRUMPETER**

*Latridopsis forsteri*

A waif with only one ever speared in Qld.



# TRUMPETFISH



Easily identified. There is a bright yellow colour morph.

**WHITING - Genus *Sillago***

There are two large whiting caught along the Qld coast.

**Sand or Yellowfin Whiting (*Sillago ciliata*)**

To 55 cm. A dark spot at pectoral fin base. Body colour uniform, First dorsal spine shorter than second spine.

**Golden-Lined Whiting (*Sillago analis*)** ★

To 50 cm. No dark spot at pectoral fin base. Dusky golden band along sides. First dorsal spine longer than second spine.

# WHITING



# WOLF HERRING

**Black-tip Wolf-Herring *Chirocentrus dorab*...** may have dark tip on dorsal. Pectoral 11-13% of SL.  
**White-fin Wolf-Herring *Chirocentrus nudus*...** Pectoral 13-18% of SL. ★

The two species of wolf herring are very hard to identify. Both species across the north and the Gulf, but only *C. dorab* regarded as occurring on the East coast. Photo from side showing pectoral and other fins. Keep fish till record passed.

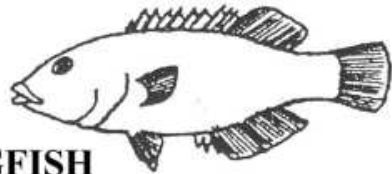
# WRASSE

The Blue Groper is now recognized as an Eastern and a Western species (with the Western growing much larger.)

**Eastern Blue Groper...** *Achoerodus viridis*

**Western Blue Groper...** *Achoerodus gouldii*

They can be speared in W.A. and Qld, but not in N.S.W. (although they can be caught on line in N.S.W.)



# PIGFISH

A large genus (*Bodianus*) with a number of species.

**BLACK-FIN PIGFISH**

*Bodianus loxozonus*



**RED-STREAKED PIGFISH**

*Bodianus bilunulatus*



**FOXFISH**

*Bodianus frenchii*



**TRUMPETER***Latridopsis forsteri* (Castelnau)

J	-	-
W	-	-
O	1.735 kg	Brett Machen
A	4.252 kg	R. Baldwin

**TRUMPETFISH***Aulostomus chinensis* (Linnaeus)

J	1.000 kg	James Springall
W	0.567 kg	Julia Emerson
O	1.000 kg	James Springall
A	1.502 kg	J. Gillies

**WHITING***Sillago ciliata* Cuvier

J	0.590 kg	David McAllister
W	0.510 kg	Jennifer Budworth
O	0.624 kg	Robert Devenish
tie	0.660 kg	Michael McDade
A	1.417 kg	J. Calder

**WOLF HERRING***Chirocentrus dorab* (Forsskal)

J	-	-
W	-	-
O	1.120 kg	Nicholas Launder
A	1.120 kg	Nicholas Launder

**WRASSE, TUSKFISH***Achoerodus viridis* (Steindachner)

J	-	-
W	7.250 kg	Pam Prescott
O	9.299 kg	Ian Elliott
A	19.504 kg	Robert Hatch

*Anampes caeruleopunctatus* Ruppell

J	-	-
W	-	-
O	0.794 kg	G. Budden
A	0.794 kg	G. Budden
tie	0.800 kg	Barry Paxman

*Bodianus bilunulatus* (Lacepede)

J	-	-
W	-	-
O	0.645 kg	Trevor Ketchion
A	1.300 kg	Greg Pickering
tie	1.327 kg	Kelvin Rushworth

*Bodianus frenchii* (Klumzinger)

J	-	-
W	-	-
O	1.400 kg	Ian Brown
A	1.870 kg	R. Hardie

*Bodianus loxozonus* (Snyder)

J	-	-
W	-	-
O	1.200 kg	Geoff Pesut
A	1.200 kg	Geoff Pesut

*Bodianus perditio* (Quoy & Gaimard)

J	3.200 kg	Ryan Springall
W	2.950 kg	Adriana Djurasevich
O	5.120 kg	Greg Smith
A	5.435 kg	Riley Alderson

*Cheilinus fasciatus* (Bloch)

J	-	-
W	-	-
O	1.000 kg	Greg Hunt
A	1.000 kg	Greg Hunt

**LATRIDAE****BASTARD TRUMPETER, SILVER TRUMPETER**

J	-	-
W	-	-
O	5/12/99	Fido Reef, Tweed Coast
NSW	19/9/72	Broughton Island, NSW

**AULOSTOMIDAE****SPINY-BACKED TRUMPETFISH**

TGCFD	27/4/97	Fitzroy Reef, Bunker Group
DC	20/4/69	Kelso Reef
TGCFD	27/4/97	Fitzroy Reef, Bunker Group
NSW	-	-

**SILLAGINIDAE****YELLOW-FIN WHITING, SAND WHITING**

BSC	3/7/09	Elliott River, Bundaberg Coast
TGCFD	29/8/17	Tweed River, Tweed Coast
MS	22/11/65	Maryborough, Hervey Bay
UAC	5/1/07	North West Island, Capricorn Group
NSW	9/10/59	South West Rocks, NSW

**CHIROCENTRIDAE****BLACK-TIP WOLF-HERRING**

J	-	-
W	-	-
SA	15/9/19	Shaw Island, Qld
SA	15/9/19	Shaw Island, Qld

**LABRIDAE > LABRINAE****EASTERN BLUE GROPER**

J	-	-
W	-	-
THUC	16/6/79	Palm Beach Reef, Gold Coast
SCS	4/8/68	Dickey Beach, Sunshine Coast
NSW	30/5/64	Nobbys Head, NSW

**GREEN CHIZEL-TOOTH WRASSE, SPOTTED CHIZEL-TOOTH WRASSE**

J	-	-
W	-	-
NSW	/65	Australian titles, Maroochydoore, Sunshine Coast
NSW	/65	Australian titles, Maroochydoore, Qld
WA	14/2/75	Escape Island, WA

**SADDLE-BACK PIGFISH, RED-STREAKED PIGFISH**

J	-	-
W	-	-
TGCFD	11/2/16	Barwon Banks, S.E. Qld
WA	25/6/90	Red Bluff, WA
WA	10/1/17	Abrolhos Islands, WA

**WESTERN FOXFISH**

J	-	-
W	-	-
TGCFD	10/7/10	Fido Reef, Tweed Coast
WA	26/10/57	-

**BLACK-FIN PIGFISH, BLACK-SADDLED PIGFISH**

J	-	-
W	-	-
TGCFD	21/11/05	Douglas Shoal, off Gladstone
Qld	21/11/05	Douglas Shoal, off Gladstone

**GOLDEN-SPOT PIGFISH**

TGCFD	12/9/99	Outer Gneerings, Sunshine Coast
TGCFD	17/5/09	Fido Reef, Tweed Coast
TGCFD	13/11/02	Sykes Reef, Capricorn Group
Qld	3/10/14	Tweed Heads, NSW

**SCARLET-BREADED MAORI WRASSE**

J	-	-
W	-	-
MBBC	27/4/94	Swain Reefs
Qld	27/4/94	Swain Reefs, Qld

# WRASSE (cont.)



TP ★

**EASTERN  
BLACK-SPOT PIGFISH**  
*Bodianus unimaculatus*



**GOLD-SPOT PIGFISH**  
*Bodianus perditio*

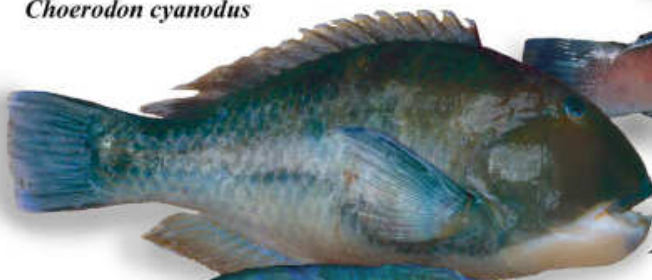


**BLACK WRASSE**  
*Coris aygula*

**GREEN CHIZEL-TOOTH  
WRASSE**  
*Anampses caeruleopunctatus*



**BLUE TUSKFISH**  
*Choerodon cyanodus*



**EASTERN KING WRASSE**  
*Coris sandayeri*  
white chin



spot  
**BLACK-SPOT TUSKFISH**  
*Choerodon schoenleini*



blue chin

**BARRED TUSKFISH**  
*Choerodon graphicus*



**ORANGE-DOTTED TUSKFISH**  
*Choerodon anchorago*



***Cheilinus trilobatus Lacepede***

J	0.640 kg	Kate Saunders
W	0.640 kg	Kate Saunders
O	0.750 kg	Brad Tuck
A	0.750 kg	Brad Tuck

***Cheilinus undulatus Ruppell***

J	27.000 kg	Lyle Squire (Jr)
W	40.372 kg	Betty Hull
O	75.000 kg	Robert McComb
A	75.000 kg	Robert McComb

***Choerodon anchorage (Bloch)***

J	-	-
W	-	-
O	0.800 kg	Lyle Squire
A	0.800 kg	Lyle Squire

***Choerodon cephalotes (Castelnau)***

J	0.650 kg	Leeland Greinke
W	0.845 kg	Jennifer Budworth
O	1.565 kg	Michael Greinke
A	1.565 kg	Michael Greinke

***Choerodon cyanodus (Richardson)***

J	-	-
W	0.600 kg	Kerrie Licastro
O	2.100 kg	Don Norman
A	2.100 kg	Don Norman

***Choerodon graphicus (de Vis)***

J	1.300 kg	Michael N. Saunders
W	1.150 kg	Judy Van Leeuwen
O	2.980 kg	Michael Innocent
A	2.980 kg	Michael Innocent

***Choerodon schoenleini (Cuvier & Valenciennes)***

J	12.600 kg	Ryan Springall
W	14.100 kg	Pam Prescott
O	17.045 kg	Andrew Sprenger
A	17.045 kg	Andrew Sprenger

***Choerodon venustus (de Vis)***

J	2.260 kg	Reece Whalley
W	1.415 kg	Jennifer Budworth
O	6.435 kg	Tim McDonald
A	6.435 kg	Tim McDonald

***Coris aygula Lacepede***

J	3.900 kg	Jase Swain
W	2.200 kg	Ashleigh Schalter
O	4.880 kg	Don Norman
A	6.804 kg	J. Grey

***Coris sandayeri Phillips***

J	-	-
W	-	-
O	0.650 kg	Greg Thomas
A	1.871 kg	R. Montcalm

***Epibulus insidiator (Pallas)***

J	0.769 kg	Daniel Russell
W	-	-
O	1.105 kg	Michael Greinke
A	3.969 kg	J. Grey

***Hemigymnus fasciatus (Bloch)***

J	-	-
W	-	-
O	0.625 kg	Graham White
A	0.625 kg	Graham White

**TRIPLE-TAIL MAORI WRASSE**

UAC	26/12/02	North west Island, Capricorn Group
UAC	26/12/02	North West Island, Capricorn group
UAC	11/1/86	North west Island, Capricorn Group
Qld	11/1/86	North west Island, Qld

**MAORI WRASSE, HUMP-HEADED MAORI WRASSE**

CUA	7/12/88	Batt Reef, off Cairns
CUA	8/11/72	Oyster Reef
NSW	16/11/97	Kato Reef, Coral Sea
NSW	16/11/97	Kato Reef, Coral Sea

**ORANGE-DOTTED TUSKFISH**

-	-	-
-	-	-
CUA	15/3/76	Sudbury Reef
Qld	15/3/76	Sudbury Reef, Qld

**PURPLE TUSKFISH, GRASS PARROT**

UAC	4/7/10	Ross's Reef, North Keppel
TGCFD	30/7/17	Cape Moreton, S.E. Qld
CSC	20/6/93	North Keppel Island, Keppel Group
Qld	20/6/93	North Keppel Island, Qld

**BLUE TUSKFISH**

-	-	-
UAC	21/9/94	North West Island, Capricorn Group
UAC	21/12/82	North West Island, Capricorn Group
Qld	21/12/82	North West Island, Capricorn group

**BARRED TUSKFISH**

BSC	27/12/00	North West Island, Capricorn Group
UAC	7/1/86	North west Island, Capricorn Group
SCFD	11/8/10	Brays Rock, Sunshine Coast
Qld	11/8/10	Brays Rock, Qld

**BLACK-SPOT TUSKFISH**

TGCFD	7/12/00	Moreton Island
THUC	7/1/78	Palm Beach Reef, Gold Coast
UAC	13/5/10	The Group, off Stradbroke Island, S.E. Qld
Qld	13/5/10	The Group, Qld

**VENUS TUSKFISH**

BSC	26/7/20	Evans Rk, Bundaberg Coast
TGCFD	31/12/18	North West Island, Capricorn Group
TGCFD	22/10/20	south of Hutchisons Shoal, off Moreton I., S.E. Qld
Qld	22/10/20	south of Hutchisons Shoal, Qld

**BLACK WRASSE**

TGCFD	16/1/99	Lady Musgrave Island, Bunker Group
NSW	27/11/20	Holmes Reef, Coral Sea
UAC	23/11/74	Fitzroy Reef, Bunker Group
WA	15/4/64	Abrolhos Islands, WA

**EASTERN KING WRASSE**

-	-	-
-	-	-
TGCFD	4/10/98	Kingscliff Reef, Tweed Coast
NSW	-	-

**SLING-JAW WRASSE**

MDUSC	24/9/11	Whitsundays
-	-	-
UAC	10/4/03	Myall Island, Keppel Group
WA	15/4/64	Abrolhos Islands, WA

**FIVE-BARRED THICKLIP**

-	-	-
-	-	-
MBBC	18/3/79	Flinders Reef, S.E. Qld
Qld	18/3/79	Flinders Reef, Qld



**RED & GREEN WRASSE**  
*Thalassoma purpurum*

**FIVE-BARRED THICKLIP**  
*Hemigymnus fasciatus*



**BLACK-EYED THICKLIP**  
*Hemigymnus melapterus*



TP



**CRIMSON-BANDED WRASSE**  
*Notolabrus gymnogenis*

spot



**ONE-SPOT RAZORFISH**  
*Iniistius pavo*



TP

**CRESCENT WRASSE**  
*Hologymnosus annulatus*

There are two species of **Crescent Wrasse**. They should be able to be separated by colour pattern, however, fish from different regions show variation, and misidentifications are causing much confusion, including on-line photos. They also show an initial phase (IP) and a terminal phase (TP).

The second specie is *H. doliatus*.

**WHEN CLAIMING CRESCENT WRASSE KEEP THE FISH.**

***Hemigymnus melapterus (Bloch)***

J	1.050 kg	Craig Robertson
W	0.870 kg	Jennifer Budworth
O	2.000 kg	Brendan Whalley
A	2.000 kg	Brendan Whalley

***Hologymnosus annulatus (Lacepede)***

J	-	-
W	-	-
O	0.645 kg	Brett Gamlin
A	0.645 kg	Brett Gamlin

***Notolabrus gymnogenis (Gunther)***

J	-	-
W	-	-
O	0.700 kg	Michael McDade
A	1.814 kg	R. Montcalm

***Thalassoma purpuraceum (Forsskal)***

J	-	-
W	-	-
O	1.360 kg	Keith Lutz
A	1.360 kg	Keith Lutz

***Iniistius pavo (Valenciennes)***

J	-	-
W	-	-
O	0.750 kg	Michael N. Saunders
A	0.750 kg	Michael N. Saunders

**BLACK-EYED THICKLIP**

UAC	3/1/04	North West Island, Capricorn Group
TGCFD	4/1/19	North West Island, Capricorn group
TSC	14/11/15	Herald Patches
Qld	14/11/15	Herald Patches, Qld

**CRESCENT WRASSE, PALE-TAIL WRASSE**

-	-	-
BSC	21/7/13	Lady Musgrave Island, Bunker Group
Qld	21/7/13	Lady Musgrave Island, Qld

**CRIMSON-BANDED WRASSE**

-	-	-
UAC	30/3/03	Palm Beach Reef, Gold Coast
NSW	/63	Kialoa, NSW

**RED & GREEN WRASSE, SURGE WRASSE**

-	-	-
THRAC	13/6/95	Southport Seaway (outside), Gold Coast
Qld	13/6/95	Southport Seaway, Qld

**ONE-SPOT RAZORFISH**

-	-	-
-	-	-
MDUSC	4/9/07	Chavelle Reef, off Mackay
Qld	4/9/07	Chavelle Reef, Qld, Qld



## ***CONTACTS FOR STATE & AUST. RECORDS OFFICERS.***

**The Records Officer must be satisfied with the identity of the fish. At no time is it the responsibility of the Records Officer to prove the identity of the fish.**

**The best way to claim is to transfer the Australian fee of \$10 to the Australian Records Officer and then Email the fully completed form, fish identification photos (possibly scales and measurement photos too), to both the Australian Records Officer AND the relevant State Records Officer.**

### **QLD**

Mick McDade  
AUF Q Records Officer  
Brighton Bayside C/van Park  
536 Beaconsfield Tce  
Brighton Qld 4017  
Mob: 0407745554  
Email: mickmcdade@brisnet.com.au  
(Qld state record claim fee nil.)

### **SA**

Dave Scholefield & Geoff Atkins  
AUF SA Records Officer  
PO Box 271  
Mount Compass SA 5210  
Mob: Dave 0409598470 Geoff 0421047862  
Email: d\_scholefield@outlook.com

### **NSW**

Trevor Ketchion  
AUF NSW Records Officer  
116 Drews Rd  
Loganholme Qld 4129  
Mob: 0401595413  
Email: trevor.nswrecords@gmail.com  
(NSW state record claim fee nil.)

### **WA**

Barry Paxman  
WA Spearfishing Commission  
Brighton Bayside C/van Park  
13 David Crescent  
Hillarys WA 6025  
Mob: 0430455122  
Email: paxmen@optusnet.com

### **VIC**

Nathan Watson  
AUF Vic Records Officer  
21 Affleck St  
Wandong Vic 3758  
Mob: 0409244796  
Email: i\_m\_bored\_@hotmail.com

### **NT**

Jade Dean  
AUF NT Records Officer  
PO Box 53  
Nhulunbuy NT 0880  
Mob: 0488973882  
Email: jadedean@live.com.au

### **AUSTRALIAN RECORDS OFFICER**

Vin Rushworth  
AUF Records Officer  
90 Amelia St  
Balcatta WA 6021  
aufrecords@yahoo.com  
Mob: 0407122067  
(National record claim fee \$10.)



# Australian Underwater Federation Inc.

## APPLICATION FOR NATIONAL AND/OR STATE SPEARFISHING RECORD (PRINT IN BLOCK LETTERS)

This form must be accompanied by **CLEAR PHOTOGRAPHS** showing length and depth of species. It is preferred an object for scale or a tape measure is shown in the photo.

SPECIES (Scientific Name).....

(Common Name).....

Reference or Identification Source.....

Weight..... Length..... Max Girth.....

Date of Capture..... Place of Capture..... State of Capture.....

Category of Application:  National  State.....

Open  Women's  Junior (under 18)

Full Name of Applicant.....

Postal address.....

Phone No..... Email address.....

Affiliated Club..... State Branch.....

Registered AUF Membership No.....

Type of Equipment Used (handspear or speargun).....

### AFFIDAVIT

We, the undersigned, declare that the above named fish was landed without assistance and that the above information and statements are true. This fish was taken by the diver in accordance within the rules of the AUF.

SIGNATURE OF DIVER.....

### Witness to catch

NAME..... SIGNATURE.....

ADDRESS..... Phone No.....

We, the undersigned, do hereby further make oath that the above named fish was weighed in our presence and that the weight is correct as stated.

### Weigh master

NAME..... SIGNATURE.....

ADDRESS..... Phone No.....

Type of Scales Used - provide all details: **Brand, model, certification, calibration certificate**. Photos preferred where possible.....

### Independent Witness to weighing

NAME..... SIGNATURE.....

ADDRESS..... Phone No.....

TRANSFER \$10 APPLICATION FEE TO:

AUF RECORDS **BSB:** 484799 **ACCOUNT:** 600662496 **REFERENCE:** APPLICANT'S NAME

BANK TRANSFER RECEIPT NUMBER.....

SEND APPLICATION AND ALL PHOTOS/ADDITIONAL INFORMATION TO [aufrecords@yahoo.com](mailto:aufrecords@yahoo.com)

FOR ANY FURTHER INFORMATION CONTACT VIN RUSHWORTH: 0407122067