

AUSTRALIAN
UNDERWATER
FEDERATION
QUEENSLAND BRANCH



**AUGUST
2024**

**finfish
Vol. II**

**Records
&
Field
Guides**

QUEENSLAND

SPEARFISHING

RECORDS

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Queensland Spearfishing Records 2024 & Field Guides

THIS BOOKLET IS DESIGNED TO BE PRINTED BACK-

TO-BACK SO GUIDES FACE THEIR RECORD LISTINGS.

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 are not eligible. (Some) invertebrate records were started in 2021... see Part V.

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.)

CONTENTS Use any **INDEX** (in the front of each finfish volume.)

FINFISH Vol I

a Index for Finfish Vol I-IV

b Using this booklet, Who can claim

c Suitable scales, Good photos, Cost, How to claim

d Tied records, How small, Spearfishing area

e Club abbreviations, A short history

f What fish? AUFQ Regulations pertaining to The Records

g Regulations (cont.) Acknowledgments

1A-7 **SPEARFISHING RECORDS & IDENTIFICATION GUIDES.**

Spearfishing Record Claim form

FINFISH Vol II

a Index for Finfish Vol I-IV

8A-18 **SPEARFISHING RECORDS & ID GUIDES**

FINFISH Vol III

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19A-29 **SPEARFISHING RECORDS & ID GUIDES**

FINFISH Vol IV

a Index for Finfish Vol I-IV

19A-29 **SPEARFISHING RECORDS & ID GUIDES**

INVERTEBRATES Vol V

a Information on invertebrate records

1-9 **Crustaceans**

10 **Cephalopods**

11-12 **Invertebrate Records**

Spearfishing Record Claim form

FINFISH Part I start to page 6

FINFISH Part II page 7A to page 14

FINFISH Part III page 15A to page 21

FINFISH Part IV page 22A to end of Finfish

INVERTEBRATES Part V

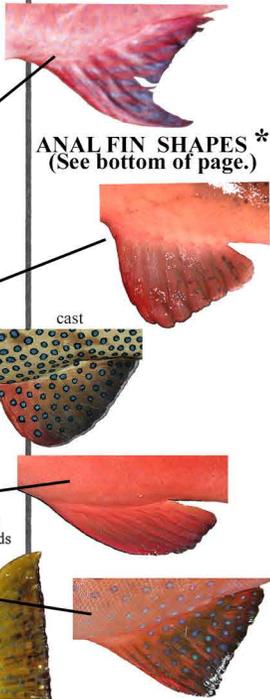
INDEX by common names (numbers for records, letters for I.D. sheets.)

(Also includes some alternate common names.)

- amberjack 9, 10, **10A, 10B**
 angelfish 1
 barracuda 1, **1A, 1B**
 barramundi 1, **2A**
 bass 1, 22, **22C**
 batfish 2, **2A**
 bigeye 4, **4A**
 billfish 2, **1C**
 blackbream 3, **3B**
 black king 2
 blackfish 2, 3, **3A, 3B**
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 bluefish 2, 27, **3B, 27A**
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 butterfly cod 19, **18C**
 catfish 4, **4A**
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 (john dory - incorrect) 4, **4A**
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 kingfish 2, 10, **10A, 10B**
 leatherjacket 13, **12B**
 leatherskin 9, **9A**
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 lizardfish 13, **12B**
 longtom 13, **13A**
 luderick 3, **3B**
 mackerel 14, 15, **14B, 14C**
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 mangrove jack 22, **23C**
 marble fish 15, **15A**
 marlin 2, **1C**
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 pearl perch 19
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 red bass 22, **23C**
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 sailfish 2, **1C**
 (salmon) 27, **27A**
 samson fish 9, **10A**
 sawtail 26, 27, **26C**
 scad 8, 9, 14
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 (turrum) 10
 tuskfish 29, **30A**
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 yellow emperor 5
 zebra **3B**

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.....	2
	(b) The edge of the tail doesn't form a deep crescent.....	3
2.	(a) Margin of tail broadly yellow.....	<i>Variola louti</i>
	(b) Narrow white margin of tail, and a dark sub-marginal line to tail.....	<i>Variola albimarginata</i>
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.....	<i>Plectropomus oligacanthus</i>
	(b) Body with round or elongated spots, but none which could be mistaken for stripes approaching head length.....	4
4.	(a) Colour black and white, tail and fins yellow.....	<i>Plectropomus laevis</i> (footballer)
	(b) Colour reddish, brownish, or olive, tail not yellow.....	5
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.....	<i>Plectropomus maculatus</i>
	(b) Body covered with blue spots, fewer on head, spots vertically elongated over middle of body.....	<i>Plectropomus pessuliferum</i>
6.	(c) Body covered with only round spots.....	6
	(a) Body densely covered with spots about one third of pupil size, spots on stomach, tail truncate.....	<i>Plectropomus areolatus</i>
	(b) Body covered with smaller spots, not on stomach.....	7
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).....	<i>Plectropomus leopardus</i>
	(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).....	<i>Plectropomus laevis</i>

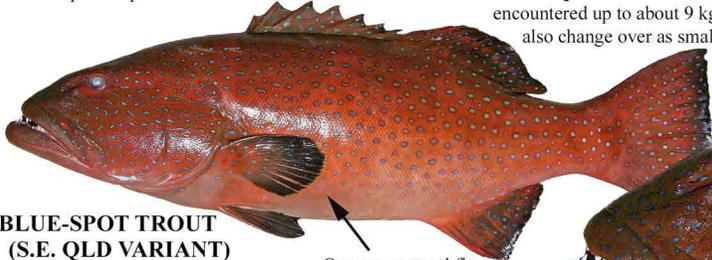


(CHINESE) FOOTBALLER

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

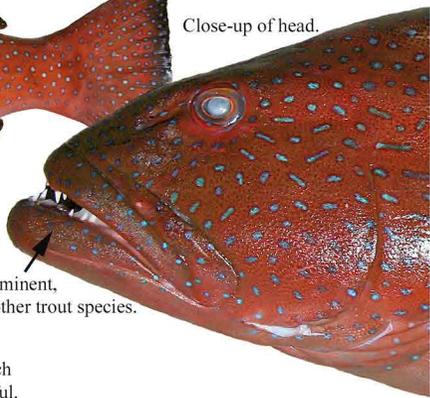
A number of specimens showing this pattern have been taken, and this one was given to the Qld Museum. Spots on head are normally round.

Opaque pectoral fin.

Shape of anal fin.

Teeth very prominent, more so than other trout species.

Close-up of head.

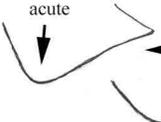


ANAL FIN TROUT I.D. POINT *

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 it can be seen.

acute



The anal fins of *P. laevis* and *P. maculatus* have an acute front corner and then an "S" shape edge.

The anal fin of *P. leopardus* has a simple smoothly rounded curve.

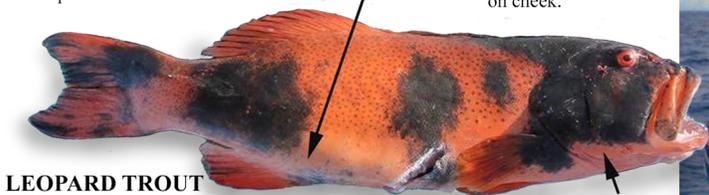
Coral Trout



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.

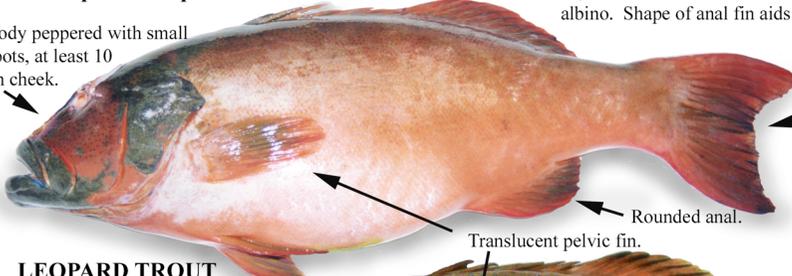


LEOPARD TROUT
Plectropomus leopardus

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.

Rounded anal.

Translucent pelvic fin.

LEOPARD TROUT
Plectropomus leopardus



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.

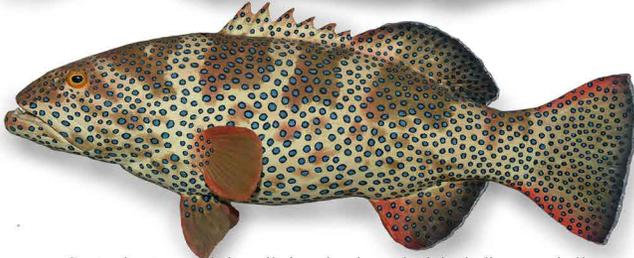
LONG-SPOT TROUT
Plectropomus maculatus

Shallow water colouration.





PASSIONFRUIT TROUT
Plectropomus areolatus



PASSIONFRUIT TROUT
(cast)
Plectropomus areolatus

Tail shape slightly convex or truncate.

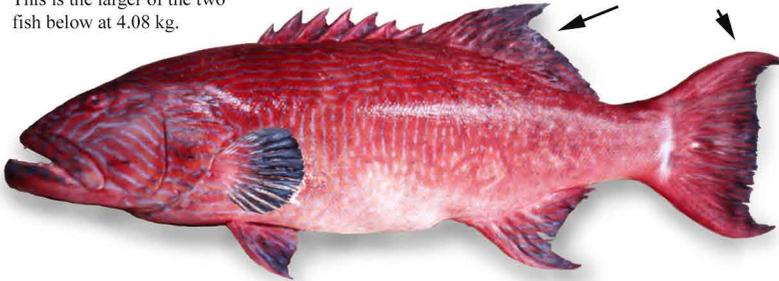
Spots about one third pupil size, densely packed, including over belly.

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

***Epinephelus tukula* Morgans**

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

***Epinephelus undulatostratus* (Forskall)**

J 3.200 kg Ryan Springall
 W 1.990 kg Lakeesha Sermak
 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 areolatus* (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

***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 dermatopterus* (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 2.460 kg Erin McGinty
 O 7.450 kg Andrew Sprenger
 A 7.450 kg Andrew Sprenger

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
 SCS 30/7/23 Raper Shoal, Currimundi, Sunshine Coast
 UAC 6/5/10 coffee rock off Moreton Island, S.E. Qld
 Qld 6/5/10 coffee rock off Moreton Island, Qld

CHESTNUT GROUPEL, MASKED COD

- - -
 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

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, Capricorn Group
 CUA 25/7/21 Ribbon Reefs, Nth Qld
 UAC 10/4/06 Hutchisons Shoal, S.E. Qld
 Qld 10/4/06 Hutchisons Shoal, Qld

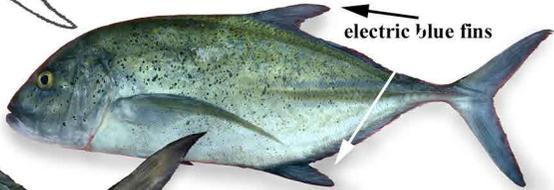
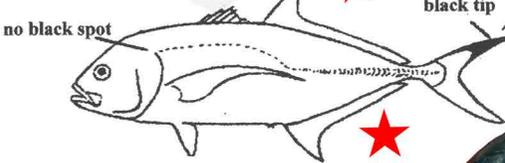
CORALFISH *CHAETODONTIDAE****Chaetodon lineolatus* (Cuv. & Val.)**

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

NEW MOON CORALFISH

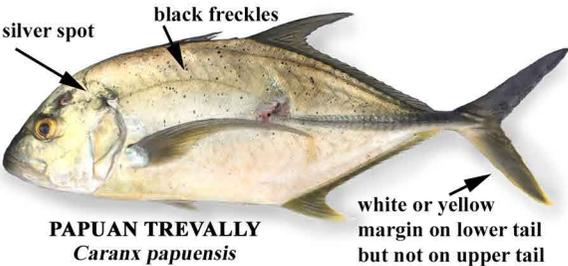
- - -
 - /69 Australian Titles, Maroochyodore, Sunshine Coast
 WA - Dirk Hartog Island, WA

TREVALLY (CARANX)



BLUE-FIN TREVALLY
Caranx melampygus

BLUE-SPOTTED TREVALLY
Caranx bucculentus



PAPUAN TREVALLY
Caranx papuensis



BLACK TREVALLY
Caranx lugubris



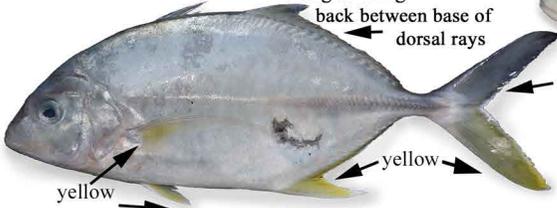
BLUNT-NOSED TREVALLY
Platycaranx chrysopterys



medium fish often & showing wavy muscle marks, large fish often darker & heavily freckled

COACHWHIP TREVALLY
Carangichthys oblongus

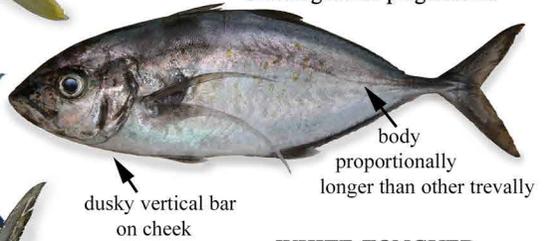
LARGE-TAILED TREVALLY
Ferdauia ferdaui



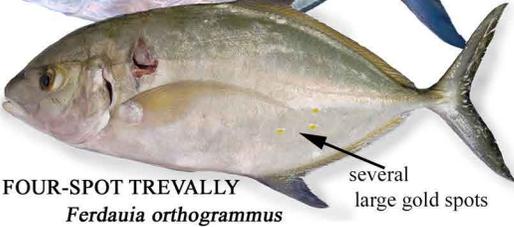
small dusky triangles along back between base of dorsal rays



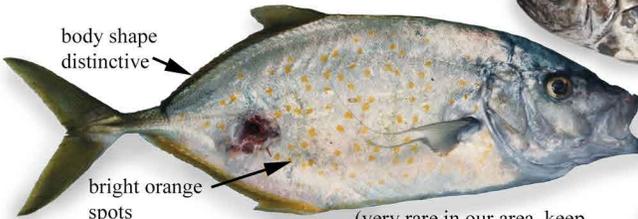
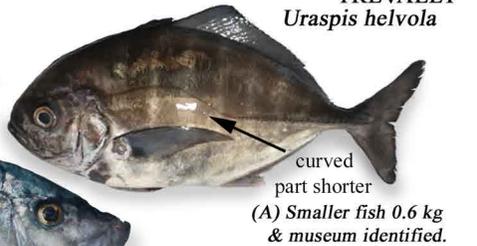
BAR-CHEEK TREVALLY
Craterognathus plagiotaenia



WHITE-TONGUED TREVALLY
Uraspis helvola

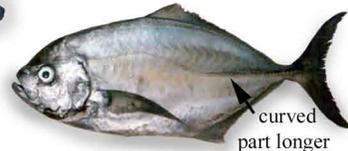


FOUR-SPOT TREVALLY
Ferdauia orthogrammus



ORANGE-SPOTTED TREVALLY
Flavocarax bajad

(very rare in our area, keep for the Museum)



WHITE-MOUTH TREVALLY
Uraspis uraspis

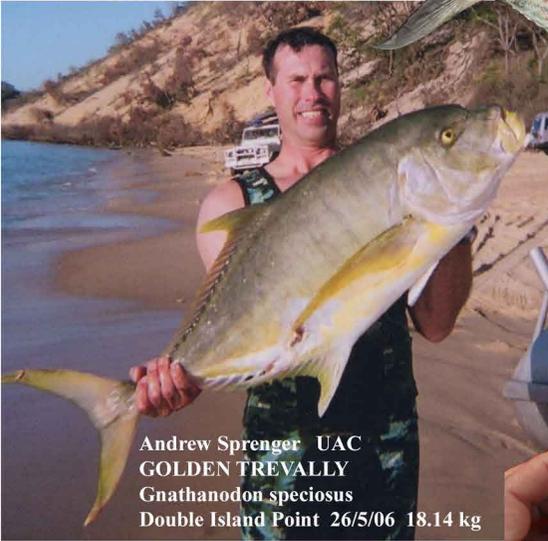
(B) Larger fish 3.629 kg (above) in the records as *U. uraspis* (which supposedly only grows to about 0.5 kg.)

BLUDGER
Turram gymnotethus

bludger much rounder in section



GOLD-SPOT TREVALLY
Turram fulvoguttatus



Andrew Sprenger UAC
GOLDEN TREVALLY
Gnathanodon speciosus
Double Island Point 26/5/06 18.14 kg



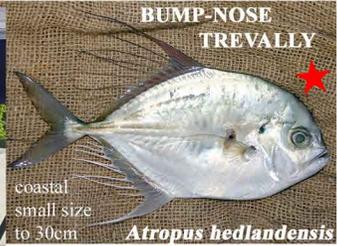
6.130 kg
Lyle Turner TSC
CALE CALE TREVALLY
Atropus mentalis
lower jaw becomes very prominent in adults



gill membrane coloured



Daniel Russell MDUSC (jun.)
PENNANT FISH
Alectis ciliaris
Broomfield Rf 20/12/17



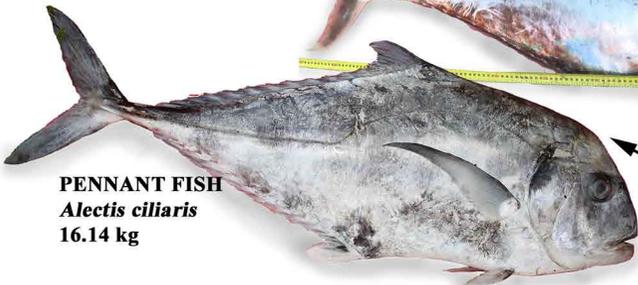
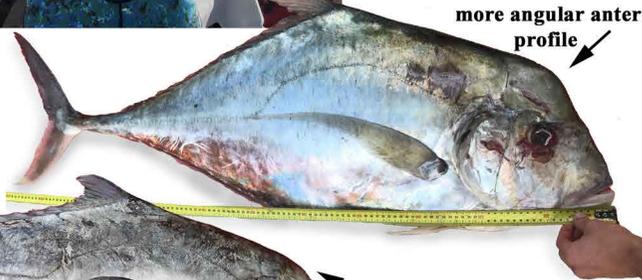
BUMP-NOSE TREVALLY

coastal small size to 30cm

Atropus hedlandensis

DIAMOND TREVALLY
Scyris indica

more angular anterior profile



PENNANT FISH
Alectis ciliaris
16.14 kg

more rounded anterior profile

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

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

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

***Atropus mentalis* Ehrenberg**

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

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

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

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

J	3.900 kg	Logan Opie
W	3.220 kg	Jennifer Budworth
O	6.420 kg	John Powell
A	11.600 kg	Sam Dawson

***Carangichthys oblongus* (Cuvier)**

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

***Caranx ignobilis* (Forskall)**

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	3.295 kg	Lakeesha Sermak
O	6.900 kg	Craig Whalley
A	6.900 kg	Craig Whalley

***Craterognathus plagiotuena* Bleeker**

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

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

HERRING SCAD

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

CALE CALE TREVALLY

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

MACKEREL SCAD

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

RAINBOW RUNNER

MDUSC	13/3/23	Kindamar Reef
TGCFD	25/5/19	Douglas Shoal, Capricorn Coast
BSC	21/4/73	Fitzroy Reef, Bunker Group
WA	22/2/20	Carnarvon, WA

COACHWHIP TREVALLY

-	-	-
-	-	-
UAC	25/12/06	North West Island, Capricorn Group
QLD	25/12/06	North West Island, 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
SCS	3/12/23	Barwon Banks S.E. Qld
BSC	11/9/01	Sandy Cape Shoals, off Fraser Island
Qld	11/9/01	Sandy Cape Shoals, Qld

BAR-CHEEK TREVALLY

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

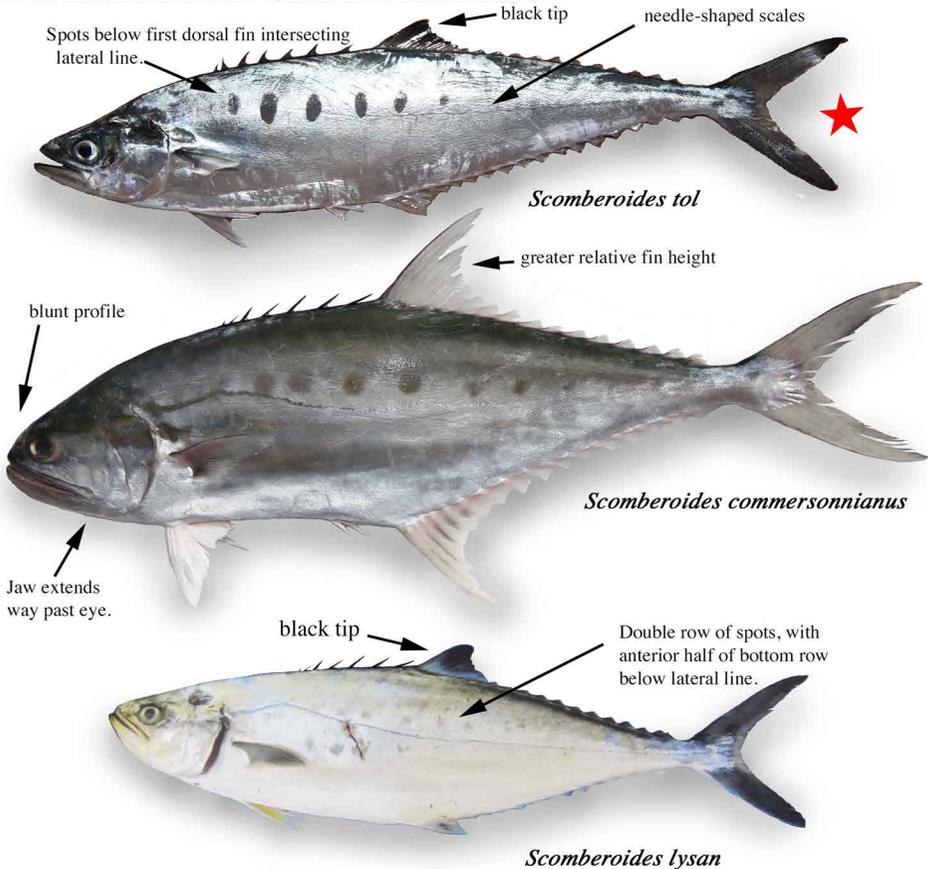
QUEENFISH & LEATHERSKIN - SCOMBEROIDES

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 ★



Flavocaranx bajad (Fabricus)

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

Ferdauia ferdaui (Fabricus)

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

Ferdauia orthogrammus (Jor. & Gil.)

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

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

Platyacaranx chrysocephalus (Cuvier)

J	-	-
W	-	-
O	0.560 kg	Indigo Sussmiltch
O	6.420 kg	Andrew Sprenger
A	6.420 kg	Andrew Sprenger

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

Scyris indica Ruppell

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

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 dumerilii (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

ORANGE-SPOTTED TREVALLY

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

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

THICK-LIP TREVALLY, FOUR-SPOT TREVALLY

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

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

BLUNT-NOSED TREVALLY, LONG-NOSED TREVALLY

-	-	-
SCS	20/11/21	Mudjimba Island, Sunshine Coast
UAC	6/1/06	Hutchisons Shoal, S.E. Qld
Qld	6/1/06	Hutchisons Shoal, Qld

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

DIAMOND TREVALLY

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

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

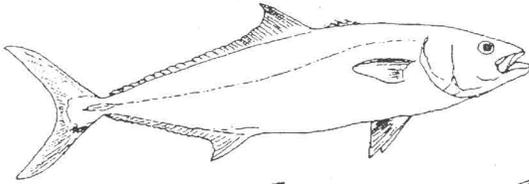
TGCFD	4/8/00	Inner Gneerings, Sunshine Coast
UAC	28/3/08	Palm Beach Reef, Gold Coast
SCS	20/9/12	Hamilton Patches, Sunshine Coast
Qld	20/9/12	Hamilton Patches, Qld

SAMSON FISH

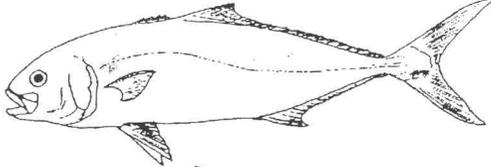
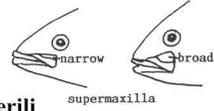
-	-	-
-	-	-
SCS	29/6/68	Noosa Heads, Sunshine Coast
WA	4/11/62	Cowaranup Bay, WA

Photo should show extended fins and colour.

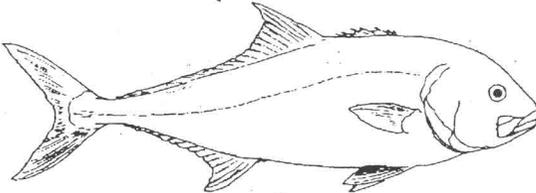
Kingfish - *Seriola*



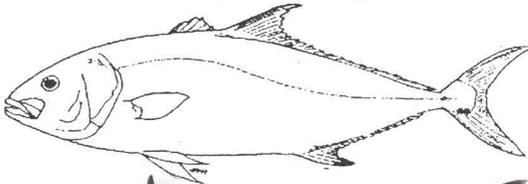
Seriola lalandi
YELLOWTAIL KINGFISH
Supermaxilla narrow, body elongate, blue back, tail yellow.



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.

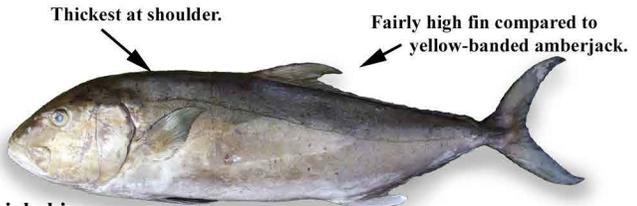


Seriolina nigrofasciata (Ruppell)
BLACK-BANDED AMBERJACK

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

Freshwater Eel

AUST. LONG-FINNED EEL
Anguilla reinhardtii

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



(more) **KINGFISH & AMBERJACK**



YELLOWTAIL KINGFISH

Seriola lalandi

27.5 kg 29/9/98
Fido Reef

Greg Smith TGCFD
Qld Record



Brendan Chan SCS

A & Q Record

39.8 kg

20/9/12

Hamilton

Patches,

Sunshine

Coast



YELLOWTAIL KINGFISH

Seriola lalandi

15.35 kg 3/6/23
Coolum

Lakeesha Sermak SCS
Qld Women's Record

YELLOW-BANDED AMBERJACK

Seriola dumerili

DOLPHINFISH

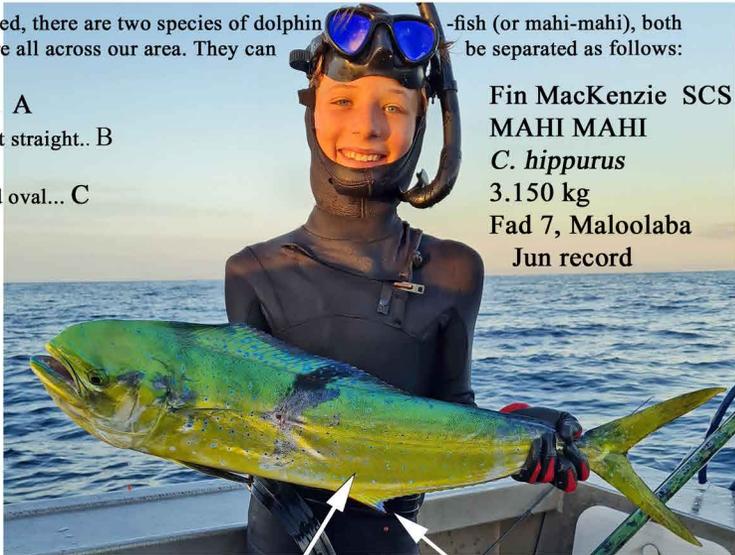
Although not widely realized, there are two species of dolphin-fish (or mahi-mahi), both oceanic fish found off-shore all across our area. They can be separated as follows:

- 1. Anal fin shape...
 - C. hippurus*... fin flaccate. A
 - C. equiselis*... fin almost straight.. B
- 2. Tongue tooth patch...
 - C. hippurus*... small and oval... C



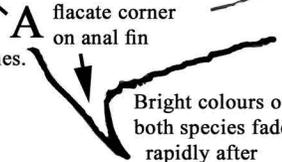
- C. equiselis*... large and trapezoidal...
- 3. Pectoral fin length...
 - C. hippurus*... longer than half head length.
 - C. equiselis*... shorter than half head length.
- 4. Greatest body depth at...
 - C. hippurus*... about end of gill.
 - C. equiselis*... about half length of body.

Max. size of these species...
C. hippurus... 2.1m and about 40kg.
C. equiselis... 75 cm or possibly 127cm

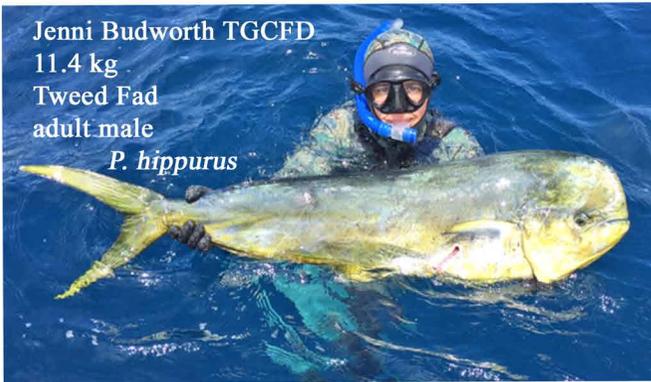


Fin MacKenzie SCS
 MAHI MAHI
C. hippurus
 3.150 kg
 Fad 7, Maloolaba
 Jun record

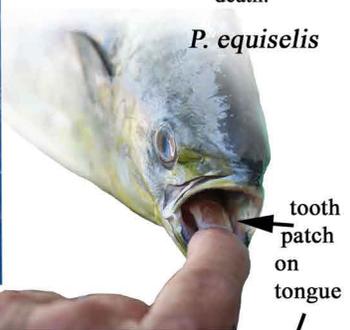
Many small spots, some random, but many appear to form into horizontal lines.



Bright colours of both species fade rapidly after death.

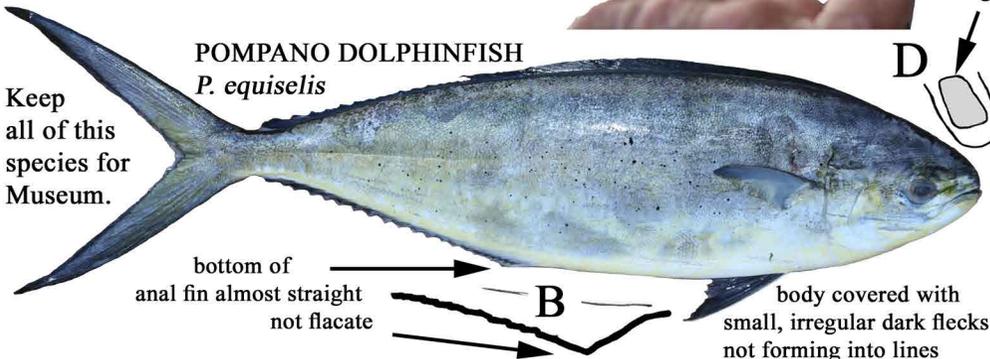


Jenni Budworth TGCFD
 11.4 kg
 Tweed Fad
 adult male
P. hippurus



tooth patch on tongue

P. equiselis



POMPANO DOLPHINFISH
P. equiselis

Keep all of this species for Museum.

bottom of anal fin almost straight not flaccate



body covered with small, irregular dark flecks not forming into lines



Seriola lalandi (Cuv. & Val.)

J	25.500 kg	Jonathon Fay
W	15.350 kg	Lakeesha Sermak
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	Jarrod McKenzie
W	1.750 kg	Kerrie Licastro
O	6.500 kg	Adam Smith
A	7.550 kg	Aaron Puckeridge

Trachinotus coppingeri (Gunther)

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

Turrum 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

Turrum gymnostethus (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

Uraspis helvola (Forster)

J	-	-
W	0.545 kg	Lakeesha Sermak
O	1.110 kg	Geoff Gannon
A	1.880 kg	Glen Howlett

DOLPHIN FISH**Coryphaena equiselis (Linnaeus)**

J	-	-
W	-	-
O	0.990 kg	Keiren Limpus
A	0.990 kg	Keiren Limpus

Coryphaena hippurus (Linnaeus)

J	3.150 kg	Fin MacKenzie
W	11.455 kg	Jennifer Budworth
O	12.805 kg	Tim McDonald
A	23.200 kg	Bryce Etheredge

FLOUNDER BOTHIDAE**Bothus mancus (Broussonet)**

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

YELLOWTAIL KINGFISH

TGCFD	15/11/97	Cook Island, Tweed Coast
SCS	3/6/23	Coolum, Sunshine 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	Aspatia 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
NSW	8/12/11	Exmouth, 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

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

WHITE-TONGUED TREVALLY

-	-	-
SCS	26/2/23	Barwon Banks Fad, S.E. Qld
BSC	13/11/23	Holmes Reef, Coral Sea
NSW	19/3/96	North Solitary Island, NSW

CORYPHAENIDAE**POMPANO DOLPHINFISH, POMPANO MAHI MAHI**

BSC	16/6/23	Sunshine Coast Fad, Sunshine Coast
Qld	16/6/23	Sunshine Coast Fad, Sunshine Coast

COMMON DOLPHINFISH, POMPANO MAHI MAHI

SCS	16/12/21	Fad 7 Maloolaba, Sunshine Coast
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

PEACOCK FLOUNDER

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

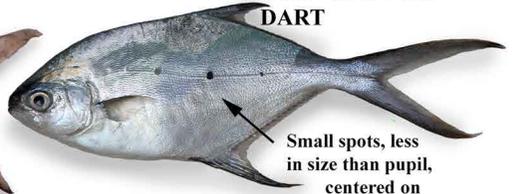
DART - Trachinotus

T. blochii
SNUB-NOSED DART *



Leading edge of anal dark or black, not yellow.

T. bailloni
SMALL-SPOTTED DART

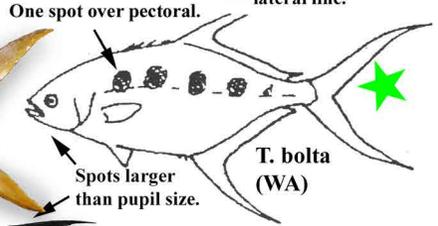


Small spots, less in size than pupil, centered on lateral line.



T. anak
OYSTER-CRACKER *

Leading edge of anal yellow or dusky orange.

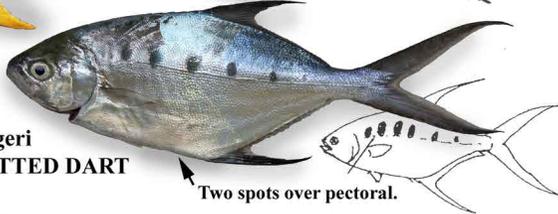


One spot over pectoral.

Spots larger than pupil size.

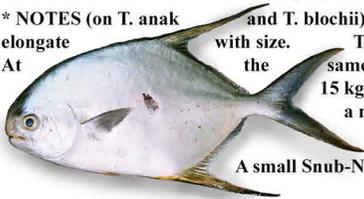
T. bolta
(WA)

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.

BLACK (REEF) FLATHEAD
Cymbacephalus parillis



Thread like skin flap off corner of gill cover.



Rounded skin flap off corner of gill cover.

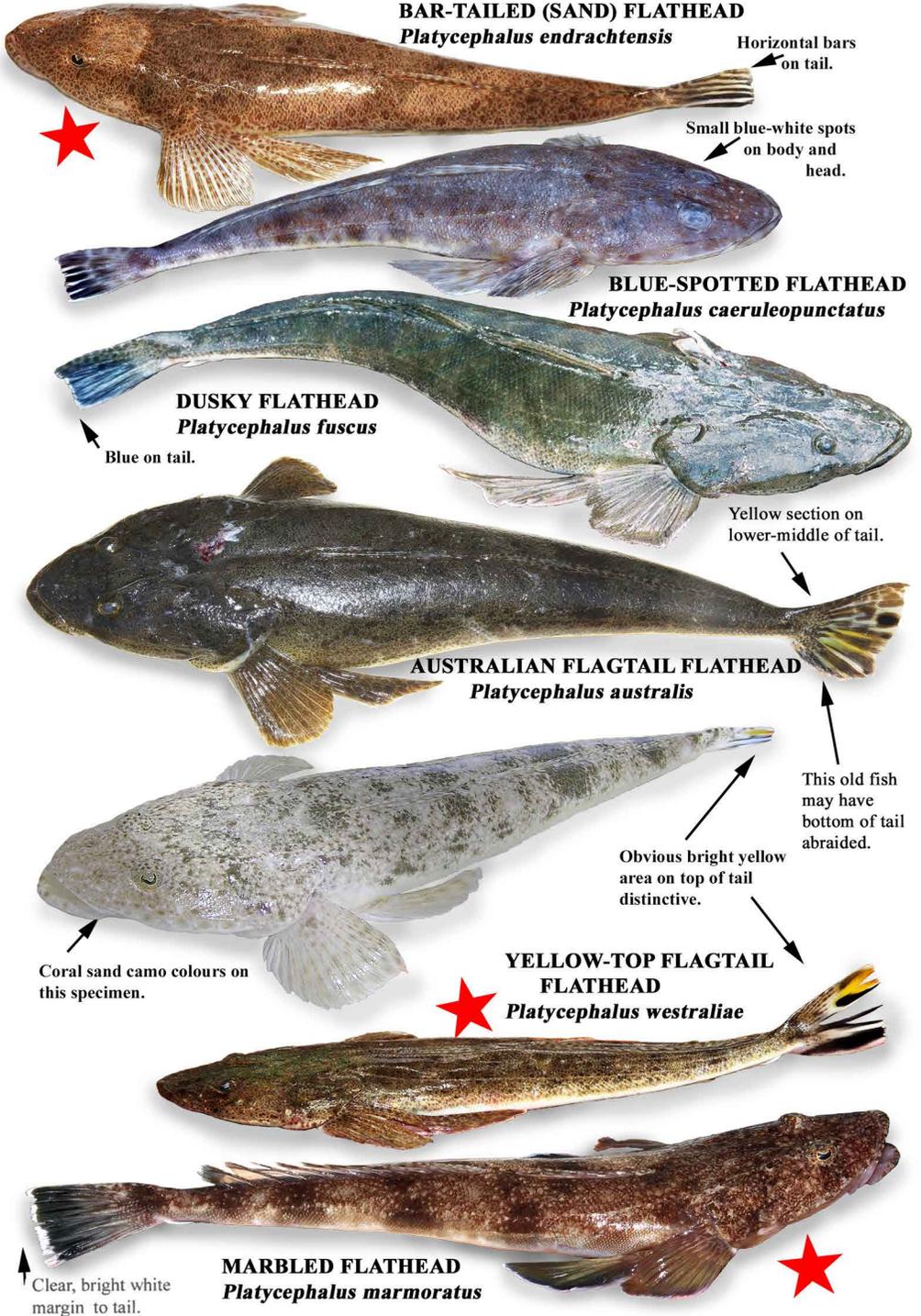
SMALL-HEADED (or SMALL-EYED) REEF FLATHEAD
Cymbacephalus bosschei



Head proportions.

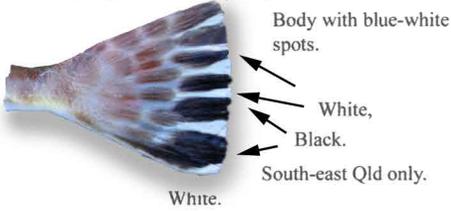
Fins and tail covered with bands of small white spots.

(Platycephalus)



QUEENSLAND FLATHEAD

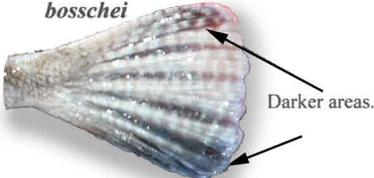
BLUE SPOTTED FLATHEAD
Platycephalus caeruleopunctatus



BAR-TAILED (SAND) FLATHEAD
Platycephalus endrachtensis



SMALL-HEADED (EYED) REEF FLATHEAD
Cymbacephalus bosschei



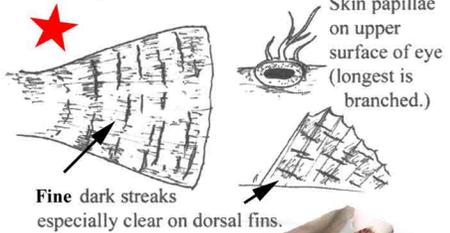
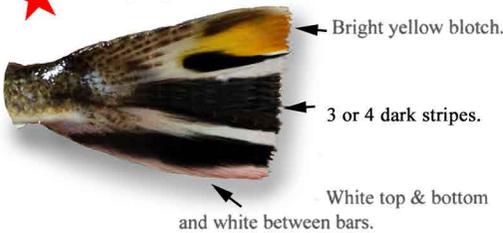
DUSKY FLATHEAD
Platycephalus fuscus



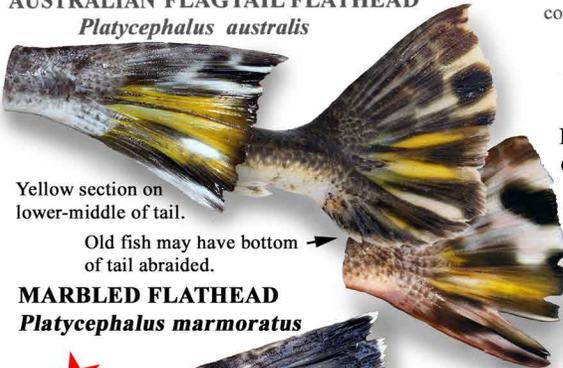
Brown spots join together to form light and dark bands. Dorsal fin rays show bands. Lower lip with about 4 dark bands.

FRINGE-EYED FLATHEAD
Cymbacephalus nematophthalmus

YELLOW-TOP FLAGTAIL FLATHEAD
Platycephalus westraliae



AUSTRALIAN FLAGTAIL FLATHEAD
Platycephalus australis



BLACK (REEF) FLATHEAD
Cymbacephalus paralis

MARBLED FLATHEAD
Platycephalus marmoratus



FLATHEAD *PLATYCEPHALIDAE*

***Cymbacephalus bosschei* (Bleeker)**

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

SMALL-EYED FLATHEAD, SMALL-HEADED FLATHEAD

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

***Cymbacephalus nematophthalmus* (Gunther)**

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

FRINGE-EYED FLATHEAD

***Cymbacephalus parilis* (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

BLACK FLATHEAD, REEF FLATHEAD, NORTHERN ROCK 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

Platycephalus australis

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

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

***Platycephalus caeruleopunctatus* McCulloch**

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

EASTERN BLUE-SPOTTED FLATHEAD

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

***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

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

***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

UNIDENTIFIED FLAGTAIL FLATHEAD

MS 23/3/69 Hervey Bay

FLUTEMOUTH *FISTULARIDAE*

***Fistularia commersonii* Lacepede**

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

SMOOTH FLUTEMOUTH

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

FRESHWATER EEL *ANGUILLIDAE*

***Anguilla reinhardtii* Steindachner**

J - -
 W 0.875 kg Lakeesha Sermak
 O 0.875 kg Lakeesha Sermak
 A 2.585 kg Kade Beckley

LONG-FINNED EEL

- - -
 - - -
 SCS 5/8/23 Maroochydhore River
 SCS 5/8/23 Maroochydhore River
 NSW 31/10/22 Merimbula, NSW

GOATFISH *MULLIDAE*

***Mulloidichthys pfluegeri* (Steindachner)**

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

ORANGE GOATFISH

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

***Mulloidichthys vanicolensis* (Cuv. & Val.)**

J - -
 W - -
 O 0.750 kg Michael Greinke
 A 0.700 kg John Leslie
 A 0.750 kg Rhys Clay (tie)

GOLD-STRIPED GOATFISH, YELLOW-FIN GOATFISH

- - -
 - - -
 CSC 4/8/84 Sykes Reef, Capricorn Group
 NSW 5/1/81 Woolgoolga, NSW
 Qld 9/9/22 Gneering Shoals, Qld

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.



ORANGE GOATFISH

Mulloidichthys pfluegeri



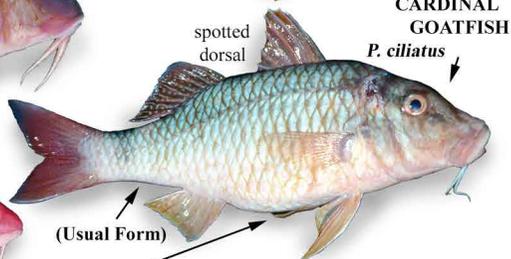
GOLD-STRIPED GOATFISH
Mulloidichthys vanicolensis

bright yellow fins

red eye



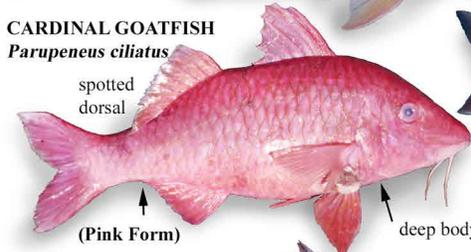
YELLOW-SPOT GOATFISH
Parupeneus barberinus



CARDINAL GOATFISH
P. ciliatus

spotted dorsal

(Usual Form)



CARDINAL GOATFISH
Parupeneus ciliatus

(Pink Form)

deep body



BLACK-SPOT GOATFISH
Parupeneus spilurus



GOLD-SADDLED GOATFISH
Parupeneus cyclostomus

gold saddle



MANY-BARRED GOATFISH
Parupeneus multifasciatus

smaller species

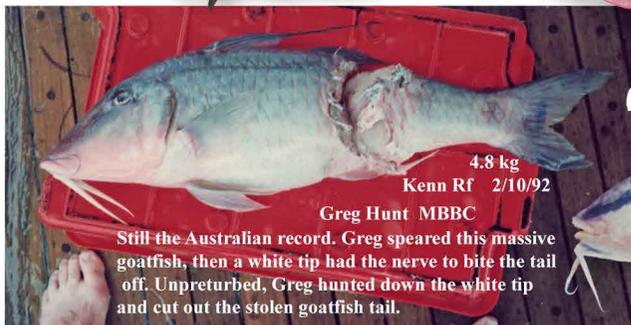


DOUBLE-BAR GOATFISH
Parupeneus crassilabris

deep body



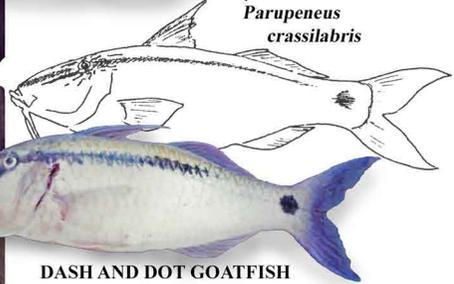
DOUBLE-BAR GOATFISH
Parupeneus crassilabris



4.8 kg
Kenn Rf 2/10/92

Greg Hunt MBBC

Still the Australian record. Greg speared this massive goatfish, then a white tip had the nerve to bite the tail off. Unpreturbed, Greg hunted down the white tip and cut out the stolen goatfish tail.



DASH AND DOT GOATFISH
Parupeneus barberinus

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.

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.

SPOTTED LEATHERJACKET



GREY LEATHERJACKET
Cantherines dumerili

GIANT HERRING

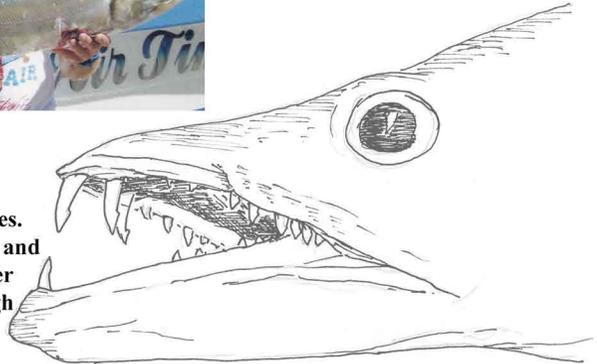
Anthony Leyshan
MDUSC
GIANT HERRING
Elops hawaiiensis

6.750 kg - 3/9/07
Slade Is, Mackay



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.



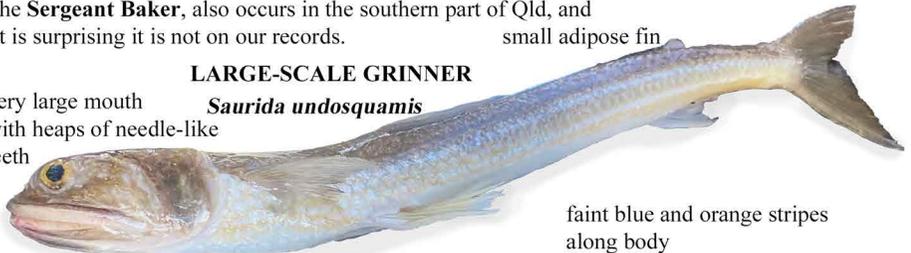
GRINNERS, LIZARDFISH

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 Qld, and it is surprising it is not on our records.

LARGE-SCALE GRINNER

very large mouth
with heaps of needle-like
teeth

Saurida undosquamis



faint blue and orange stripes
along body

JEWFISH, MULLOWAY

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 borneensis*... thick bodied, inside mouth bright yellow-orange, to 35 cm, dorsal rays 29-31. ★

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

Andrew Sprenger UAC
34 kg 25/3/2010
"Sea Dragon" off Stradbroke Is.



MULLOWAY
Argyrosomus japonicus



BLACK JEW
Protonibea diacanthus

Robbie Shailer
MDUSC
45 kg 10/9/7
The Sisters,
Nth Mackay Coast



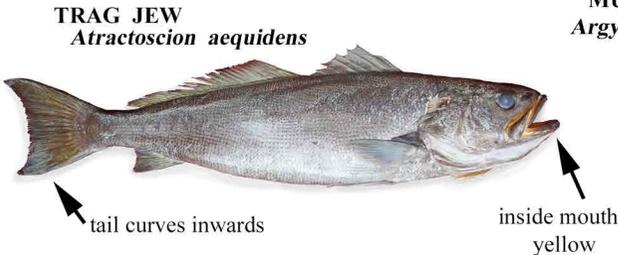
TRAG JEW
Atractoscion aequidens

Bryson Sheehy
TGCFD
3.800 kg
8/5/09
Kingscliff
Reef



MULLOWAY
Argyrosomus japonicus

Bernie Wolff
SCS 28.12 kg
19/9/1966
Noosa Heads



TRAG JEW
Atractoscion aequidens

***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	1.275 kg	Indigo Sussmilch
O	1.720 kg	Tim Neilsen
A	2.050 kg	Geoffrey 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	0.640 kg	Lakeesha Sermak
O	1.300 kg	Alan Betts
A	2.075 kg	David Smith

GIANT HERRING***Elops hawaiensis* Regan**

J	3.900 kg	Fin Mackenzie
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

JEWFISH***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

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, 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

-	-	-
SCS	5/5/24	Moreton Bay
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

-	-	-
SCS	19/2/23	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**

SCS	16/4/23	Bribie Island Coffee Rock, S.E. Qld
-	-	-
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

SCIAENIDAE**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 JEWJEW

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



CROCODILE LONGTOM

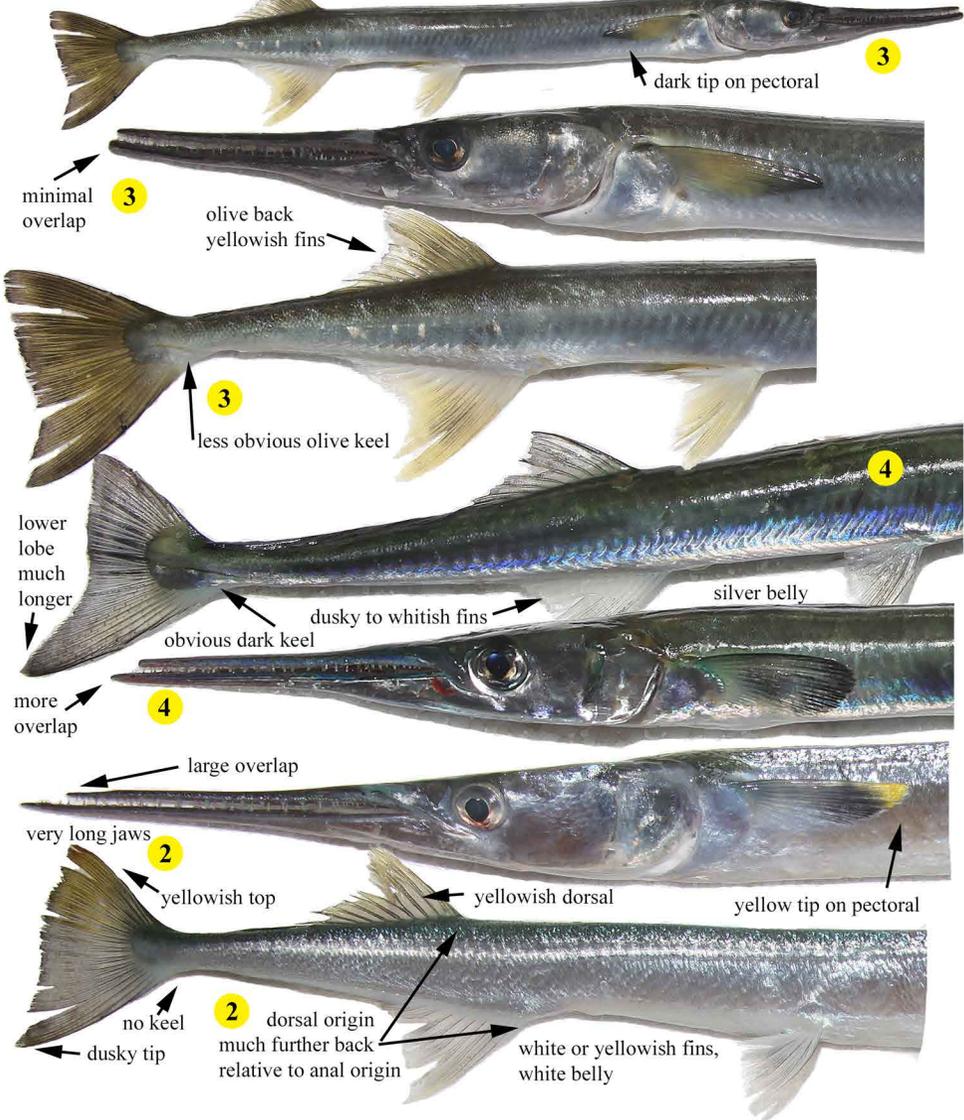
A number get large enough to make the records:

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.



LEATHERJACKETS *MONOCANTHIDAE*

Aluterus monoceros (Linnaeus)

J	1.000 kg	Michael N. Saunders
W	1.514 kg	Jennifer Budworth
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 (Holland)

(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

LIZARDFISH, GRINNERS *SYNODONTIDAE*

Saurida undosquamis (Richardson)

J	-	-
W	0.540 kg	Lakeesha Sermak
O	0.950 kg	Michael McDade
A	0.950 kg	Michael McDade

LONGTOM *BELONIDAE*

Ablennes hians (Val.)

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

Tylosurus crocodilus (Peron & Lesueur)

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

Tylosurus gaviatoides (Castelnaud)

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

UNICORN LEATHERJACKET

BSC	7/7/02	Hoffmans Rocks, Bundaberg Coast
BSC	13/5/23	Palm Beach Reef, Gold 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	Gerrington, NSW

SPOTTED LEATHERJACKET

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

ROUGH LEATHERJACKET

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

LARGE-SCALE GRINNER

-	-	-
-	-	-
SCS	8/6/24	Currimundi Reef, Sunshine Coast
UAC	21/4/02	Western Rocks, off Moreton Is., S.E. Qld
QLD	21/4/02	Western Rocks, Qld

LONGTOM *BELONIDAE*

BARRED LONGTOM

-	-	-
-	-	-
BSC	14/6/98	8 Mile Wreck, Burnett Heads, Bundaberg Coast
NSW	9/5/64	Mauds Landing, WA

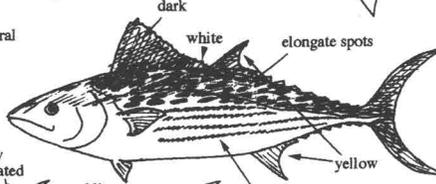
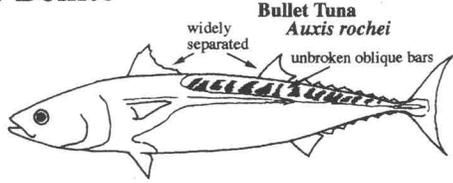
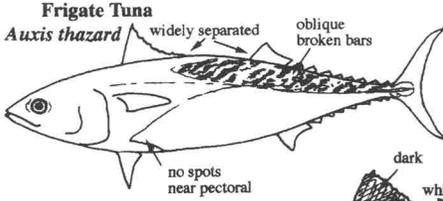
CROCODILE LONGTOM

-	-	-
-	-	-
MDUSC	7/9/99	Round Top Island, off Mackay
WA	20/11/10	Bernier Island, WA

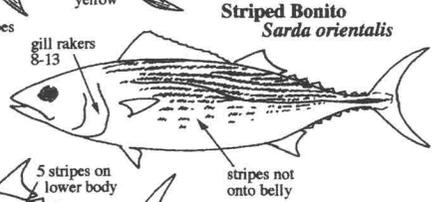
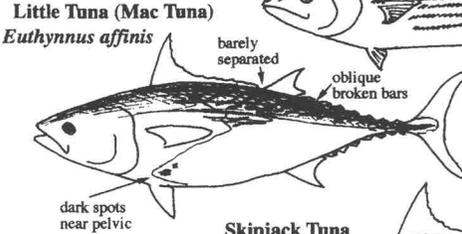
STOUT LONGTOM

-	-	-
-	-	-
MS	23/7/66	Lady Musgrave Island, Bunker Group
Qld	23/7/66	Lady Musgrave Island, Qld

Tuna & Bonito



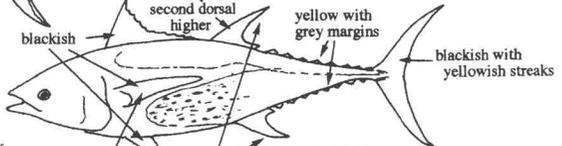
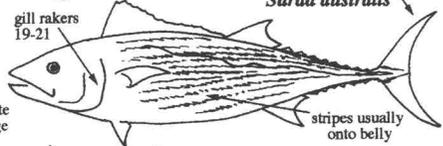
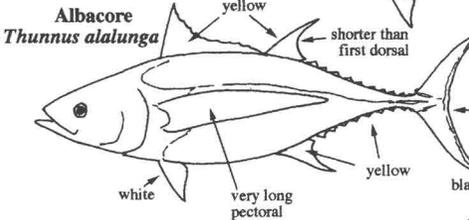
Leaping Bonito
Cybiosarda elegans



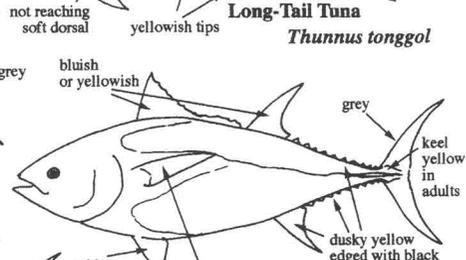
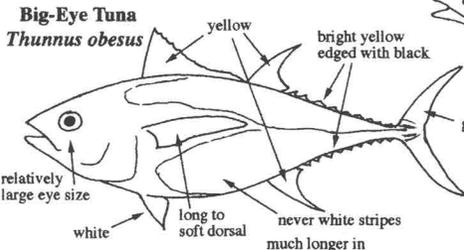
Striped Bonito
Sarda orientalis



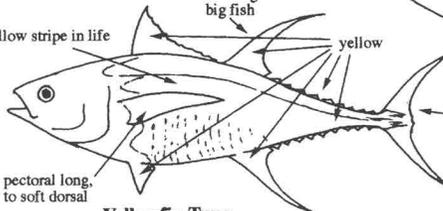
Australian Bonito (Little Bonito)
Sarda australis



Long-Tail Tuna
Thunnus tonggol

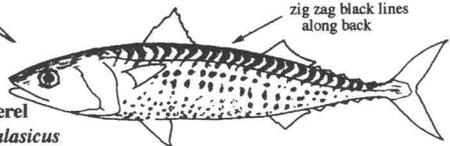


Southern Bluefin Tuna
Thunnus maccoyii



Yellowfin Tuna
Thunnus albacares

Slimy Mackerel
Scomber australasicus



page **14B** **MACKEREL**

Queensland Spearfishing Records 2024

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



Richard Raymond, UAC
11.79 kg Cape Moreton 30.7.78

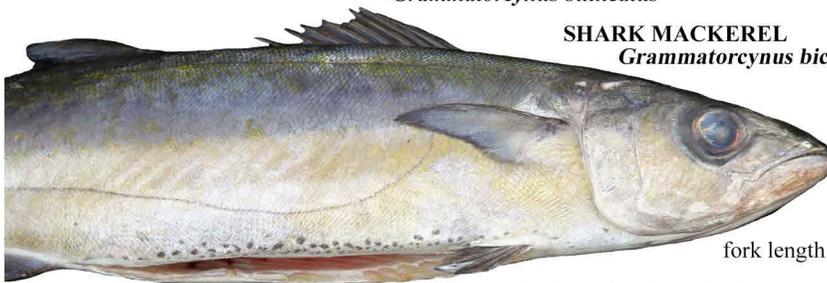


eye diameter about equal to snout length

LARGE-EYED SHARK MACKEREL

double lateral line

Grammatorcynus bilineatus

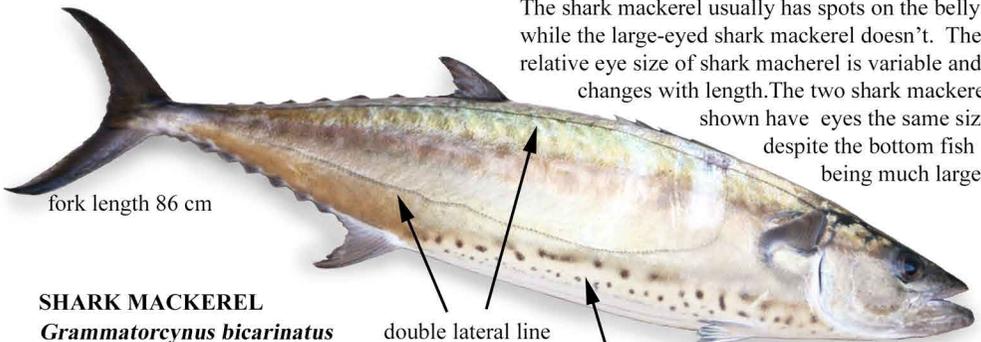


SHARK MACKEREL

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

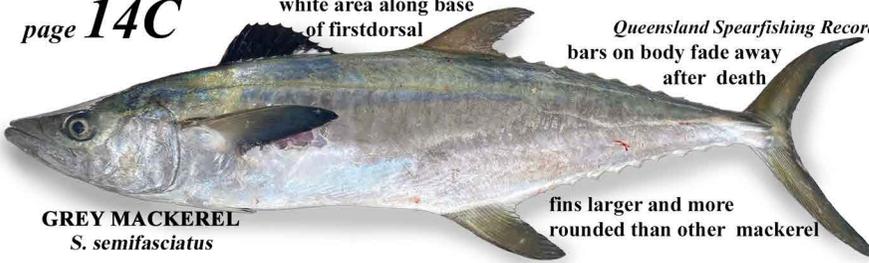
Grammatorcynus bicarinatus

double lateral line

usually spots on belly

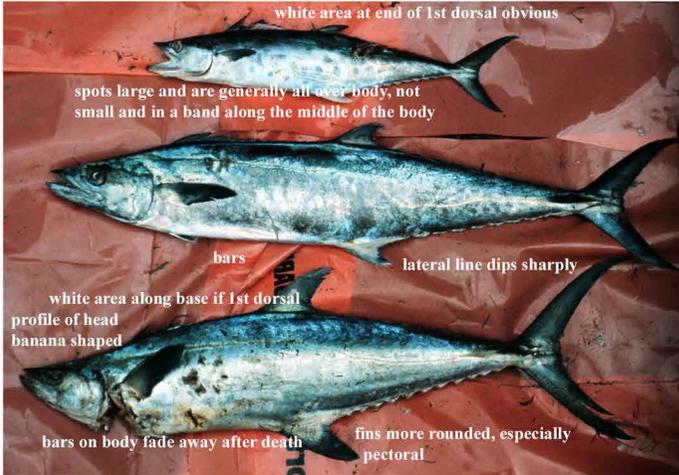
white area along base
of first dorsal

Queensland Spearfishing Records 2024
bars on body fade away
after death



GREY MACKEREL
S. semifasciatus

fins larger and more
rounded than other mackerel



white area at end of 1st dorsal obvious

spots large and are generally all over body, not
small and in a band along the middle of the body

bars

lateral line dips sharply

white area along base of 1st dorsal
profile of head
banana shaped

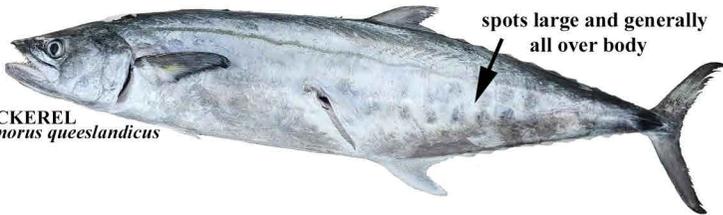
bars on body fade away after death

fins more rounded, especially
pectoral

SCHOOL MACKEREL
Scomberomorus queenslandicus

SPANISH MACKEREL
Scomberomorus commerson

GREY MACKEREL
Scomberomorus semifasciatus



spots large and generally
all over body

**QLD
SCHOOL MACKEREL**
Scomberomorus queenslandicus



Ian Brown
40.5 kg Spanish
Breaksea Shoals

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

Auxis 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	0.732 kg	Jennifer Budworth
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

Grammatocybus bicarinatus (Quoy & Gaimard)

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

Grammatocybus 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	21.300 kg	Emily Patch
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

Sarda australis (Macleay)

J	-	-
W	1.343 kg	Jennifer Budworth
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

WAHOO

TGCFD	15/3/08	Fido Reef, Tweed Coast
CUA	12/8/19	Swinbourne Patches
MDUSC	30/11/19	Needle Shoal
Qld	30/11/19	Needle Shoal, Qld

FRIGATE TUNA, FRIGATE MACKEREL

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

LEAPING BONITO

BSC	27/11/02	Burkitts Rocks, Bundaberg coast
TGCFD	6/8/23	Palm Beach Reef, Gold Coast
THRAC	27/4/96	Palm Beach Reef, Gold Coast
WA	2/3/12	Ocean Rock, WA

MAC TUNA, LITTLE TUNA

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

SHARK MACKEREL, SCALEY MACKEREL

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

LARGE-EYED SHARK MACKEREL, SCAD MACKEREL

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

DOG-TOOTH TUNA

TGCFD	12/9/00	-
CUA	12/11/21	Ashmore Reef, Coral Sea
TGCFD	4/12/10	Shark Reef, Coral Sea
NSW	13/11/97	Wreck Reef, Coral Sea

SKIPJACK TUNA

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

AUSTRALIAN BONITO

J	-	-
W	-	-
TGCFD	21/10/23	Palm Beach Reef, Gold Coast
UAC	2/1/00	Flat Rock, off Stradbroke Island
Vic.	14/4/85	Montague Island, NSW

SLIMY MACKEREL

J	-	-
W	-	-
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	Camaron, WA

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

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Email: mickmcdade@brisnet.com.au
(Qld state record claim fee nil.)

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AUF SA Records Officer
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Email: d_scholefield@outlook.com

NSW

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AUF NSW Records Officer
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(NSW state record claim fee nil.)

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(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 girth of species. It is preferred an object for scale or a tape measure is shown in the photo. Refer to guide for additional invertebrate requirements.

SPECIES (Scientific Name).....

(Common Name).....

Reference or Identification Source.....

Weight.....Length.....Max.Girth.....Invertebrate Measurements.....

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: 923100 ACCOUNT: 46308411 REFERENCE: APPLICANT'S NAME**

BANK TRANSFER RECEIPT NUMBER.....

SEND APPLICATION AND ALL PHOTOS/ADDITIONAL INFORMATION TO aufrecords@yahoo.com

FOR ANY FURTHER INFORMATION CONTACT VIN RUSHWORTH: 0407122067