

Annex 10/4: Identification Results

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Fish Identification Workshop Results

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Intro...

Stn. No.: **BTR A03**

Depth: **127 m.**

Drag Dist: **3.70 NM**

Date: **27-03-2009**

Vessel: **M/V SEAFDEC2**

Gear: **Beam Trawl**



Activity Pix...



ID References...

Key to the Family book...

Fishes of Japan I and II (by NAKABO)..

FAO Species Identification Guide



Results...

14 – families

17 - species

FAMILY	No. Species
Bothidae	1
Chamsodotidae	1
Chaunacidae	1
Citharidae	1
Dactylopteridae	1
Lophiidae	1
Ogcocephalidae	2
Ophidiidae	1
Samaridae	1
Scorpaenidae	3
Serranidae	1
Soleidae	1
Tetraodontidae	1
Triglidae	1

Results...

FAMILY	Genus	Species
Bothidae	Arnoglossus	macrolophus
Chamsodotidae	Chamsodon	longipinnis
Chaunacidae	Chaunax	abei
Citharidae	Citharoides	macrolepidotus
Dactylopteridae	Daicocus	peterseni
Lophiidae	Lophiodes	miacanthus
Ogcocephalidae	Halieutaea	sp. 1
	Halieutaea	sp. 3
Ophidiidae	Sirembo	imberbis
Samaridae	Samariscus	latus
Scorpaenidae	Hoplosebastes	armatus
	Neomerinthe	megalepis
	Thysanichthys	crossotus
Serranidae	Chelidoperca	sp.
Soleidae	Synaptura	marginata
Tetraodontidae	Chelodon	sp.
Triglidae	Pterygotrigla	hemisticta

Daicocus peterseni



Characteristics: Free space between elongated 1st free spine and spinous dorsal fin. D I, VI, 8, A 6, C 10, Pectoral 24.

Chaunax abei



Characteristics: posterior margin for esca reaching or extending past interior of eye; D 7, A 6, pectoral II...

Lophiodes miacanthus



Characteristics: 3rd dorsal fin spine is shorter than head length, extending past origin of the soft-rayed portion of the dorsal fin; humeral spine bifurcate; (sp. Key) – anterior gill slit extending dorsally over origin of pectoral fin.

Pterygotrigla (cf) hemisticta



Characteristics: Cleithral spine is long, large spot on 1st dorsal fin (sp. key) and small dark brown spots scattered on upper half of the body; (family) there is three separated pectoral fin (used in walking?) w/ bony plate in the head.

Sirembo (cf) imberbis



Characteristics: No barbels in snout; origin of pelvic fin below the eye with single soft ray; D 85, A 63, pectoral 25, C 10, Gill rakers 12...

***Halieutaea sp. 3* (Nakabo Book)**



Characteristics: Body depressed and tough, sparsely concave with bony tubercles or strong spines (fam. key); margins of pectoral, caudal and anal fins is black; redish in color with small dark spots on dorsal portion of the body...

Chelidoperca sp.



Characteristics: Under sub-family – Serraninae characterized by 10 dorsal spines; body with distinct dark blotch (red in color); pectoral and caudal fin emarginate – with one dorsal fin (D X, 10); A III, 16, Pectoral 15, Pelvic 6, C 16, LL 44...

Citharoides macrolepidotus



Characteristics: pectoral fin with one spine and 5 soft rays; branchiostegal membranes on both sides separated from each other; eyes on left side of the body pair of black blotches near posterior end of dorsal and anal fin bases...

Arnoglossus macrolophus



Characteristics: anterior/first 4 dorsal fin rays extremely elongated filamentously (sp. key); Lateral line absent on the blind side; mouth moderate or not reaching posterior edge of lower eye; base of pelvic fin on ocular side notably longer than that on blind side; HL/SL > or = 0.222 (this case 0.2739); HL-20mm, SL 73

Heteromycteris japonica



Characteristics: Mouth hooked, Blackish brown and white small spots scattered on ocular side, eyes on the right side of the body, D 71, A 54...

End...

Thank You...