

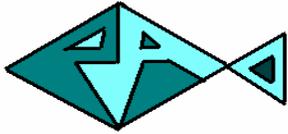
PESCAGALICIA-ARPEGA-OBARCO

ASOCIACIÓN DE ARMADORES DE BUQUES PESQUEROS

**ESPECIES ACCIDENTALES
EN LAS PESQUERIAS DE REDES DE ENMALLE
DE FONDO EN AGUAS DE LA UE**

JULIO 2013

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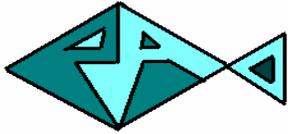
ASOCIACIÓN DE ARMADORES DE BUQUES PESQUEROS

COMENTARIOS DE "SEAS AT RISK" AND "BIRDLIFE INTERNATIONAL"

- Report of the results from UK observer trips in the westerly gillnet fishery for anglerfish, **2006** (CEFAS)
- Bajo impacto sobre pesca accidental de tiburones de aguas profundas
- Alto impacto sobre quimeras: Chimaera monstrosa; Hydrolagus mirabilis
- No ampliar en la zona de regulación CPANE



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ASOCIACIÓN DE ARMADORES DE BUQUES PESQUEROS

INFORMACION CIENTIFICA DE LAS QUIMERAS:

- Especie común (no incluida en especies sobreexplotadas)
- Especie no comercial. Carne no comestible
- Viven entre 1.000 y 2.000 metros de profundidad, en primavera se desplazan hasta 200 metros
- Se alimentan de crustáceos, moluscos, estrellas de mar y pequeños peces, especialmente de arenques
- Se pesca ocasionalmente con palangres o redes de fondo (cuando se desplazan en primavera); y también captura accesoria en la pesquería de arrastre de gambas



PESGALICIA-ARPEGA-OBARCO

ASOCIACIÓN DE ARMADORES DE BUQUES PESQUEROS

28.12.2002

ES

Diario Oficial de las Comunidades Europeas

L 351/9

L 351/10

ES

Diario Oficial de las Comunidades Europeas

28.12.2002

ANEXO I

Lista de especies de aguas profundas

Nombre científico	Denominación común
<i>Aphanopus carbo</i>	Sable negro
<i>Apristurus</i> spp	Pejegato islándico
<i>Argentina silus</i>	Pejerrey
<i>Beryx</i> spp.	Alfonsinos
<i>Centropristis granulatus</i>	Quelvacho
<i>Centropristis squamosus</i>	Quelvacho negro
<i>Centroscyllium fabricii</i>	Tollo negro merga
<i>Centroscymnus coelolepis</i>	Pa'iona
<i>Coryphaenoides rupestris</i>	Granadero
<i>Dalatias licha</i>	Lija negra o carochó
<i>Deania calceus</i>	Tollo pajarito
<i>Empothenus princeps</i>	Tollo lucero
<i>Empothenus spinax</i>	Negríto
<i>Galeus mediatomus</i>	Pinarroja bocanegra
<i>Galeus murinus</i>	Pinarroja islándica
<i>Hoplostethus atlanticus</i>	Reloj anaranjado
<i>Molva dypterygia</i>	Maruca azul
<i>Phycis blennoides</i>	Brótola de fango
<i>Centroscymnus crepidater</i>	Sapata negra
<i>Symnodon tingeris</i>	Alital
<i>Hexanchus griseus</i>	Cañabota gris
<i>Chlamydoselachus anguineus</i>	Tiburón lagarto
<i>Oxymonacanthus latidorsus</i>	Cerdo marino
<i>Somniosus microcephalus</i>	Tiburón boreal

ANEXO II

Lista complementaria de especies de aguas profundas mencionada en el artículo 9

Nombre científico	Denominación común
<i>Pagellus bogavero</i>	Besugo
<i>Chimaera monstrosa</i>	Borrico; quimera
<i>Macrourus berglax</i>	Granadero de roca
<i>Mora moro</i>	Mollera moranella
<i>Antimora rostrata</i>	Mollera azul
<i>Epigonus telescopus</i>	Boca negra
<i>Helicolenus dactylopius</i>	Gallineta; rascacio rubio
<i>Conger conger</i>	Congrio
<i>Lepidopus caudatus</i>	Pez sable
<i>Alepocephalus bairdii</i>	Alepocéfalo
<i>Lycodes esmarkii</i>	Lícodes
<i>Raja hyperborea</i>	Raya ártica
<i>Sebastes viviparus</i>	Gallineta o chancharro
<i>Hoplostethus mediterraneus</i>	Reloj
<i>Trachyscorpia cristulata</i>	Gallineta nórdica
<i>Raja nidarosensis</i>	Chunco de Noruega
<i>Chacoen (Geryon) affinis</i>	Cangrejo rojo
<i>Raja fyllae</i>	Chunco redondo
<i>Hydrolagus mirabilis</i>	Rata
<i>Rhinochimaera atlantica</i>	Rata atlántica
<i>Alepocephalus rostratus</i>	Alepocéfalo
<i>Polyprion americanus</i>	Cherna

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Hydrolagus mirabilis (Collett, 1904)

Large-eyed rabbitfish

Upload your photos and videos

Picture: Google Image



Hydrolagus mirabilis

Picture by IANABIRD

Add your observation in Fish Watcher



Hydrolagus mirabilis (Collett, 1904) Distribution: CDFP2013

Classification / Names Common names / Synonyms / Catalog of Fishes (gen., sp.) / ITIS / Col. / WoRMS / Gobi

Holocephali (chimaeras) > Chimaeriformes (Chimaeras) > Chimaeridae (Shortnose chimaeras or ratfishes)
Etymology: Hydrolagus: Greek, hydr = water + Greek, lagos = hare (Ref. 45335).

Environment / Climate / Range Ecology

Marine; bathydemersal; depth range 450 - 1200 m (Ref. 4443). Deep-water; 65°N - 27°N

Size / Weight / Age

Maternity: L₅₀ range 7 - 9 cm
Max length: 38.0 cm SL male unsexed; (Ref. 4443); 41.0 cm SL (female)

Distribution Countries / FAO areas / Ecosystems / Occurrences / Introductions / Fauna

Eastern Atlantic: southern coast of Iceland, Faeroe Islands to northern Spain; off Western Sahara, Senegal, and Namibia. Probably more widely distributed in deep water. Western Atlantic: off the Guianas (Ref. 13608).

Biology Glossary [Search] as keyword

Moderately common on continental slopes. Feeds on small fishes and invertebrates. Oviparous (Ref. 205). Eggs are encased in horny shells (Ref. 205).

Main reference Upload your references / References / Coordinator / Collaborators

Krefft, G., 1990. Chimaeridae. p. 111-113. In J.C. Quero, J.C. Hureau, C. Karrer, A. Post and L. Saldanha (eds.) Check-list of the fishes of the eastern tropical Atlantic (CLOFETA). INICT, Lisbon; SEI, Paris; and UNESCO, Paris. Vol. 1.

IUCN Red List Status (Ref. 90365) Threat to humans

■ Near Threatened (NT) ■ Harmless

Human uses

FAO(Publication : search) / FisheriesWiki / See Around Us

More information

Countries	Common names	Age Size	References	Collaborators
FAO areas	Synonyms	Growth	Aquaculture	Pictures
Ecosystems	Metabolism	Length-weight	Aquaculture profile	Stamps, Coins
Occurrences	Predators	Length-length	Strains	Sounds
Introductions	Ecotoxicology	Length-frequencies	Genetics	Ciguatera
Stocks	Reproduction	Morphometrics	Allele frequencies	Speed

Identification Portal



Fishes of the NE Atlantic and the Mediterranean

Large-eyed rabbitfish (*Hydrolagus mirabilis*)

Description

Classification

Synonyms

Literature

Multimedia

Map

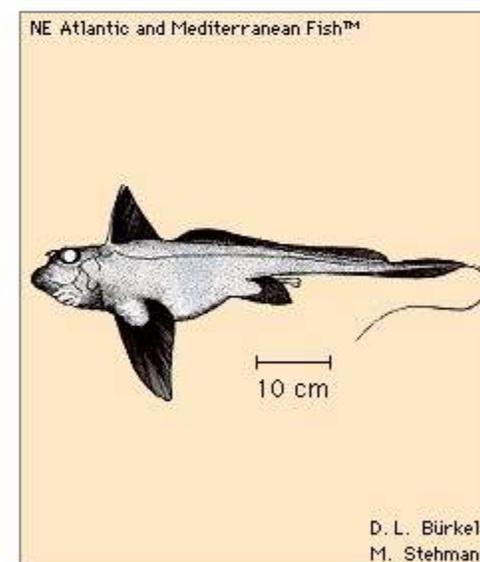
Links

Diagnosis: body greatly tapering from a massive head and trunk to a lancet-shaped caudal fin with a very long whip-like filament. Snout short, somewhat conical, overhanging mouth. First dorsal fin short based, triangular and high, with a strong spine in front joined nearly its whole length to the fin; second dorsal fin long, continuous to origin of upper caudal fin, not more than one-third height of first and with a marked concavity in the middle part; pectoral fins clearly reaching beyond origin of pelvic fins when laid back; anal fin continuous with caudal fin, the latter with upper and lower lobes much narrower than hind part of second dorsal fin. Skin entirely smooth except for denticles on male organs. *Colour:* uniformly dark brown, fins darker, caudal filament whitish. *Size:* to 80 cm TL (but undamaged filament may comprise a third of this).

Habitat: benthopelagic on continental slopes from about 450 m to 1,200 m and probably deeper; moderately common. *Food:* small fishes and invertebrates. *Reproduction:* oviparous; egg-capsules spindle-shaped, about 13 cm long (including the short pointed tip at one end and the long horny filament at the other).

Distribution: Atlantic coasts, from northern Spain northward to Iceland, but probably more widely distributed in deep water.

Eggs, embryonic and young stages. Holt & Byrne, 1910: 13, pl. IV (fig. 1-2) (eggpurse).



Chimaera monstrosa Linnaeus, 1758

Rabbit fish

Upload your photos and videos

[Picture](#) [Google image](#)


Chimaera monstrosa

Picture by Stross, E.

Add your observation in Fish Watcher

[Native range](#) [Penetration](#)


Chimaera monstrosa: Country Coordinates: 037248

Classification / Names
[Common names](#) | [Synonyms](#) | [Catalog of Fishes \(gen., sp.\)](#) | [ITIS](#) | [COL](#) | [WoRMS](#) | [Go to](#)
Holocephali (chimaeras) > *Chimaeriformes* (Chimaeras) > *Chimaeridae* (Shortnose chimaeras or rattfishes)Etymology: *Chimaera*: Latin, *chimaera* = marine monster, 1634 (Ref. 45335). More on author: [Linnaeus](#).**Environment / Climate / Range**[Ecology](#)

Marine; bathydemersal; oceanodromous (Ref. 51243); depth range 40 - 1000 m (Ref. 4443), usually 300 - 500 m (Ref. 4443). Deep-water; 75°N - 27°N, 32°W - 35°E

Length at first maturity / Size / Weight / AgeMaturity: L_m 45.9 range ? - ? cm

Max length: 150 cm TL male/unsexed; (Ref. 33383); max. published weight: 2.5 kg (Ref. 4645)

Distribution
[Countries](#) | [FAO areas](#) | [Ecosystems](#) | [Occurrences](#) | [Producers](#) | [Fauna](#)

Eastern Atlantic: northern Norway and Iceland, Skagerrak and Kattegat south to Morocco including western Mediterranean (some isolated records from eastern part), Azores and Madeira Islands. Records from South Africa are questionable. Reported from Oshima, Japan (FMNH 89161) (Ref. 27954).

Biology[Glossary](#) [no results](#)

Bathydemersal to benthopelagic generally between 300 and 500 m depth. Found in the upper continental slope. Usually found in deeper waters in southern latitudes, while making a summer inshore migration up to 40-100 m in the northern areas. Sluggish, usually occurring in small groups. Feeds mainly on bottom-living invertebrates. The single dorsal spine is sharp and pointed, and although only mildly venomous can inflict a painful wound. Oviparous. Males have a clasper on the forehead that is probably used to hold on to the female during copulation. Egg capsules are about 17 cm long; young look alike adults and hatch when 10 cm long. Common by-catch when trawling for shrimps in the North Sea or Skagerrak.

Main reference
[Upload your reference](#) | [References](#) | [Coordinator](#) | [Collaborator](#)

Krefft, G., 1990. Chimaeridae. p. 111-113. In J.C. Quero, J.C. Hureau, C. Karrer, A. Post and L. Saldanha (eds.) Check-list of the fishes of the eastern tropical Atlantic (CLOFETA). INICT, Lisbon; SEI, Paris; and UNESCO, Paris. Vol. 1.

IUCN Red List Status (Ref. 90365)

Near Threatened (NT)

Threat to humans

Traumatogenic (Ref. 4690)

Human uses

Fisheries: minor commercial

Identification Portal



Fishes of the NE Atlantic and the Mediterranean

Rabbitfish (*Chimaera monstrosa*)

Description

smooth except for denticles on male organs. *Colour*: blue or greenish-silvery on back and flanks, mottled longitudinally with brown spots and undulating stripes, sometimes in a net-like pattern, creamy below; fins greyish, a black margin to dorsal, anal and caudal fins. *Size*: to about 100 cm TL (depending on length of caudal filament).

Habitat: benthopelagic in the upper continental slope area at 300-500 m, occasionally to 1,000 m; common; usually found in deeper waters in southern latitudes, while in northern areas making a summer inshore migration to 40-100 m; sluggish, usually occurring in small groups. *Food*: mainly bottom-living invertebrates. *Reproduction*: oviparous; eggcapsules slender, club-shaped, with narrow lateral membranes and a horny filament at the long pointed end; deposited mainly in spring and summer.

Distribution: Atlantic coasts northward from Morocco (also Madeira and the Azores) to Iceland, northern part of Norway and northern North Sea, Skagerrak and Kattegat; also Mediterranean (only some isolated records from eastern part). Elsewhere, some records from South Africa, but questionable.

Eggs, embryonic and young stages. Grieg, 1896: 12-13, fig. 1 | Dean, 1906: 35, 113-114, fig. 17, 91-92 | Holt & Byrne, 1910: 9, pl. IV (fig. 3) (egg-purse).

Classification

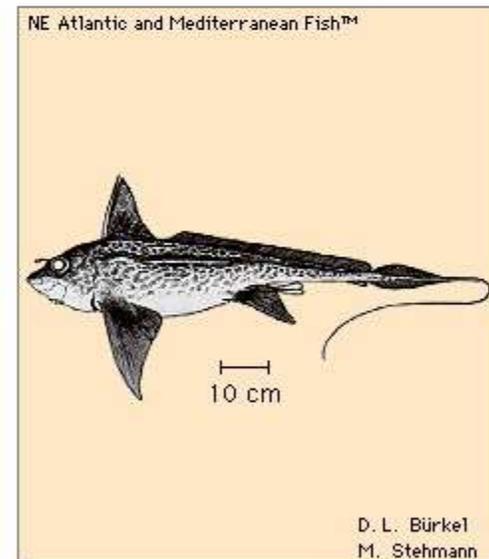
Synonyms

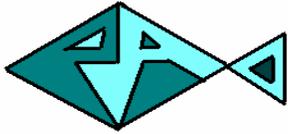
Literature

Multimedia

Map

Links





PESCAGALICIA-ARPEGA-OBARCO

ASOCIACIÓN DE ARMADORES DE BUQUES PESQUEROS

COMENTARIOS DEL SECTOR DE REDES DE ENMALLE:

- Especie no deseada
- Captura ocasional y estacional (solo en algunas zonas en ciertas épocas del año)
- Pesquería específica para la pesca de rape, si s detectan capturas no deseadas, se trasladan las redes a otra zona donde se puedan pescar rapes
- Proponer normativa similar a tiburones de aguas profundas (< 5% de capturas totales)



PESCAGALICIA-ARPEGA-OBARCO

ASOCIACIÓN DE ARMADORES DE BUQUES PESQUEROS

- Universidad de St Andrews.
- Estudio sobre capturas accidentales de cetáceos (2011)

Sea Mammal Research Unit porpoise entanglement programme: Set Nets

FORM A
MAIN TABLE: SET NET TRIP DETAILS

TRIP NUMBER: JPF 003

(This same number must appear on all sheets for this trip)

OBSERVER NAME: JUAN PABLO FORTI BERRATI	
VESSEL NAME: "MAR BLANCO"	
VESSEL PIN (Reg No): F083	RSS No (if known): 813307
SKIPPER'S NAME: JOSE ANTONIO ABESTIA CAMPANA	

PORT OF DEPARTURE	DATE	TIME (24h clock) UTC
COAUSA	3/1/11	14:00 UTC
VLLAPOOL	16/2/11	9:00 UTC

NUMBER OF FLEETS HAULED IN THIS TRIP: 400
 NUMBER OF FLEETS SET IN THIS TRIP: 100
 NUMBER OF NETS LOST: 0
 TOTAL NUMBER OF PORPOISES CAUGHT: 0
 TOTAL NUMBER OF DOLPHINS CAUGHT: 0
 TOTAL NUMBER OF SEALS CAUGHT: 0

INTENDED TARGET SPECIES THIS TRIP: 10 PHIPS PISCATORIUS
 TOTAL ESTIMATED LANDINGS: 132,902 kg
 WEIGHT UNIT: kg pounds ounces tonnes
 lbs kg ton (1 ton = 10 stons)

LANDINGS BY SPECIES			
Species	CRR	RSC	HAL
Amount	648	1963	128
Species			
Amount			

Pingers used on this trip? (YES) NO (delete ONE or circle ONE)

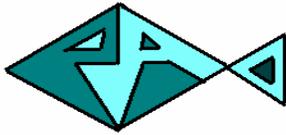
Time and date of office informant:

Photographs taken: yes no. Roll number: Frames

CRR: King Crab
 RSC: Raja clavata
 HAL: Halibut

Amount estimated by skipper

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ASOCIACIÓN DE ARMADORES DE BUQUES PESQUEROS

Sea Mammal Research Unit porpoise entanglement programme: Set Nets

FORM C

HAUL LOG -with pinger details

(Due to be completed for each haul, whether observed or not.)

TRIP NUMBER JPF003

HAUL NUM.	1	2	3	4	5
NET TYPE: (Gill set/ gill drift/ tangle/ trammel/ wreck)	tangle	"	"	"	"
OBSERVED (yes/no)	Yes	No	No	Yes	Yes
Clear View for drop-outs (yes/no)	Yes	"	"	"	"
DATE:	10-1-11	10-1-11	10-1-11	11-1-11	11-1-11
START TIME UTC	01:15	01:25	01:30	01:40	01:55
LATITUDE (start of fleet)	58° 48' N	58° 50' N	58° 51' N	58° 52' N	58° 53' N
LONGITUDE (start of fleet)	13° 48' W	13° 50' W	13° 51' W	13° 52' W	13° 53' W
END TIME UTC	02:30	02:30	02:30	02:30	02:30
LATITUDE (end of fleet)	58° 49' N	58° 53' N	58° 54' N	58° 55' N	58° 56' N
LONGITUDE (end of fleet)	13° 53' W	14° 00' W	14° 03' W	14° 07' W	14° 10' W
TARGET SPECIES	Angler fish	"	"	"	"
Main Catch (if different)	"	"	"	"	"
No of new holes if noted	-	-	-	-	-
Water Depth (m)	330	206	232	311	387
BOTTOM TYPE	Mud	Mud, Red	Sand	Mud	Mud
Sea State (Beaufort scale 0-6)	5	5-6	5-6	5-6	5
SOAK TIME	55	59	65	56	59
No of nets hauled this fleet	220	220	220	220	220
No of nets lost this fleet	0	0	0	0	0
FLEET TOTAL LENGTH (m)	5'4	5'4	5'4	5'4	5'4
Driftnet - Distance between floatline and surface	-	-	-	-	-
Set net - Distance between headline and seabed	0	0	0	0	0
NO. PORPOISES this fleet (Incl. Drop-outs)					
NO. DOLPHINS this fleet (Incl. Drop-outs)					
NO. SEALS this fleet (Incl. Drop-outs)					
NUMBER OF PINGERS USED	2	2	2		
*SEAL DAMAGE (total number of damaged fish)					

* also include number of seal damaged fish by species in fish catch log

NOTES:

Sea Mammal Research Unit porpoise entanglement programme: Set Nets

FORM C

HAUL LOG -with pinger details

(Due to be completed for each haul, whether observed or not.)

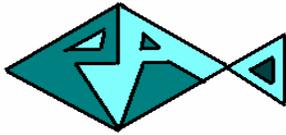
TRIP NUMBER JPF003

HAUL NUM.	46	47	48	49	100
NET TYPE: (Gill set/ gill drift/ tangle/ trammel/ wreck)	tangle	tangle	tangle	tangle	tangle
OBSERVED (yes/no)	Yes	Yes	Yes	Yes	Yes
Clear View for drop-outs (yes/no)	"	"	"	"	"
DATE:	13-1-11	14-1-11	14-1-11	14-1-11	14-1-11
START TIME UTC	01:30	02:15	04:05	04:00	06:30
LATITUDE (start of fleet)	58° 01' N	58° 07' N	58° 12' N	58° 17' N	58° 22' N
LONGITUDE (start of fleet)	13° 48' W				
END TIME UTC	01:45	02:40	04:20	04:05	06:10
LATITUDE (end of fleet)	58° 01' N	58° 00' N	58° 05' N	58° 09' N	58° 14' N
LONGITUDE (end of fleet)	13° 51' W	13° 47' W	13° 52' W	13° 51' W	13° 51' W
TARGET SPECIES	Angler fish				
Main Catch (if different)	"	"	"	"	"
No of new holes if noted	-	-	-	-	-
Water Depth (m)	324	260	270	272	284
BOTTOM TYPE	Mud	Mud	Mud, Red	Mud	Mud
Sea State (Beaufort scale 0-6)	3	3	3	3	2
SOAK TIME	71	69	67	64	62
No of nets hauled this fleet	220	220	220	220	220
No of nets lost this fleet	-	-	-	-	-
FLEET TOTAL LENGTH (m)	5'4	5'4	5'4	5'4	5'4
Driftnet - Distance between floatline and surface	-	-	-	-	-
Set net - Distance between headline and seabed	0	0	0	0	0
NO. PORPOISES this fleet (Incl. Drop-outs)					
NO. DOLPHINS this fleet (Incl. Drop-outs)					
NO. SEALS this fleet (Incl. Drop-outs)					
NUMBER OF PINGERS USED					
*SEAL DAMAGE (total number of damaged fish)					

* also include number of seal damaged fish by species in fish catch log

NOTES:

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ASOCIACIÓN DE ARMADORES DE BUQUES PESQUEROS

Sea Mammal Research Unit porpoise entanglement programme: Set Nets

FORM II

Trip Number: LPF003

FISH SPECIES CATCH LOG

[Score or count the number of fish of each species - add any others in end of form]

HAUL NO:	SPECIES (include any birds and invertebrates if possible*)	Amount of fish retained	Amount discarded	Units (Kg/box/individual)	Reason for discarding
1	Angler fish C.B.A.B. Equisetiformes Ray	1300	3 8 12	Kg Kg Kg	No. retained a. 2 retained No. retained
2	Angler fish Blow lamp Fork heads Equisetiformes Ray	1000	8 4 9	Kg Kg Kg	Forbidden KITSAN 2 kg No. retained
3	Angler fish Blow lamp Equisetiformes	900	9 6 13	Kg Kg Kg	No. retained Forbidden No. retained
4	Angler fish Blow lamp Equisetiformes	1500	8 14	Kg Kg	No. retained No. retained

- * Give species name or add description below if not known.
- If unit of measure is Kg or box, then where possible estimate no. of individuals per kg/box for some hauls.

Species	1 box = no. individuals	No. individuals per kg
Angler fish	big ones: 5-7 only * Not so big: 10-14 only	35 kg/box 30 kg/box
Ray	25 kg/box, piece (Harpag)	

* Have some flats in several hauls, 2 species: King Gulls and "spine comb" (no. retained 1000).
reason, that means "spine". The first one is retained, isolated and discarded the spider in

** Equisetiformes: on every haul there were sea urchins, starfish and Helotia, a % being the sea urchins. In most hauls, 90% with the 90% of a haul of the equisetiformes being.

Sea Mammal Research Unit porpoise entanglement programme: Set Nets

FORM II

Trip Number: LPF003

FISH SPECIES CATCH LOG

[Score or count the number of fish of each species - add any others in end of form]

HAUL NO:	SPECIES (include any birds and invertebrates if possible*)	Amount of fish retained	Amount discarded	Units (Kg/box/individual)	Reason for discarding
47	Angler fish Blow lamp Equisetiformes Ray	2100 50	18 2 73	Kg Kg Kg	No. retained No. retained No. retained
48	Angler fish Blow lamp Ray Blow lamp Blow lamp Equisetiformes	400 22 20	12 18 2	Kg Kg Kg	Forbidden Forbidden No. retained
49	Angler fish Blow lamp Blow lamp Equisetiformes	850 10	14 4	Kg Kg	No. retained No. retained
50	Angler fish Blow lamp Blow lamp Equisetiformes	2100 45	18 12 14	Kg Kg Kg	No. retained Forbidden No. retained

- * Give species name or add description below if not known.
- If unit of measure is Kg or box, then where possible estimate no. of individuals per kg/box for some hauls.

Species	1 box = no. individuals	No. individuals per kg
TOTAL CATCHES OBSERVED	ANGLER FISH	138 350 Kg
	C.B.A.B.	536 Kg
	HARROT	130 Kg
	RAY	1426 Kg

As it is shown above, total catches by observer are far less than estimated by skipper. This under estimation by observer is due to the lack of a strict arithmetical method, so this are rough calculations.

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PESCAGALICIA-ARPEGA-OBARCO

ASOCIACIÓN DE ARMADORES DE BUQUES PESQUEROS

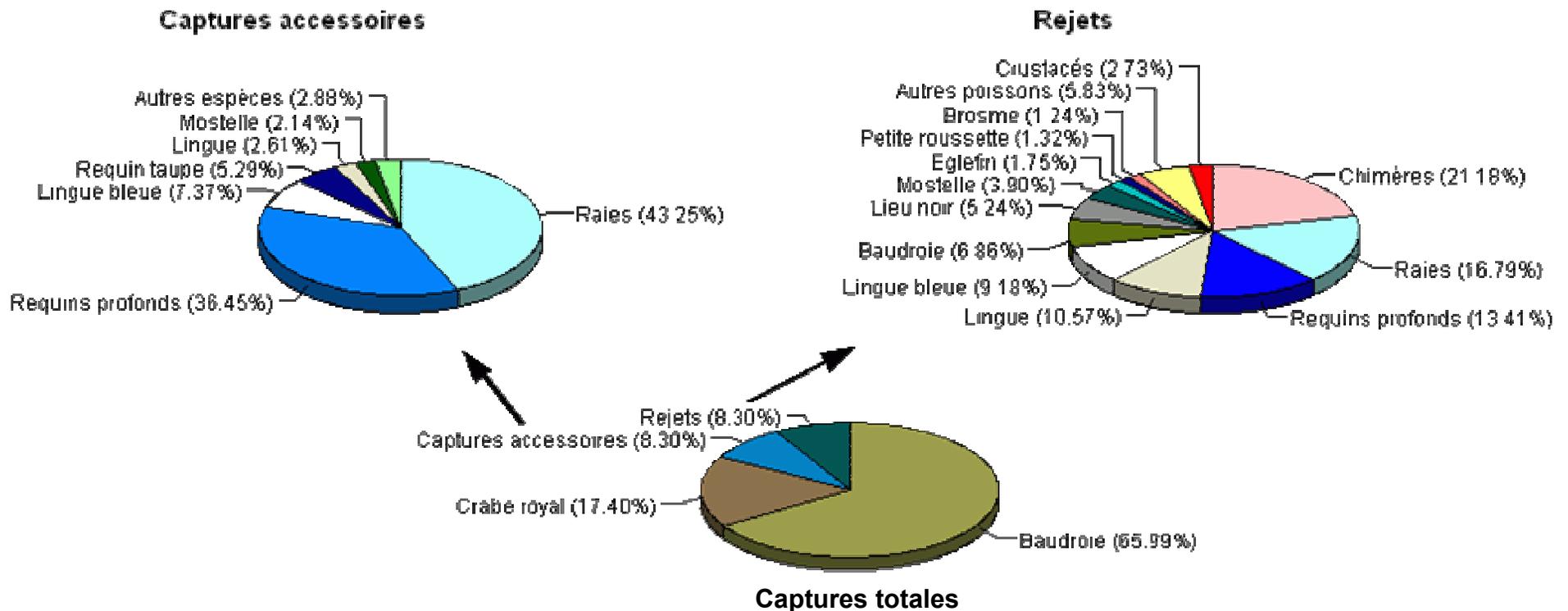
RESUMEN CONSUMO

	<u>APROVECHADO</u>	<u>DESCARTE</u>
ANGLERFISH	135350	
CRAB	478	
SPIDER CRAB		54
ROIDNOISE		750
EQUINODERM		1159
BLUE LING		805
FORKBEARD		105
RAY	2001	
SOLE		10
COMBER		78
HALIBUT	142	
LING	19	
TUSK		31
MEGRIM	6	
TOTAL	137998	2790
<u>%DESCARTES</u>		<u>2%</u>

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Les captures

- 66,0% de baudroies, 17,4% de crabes
- 8,3% de captures accessoires (hors crabe), 8,3% de rejets





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Appendix 3. Tow details and description of fishing gear and ghost catches retrieved.

Tow	ICES Division	Fishing Ground	Date	Time shot	Depth (m)	LAT	LONG	Time hauled	Depth (m)	LAT	LONG	Wind direction	Wind force	Swell (m)	Distance trawled (Nm) ¹	Gear retrieved	Quantity of gear	Mesh size (mm)	Catch retrieved
1	Via	Rosemary Bank	22/09	07:55	489	59 16.0	10 11.1	W 09:40	447	59 14.8	10 06.0	W NW	5	2	5.1	None			None
2	Via	Rosemary Bank	22/09	10:10	455	59 14.9	10 04.2	W 11:45	585	59 14.0	09 59.2	W NW	3-4	1	5.0	None			None
3	Via	Rosemary Bank	22/09	12:25	600	59 12.8	09 58.2	W 15:30	800	59 08.5	09 54.2	W Variable	3	1	4.6	None			None
4	Via	Rosemary Bank	22/09	16:25	817	59 08.0	09 54.0	W 19:40	1230	59 05.9	09 46.4	W Variable	3-4	1	7.7	None			None
5	Vib	S. of Outer Bailey	23/09	19:30	878	59 59.6	12 59.0	W 21:25	984	59 57.9	12 54.7	W WNW	6-7	4-5	4.4	None			None
6	Vib	S. of Outer Bailey	23/09	22:00	947	59 57.7	12 52.6	W 02:30	1039	59 55.5	12 35.2	W N	6	5	17.4	None			None
7	Via	SE. of Outer Bailey	24/09	06:40	1170	59 58.5	11 21.6	W 11:15	1203	59 54.6	11 13.1	W Variable	4-5	3-4	8.7	Wire - unknown	<2 m		None
8	Via	Little Bill Bailey	24/09	13:00	1140	59 53.4	10 45.1	W 15:10	1058	59 51.2	10 37.5	W Confused	4	1-2	7.7	Cable from trawl	200 m		None
9	Via	Little Bill Bailey	24/09	15:50	1066	59 50.8	10 37.8	W 16:30	1055	59 50.7	10 33.7	W Variable	4	1-2	4.1	None			None
10	Via	Little Bill Bailey	24/09	17:10	1053	59 50.7	10 33.4	W 19:30	1084	59 51.5	10 28.3	W SE	7	4	5.1	None			None
11	Via	South of Bailey	25/09	17:55	1120	59 58.7	09 53.4	W 22:00	1172	59 54.2	10 01.2	W N	5-6	4	8.1	None			None
12	Via	Rosemary Bank	26/09	00:40	1002	59 30.6	10 06.3	W 02:20	960	59 28.5	10 09.4	W SE	6-7	2-6	3.3	None			None
13	Via	Rosemary Bank	26/09	14:20	631	59 22.6	10 06.3	W 16:20	880	59 27.2	10 08.1	W SE	6-7	4-5	3.0	None			None
14	Via	Rosemary Bank	28/09	07:45	1154	58 59.9	10 11.7	W 10:50	787	59 05.0	10 14.4	W W	6	4	3.8	Part of gillnet	< 1 m ²	280	None
15	Via	Rosemary Bank	28/09	11:15	802	59 05.2	10 14.8	W 13:15	520	59 08.2	10 15.0	W W	6	4	1.6	Wire from trawl	20 m		None
16	Via	Rosemary Bank	28/09	13:30	537	59 09.1	10 16.2	W 17:53	809	59 06.7	10 25.5	W NW	5	3	9.4	None			None
17	Via	Rosemary Bank	28/09	17:05	762	59 05.8	10 25.6	W 21:00	814	59 07.4	10 32.0	W NW	5	3	6.5	None			None
18	Via	Rosemary Bank	28/09	21:56	1062	59 12.9	10 38.0	W 00:36	720	59 15.1	10 31.6	W NW	6	3-4	6.5	Crab pot	single		1 crab
19	Via	Rosemary Bank	29/09	01:00	780	59 14.9	10 31.5	W 03:30	383	59 15.2	10 22.4	W NW	4-5	2-3	9.1	Cod end	1 m ²	70	None
20	Via	Rosemary Bank	29/09	03:50	410	59 15.6	10 21.4	W 08:31	751	59 21.6	10 20.9	W NW	4-5	3-4	3.1	Part of gillnet	< 1 m ²	280	None
21	Via	Rosemary Bank	29/09	08:45	762	59 21.9	10 20.9	W 11:05	1045	59 24.2	10 25.4	W NW	4-5	3-4	4.6	None			None
22	Via	Rosemary Bank	29/09	12:26	510	59 17.9	10 09.1	W 15:25	668	59 19.5	09 58.2	W W	5	3-4	10.9	Long-line	400 m		None
23	Via	Rosemary Bank	29/09	16:00	820	59 21.3	09 52.1	W 18:35	1136	59 24.7	09 44.2	W Variable	2	1-3	8.1	None			None
24	Via	Rosemary Bank	29/09	19:58	1204	59 15.3	09 35.6	W 21:45	1080	59 14.6	09 42.0	W S	6-7	3-4	6.41	Part of gillnet	3-4 m ²	160	None

¹ from track plotter



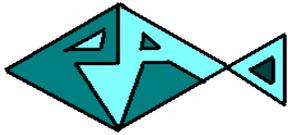
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Table 2.2.3 Monkfish tangle-net fishery. Catch (kg live weight) from the two monkfish gillnet fleets retrieved in the Irish retrieval survey in the SE slope of Rockall 2005 (Rihan & al 2005).

- **INFORME SOBRE PESQUERIAS DE ENMALLE DE AGUAS PROFUNDAS DE STECF (NOV/2006):**
- **Limitación de la profundidad de las redes de enmalle a 600 metros**
- **Informe Irlanda recuperación 2 redes, y no existen capturas importantes de tiburones de aguas profundas hasta 1000-1100 metros.**

Area	SE Rockall		South Porcupine	Both Areas
	650-800m	400-500m	1000-1100m	400-1100m
Nets (n)	350	130	150	630
Species	Haul 12	Haul 16	Haul 48	Total
Leafscale gulper shark <i>Centrophorus squamosus</i>	7		6209	6216
Monkfish <i>Lophius piscatorius</i>	2318	20		2338
Greenland Shark <i>Somniosus microcephalus</i>			1000	1000
Smoothhead <i>Alepocephalus borealis</i>			552	552
Shovelnose dogfish <i>Deania calceus</i>	7		384	391
Portuguese dogfish <i>Centroscymnus coelolepis</i>			240	240
Norwegian skate <i>Raja nidarosensis</i>	36			36
Mora <i>Mora moro</i>	13		19	32
Sixgill shark <i>Hexanchus griseus</i>			32	32
Black scabbard <i>Aphanopus carbo</i>			31	31
Common skate <i>Raja batia</i>	27			27
Rabbitfish <i>Chimaera monstrosa</i>	22			22
Kitefin Shark <i>Dalatias licha</i>	9.0			9.0
Sandy ray <i>Raja circularis</i>	8.1			8.1
Greater Forkbeard <i>Phycis blennoides</i>	6.5			6.5
Blue ling <i>Molva dypterygiya</i>	1.4		3.2	4.6
Large-eyed rabbitfish <i>Hydrolagus mirabilis</i>	2.7			2.7
Total fish	2457	20	8470	10947
Toothed rock crab <i>Cancer bellianus</i>		864		864
Deep water crab <i>Chaceon affinis</i>	271			271
Box Crab <i>Paramola cuvieri</i>	205	2052		2257
Total Crustaceans	475	2916	0	3391
Total Crustaceans and Fish	2932	2936	8470	14339



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COMENTARIOS DEL SECTOR DE REDES DE ENMALLE:

- Zona CPANE (NEAFC): No hay fondos inferiores a 200 metros (excepto Banco Rockall, pero prohibida la pesca para la protección de hábitats vulnerables)
- Más de 30 años de actividad pesquera en Area de Regulación CPANE, con sus correspondientes licencias y derechos de pesca, ahora vulnerados por otros segmentos de flota foráneos (Noruega, Islas Faroe, Islandia, Rusia, etc...)
- Establecer mismas condiciones de trabajo que en aguas comunitarias
- Dada la selectividad de estos artes de pesca, resultan óptimos para contribuir con las campañas científicas que permitan evaluar los recursos en aguas más profundas, y sobre especies particulares