

### **Annex 10/3: Identification Results**

By Mr. Jamil B. Musel (Malaysia) and Ms. Moe Moe Myint (Myanmar)

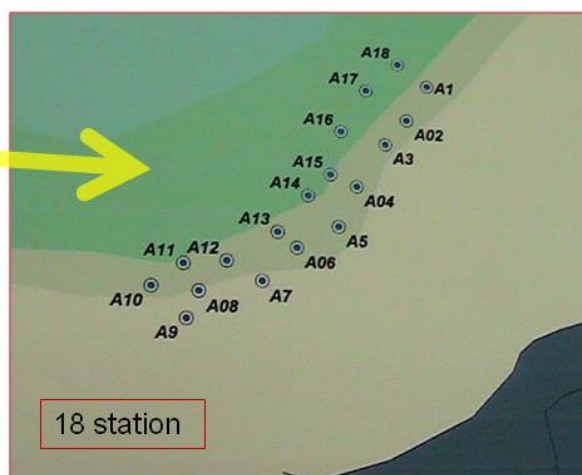


**THE REGIONAL TRAINING ON IDENTIFICATION OF DEEP-SEA FISH  
18-22 JANUARY 2010 , SEAFDEC/TD  
THAILAND**

BY  
JAMIL & MOE

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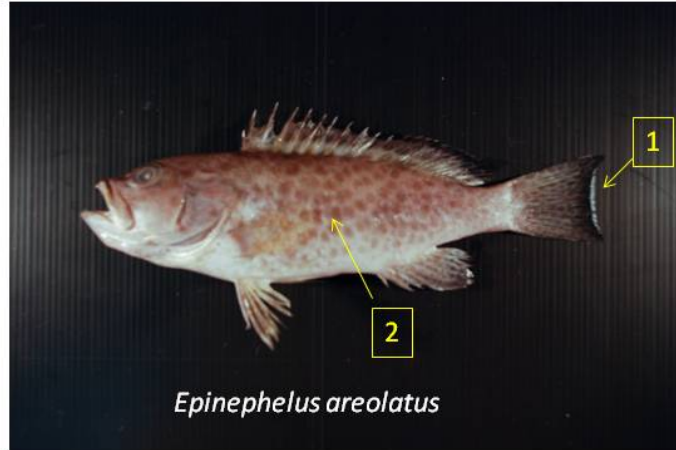
**Area : Water Of Brunei Darussalam**



**Code: 00051**

**Family name: Serranidae**

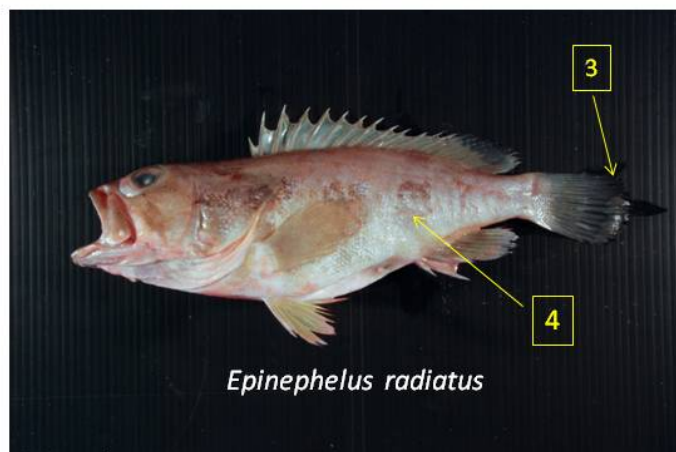
1. Caudal fin truncate
2. Darked large or small dots densely distributed on body



**Code: 00051**

**Family name :Serranidae**

- 1- Dorsal fin with 11spines
- 2- Anal fin with usually with 8 soft rays
- 3- Caudal fin rounded
- 4- Body with black –edged broad vermiculated light bands



**Code: 00066**

**Family name :Triglidae**

- 1- Second dorsal fin with 15 soft rays
- 2- Rostral spine slender
- 3- Cleithral spine present
- 4- Large dark spot on first dorsal fin
- 5- Small dark brown spots scattered on upper half of body

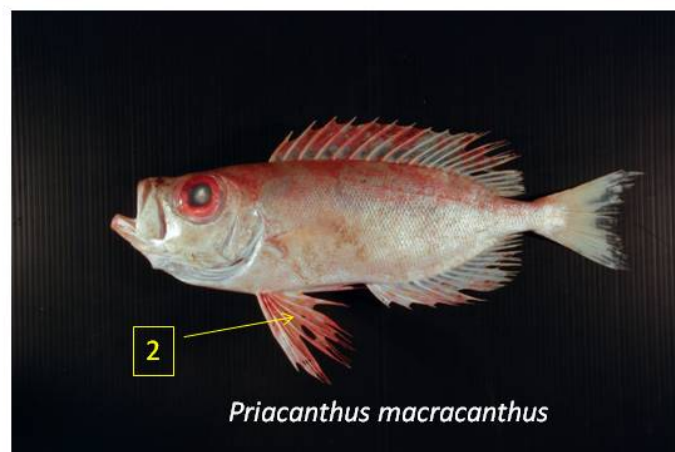


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**Code: 00069**

**Family name : Priacanthus**

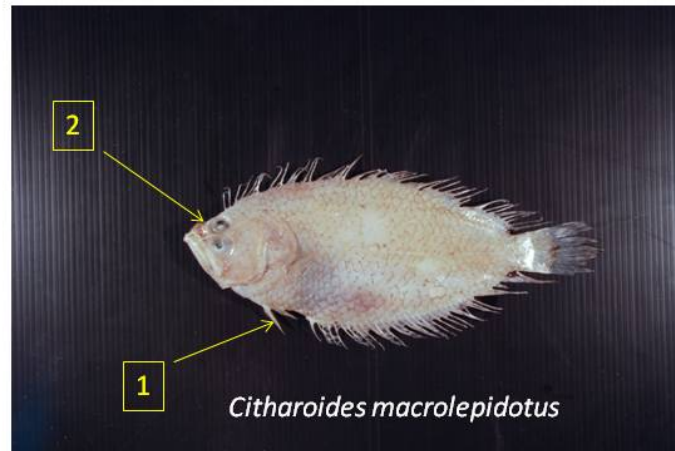
- 1- Caudal fin truncate, slightly shallowly emarginate
- 2- Dark and yellow spots scattered on dorsal, anal and caudal fins
- 3- Pelvic fin moderately, reaching to origin of anal fin when depressed



**Code:00070**

**Family name: Citharidae**

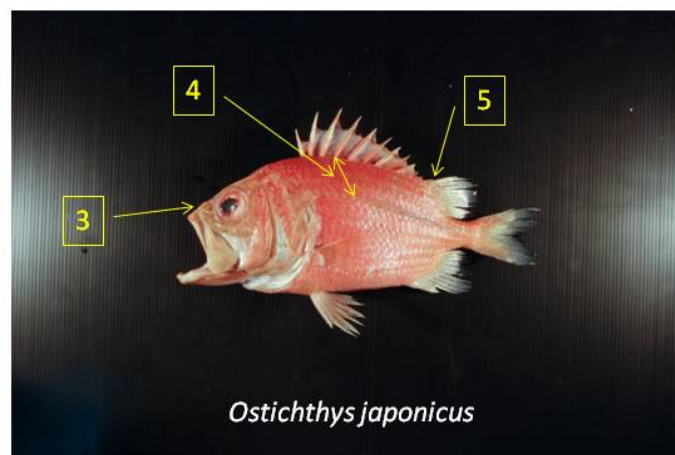
- 1- P<sub>2</sub> I, 5
- 2-Eye on left side of body
- 3- Dorsal surface of eye scaleless
- 4- soft rays of entire dorsal and anal fins branched



**Code: 00071**

**Family name- Holocentridae**

- 1- No long strong spine on postero-ventral corner of preopercle
- 2- Dorsal fin with 12 spines
- 3- Groove formed by both nasal bones V shaped
- 4- Trac : 3.5
- 5- Last dorsal spine longer than penultimate dorsal spine



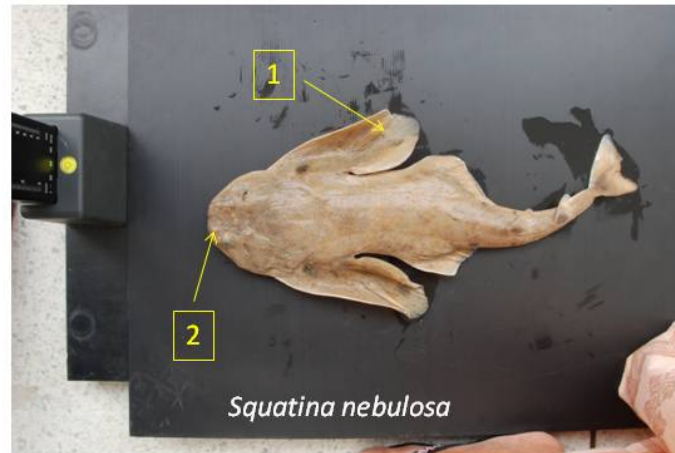
**Code: 00100**

**Family name : Squatinidae**

1- Outer corner of pectoral fin about 120 degree

2- Dermal fold between nasal barbals distinctly concave

(can be seen when viewed from dorsal side)



**Code: 00074**

**Family name: Ogcocephalidae**

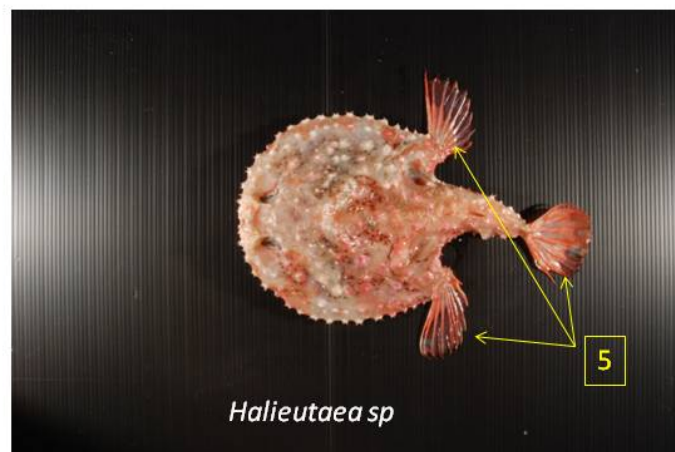
1- Body strongly depressed, forming disc

2- Body not soft

3- Occipital region not deep

4- Ventral side with many small spines

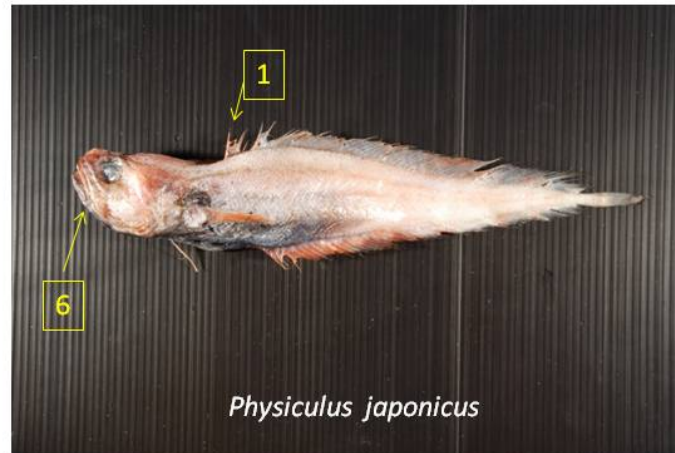
5- Margins of pectoral, caudal and fins black.



**Code:00136**

**Family name :Physiculus**

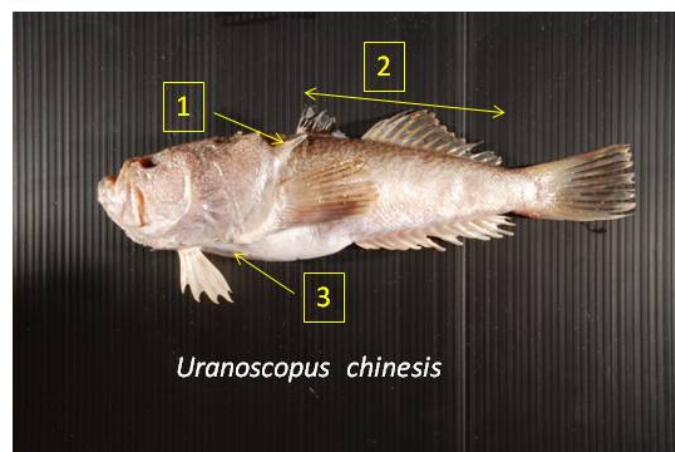
- 1- First dorsal fin notched
- 2- 2<sup>nd</sup> dorsal fin without notched
- 3- Pelvic fin 5 soft rays moderate in length
- 4- Origin of anal fin below origin of second dorsal fin,  
-dorsal fin not elongated into filament
- 5- Body pale brown
- 6- Lower jaw with burble



**Code:00147**

**Family name : Uranoscopeidae**

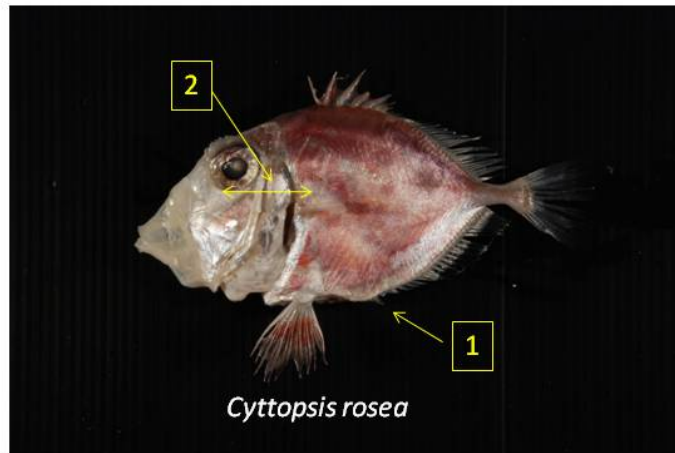
- 1- Cleithral spine strong  
Cleithral with stout spine
- 2- 2 separate dorsal fins
- 3- Pale small spots scattered on dorsal side of body
- 3- Preopercle with 4 or more spines on ventral margin



**Code:00135**

**Family name: Zeidae**

- 1-With spiny plates on ventral ridges of body between pelvic and anal fin
- 2-upper edge of pectoral fin base at same level as lower end of eye
- 3- Anal fin spine immovable



**Code:00133**

**Family name- Chaunacidae**

- 1-ridge of caudal fin, anal fin and dorsal fin are slightly black
- 2-no large yellow spots before dorsal fin when fresh
- 3-nasal cavity is V-shape

