

9.3.35 Roundnose grenadier (*Coryphaenoides rupestris*) in Divisions Xb and XIIC, and Subdivisions XIIa₁, XIVb₁, and Va₁ (Oceanic Northeast Atlantic and Northern Reykjanes Ridge)

ICES stock advice

ICES advises that when the precautionary approach is applied, landings should be no more than 717 tonnes in each of the years 2016 and 2017. ICES cannot quantify the corresponding catches.

Stock development over time

Substantial landings were recorded in the 1970s and 1980s. Since then, landings have been variable and at a considerably lower level.

Catches

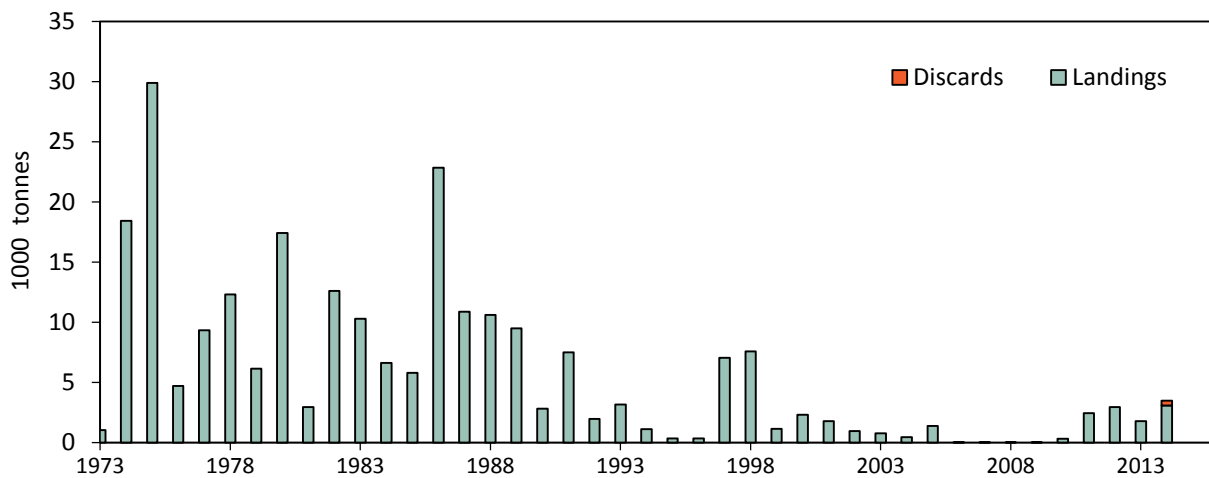


Figure 9.3.35.1 Roundnose grenadier in Divisions Xb and XIIC, and Subdivisions XIIa₁, XIVb₁ and Va₁. International Landings (in tonnes).

Stock and exploitation status

Table 9.3.35.1 Roundnose grenadier in Divisions Xb and XIIC, and Subdivisions XIIa₁, XIVb₁, and Va₁. State of the stock and fishery, relative to reference points.

		Fishing pressure				Stock size				
		2012	2013	2014		2013	2014	2015		
Maximum Sustainable Yield	F_{MSY}	?	?	?	Undefined	MSY	?	?	?	Undefined
Precautionary approach	F_{pa}, F_{lim}	?	?	?	Undefined	B_{pa}, B_{lim}	?	?	?	Undefined
Management Plan	F_{MGT}	-	-	-	Not applicable	SSB_{MGT}	-	-	-	Not applicable
Qualitative evaluation	-	?	?	?	Unknown	-	?	?	?	Undefined

Catch options

The ICES framework for category 4, 5, 6 stocks was applied (ICES, 2012). For stocks without information on abundance or exploitation, ICES considers that a precautionary reduction of catches should be implemented unless there is ancillary information clearly indicating that the current level of exploitation is appropriate for the stock.

The precautionary buffer (20% reduction in landings) was applied in the 2015 advice and the new data (catch statistics) available do not change the perception of the stock. Therefore the same catch advice (717 t) is still applicable for 2016 and 2017.

Table 9.3.35.2 Roundnose grenadier in Divisions Xb and XIIC, and Subdivisions XIIa₁, XIVb₁, and Va₁. Catch option table.

Recent advised catch (2015)			717 tonnes
Discard rate			Unknown
Precautionary buffer	Not applied		-
Catch advice			717 tonnes

Basis of the advice

Table 9.3.35.3 Roundnose grenadier in Divisions Xb and XIIC, and Subdivisions XIIa₁, XIVb₁, and Va₁. The basis of the advice.

Advice basis	Precautionary approach.
Management plan	There is no management plan for this stock.

Quality of the assessment

No abundance estimates are available for roundnose grenadier in these areas.

Issues relevant for the advice

No additional information is available for this stock.

Reference points

No reference points are defined for this stock.

Basis of the assessment

Table 9.3.35.4 Roundnose grenadier in Divisions Xb and XIIC, and Subdivisions XIIa₁, XIVb₁, and Va₁. The basis of the assessment.

ICES stock data category	5.2 (ICES, 2015).
Assessment type	No assessment.
Input data	Catch statistics.
Discards and bycatch	Discard data are included in catch data since 2014.
Indicators	None.
Other information	None.
Working group	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources (WGDEEP).

Information from stakeholders

There is no information from stakeholders for this stock.

History of advice, catch, and management

Table 9.3.35.5 Roundnose grenadier in Divisions Xb and XIIC, and Subdivisions XIIa₁, XIVb₁, and Va₁. History of ICES advice, the agreed TAC, and ICES estimates of catches. Weights in thousand tonnes.

Year	ICES advice	Predicted catch corresp. to advice	TAC EU Subareas VIII, IX, X, XII, and XIV	ICES catches Divisions Xb, XIIC, and Subdivisions Va ₁ , XIIa ₁ , XIVb ₁
2003	Fishery not allowed to expand, unless proven to be sustainable	-	-	0.782
2004	Biennial	-	-	0.465
2005	Fishery not allowed to expand, unless proven to be sustainable	-	7.19	1.399
2006	Biennial	-	7.19	0.001
2007	Fishery not allowed to expand, unless proven to be sustainable	-	6.114	0.002
2008	Biennial	-	6.114	0.013
2009	Fishery not allowed to expand, unless proven to be sustainable	-	5.197	0.005
2010	Biennial	-	5.197	0.242*
2011	Fishery should not be allowed to expand and a reduction in catches should be considered	-	4.573	2.443*
2012	No new advice, same as 2011		3.979	2.958
2013	20% reduction in catches (last 3 years' average)	< 1.35	3.581	1.789
2014***	No new advice, same as 2013	< 1.35	3.223	3.481
2015	2013 advice adjusted with updated catch data	< 0.717	3.644**	
2016	Maintain current catch advice	< 0.717	3.279**	
2017	Biennial	< 0.717		

* Data on catches were revised by WGDEEP 2014 (ICES, 2014).

** In the combined TAC for roundnose and roughhead grenadiers, roundnose grenadier cannot exceed 80% of the quota of each country.

*** Prior to 2014 the historical table of advice and TAC refers to landings.

History of catch and landings

Table 9.3.35.6 Roundnose grenadier in Divisions Xb and XIIC, and Subdivisions XIIa₁, XIVb₁, and Va₁. Catch distribution by fleet in 2014 as estimated by ICES.

Total catch	Commercial landings	Commercial discards
3 481 t	100% mid-water trawl	386 t
	3 095 t	

Table 9.3.35.7 Roundnose grenadier in Divisions Xb and XIIC, and Subdivisions XIIa1, XIVb1, and Va1. History of commercial catch and landings as estimated by ICES by area and country in tonnes.

Year	Div. Va*		Division Xb			Divisions XIIa* and XIIC						Division XIVb*					TOTAL	
	USSR/ Russia	Total	USSR/ Russia	Faroes*	Total	USSR/ Russia	Poland*	Latvia*	Faroes*	Spain*	Total	USSR/ Russia	Spain*	Total official	Unallocat ed	Discards* *		Total estimated
1980						17 419					17 419							17 419
1981						2 954					2 954	153		153				3 107
1982						12 472					12 472							12 472
1983						10 300					10 300							10 300
1984						6 637					6 637							6 637
1985						5 793					5 793							5 793
1986						22 842					22 842							22 842
1987						10 893					10 893							10 893
1988						10 606					10 606							10 606
1989						9 495					9 495							9 495
1990						2 838					2 838							2 838
1991						3 214		4 296			7 510							7 510
1992						295		1 684			1 979							1 979
1993				249	249	473		2 176	263		2 912							3 161
1994								675	457		1 132							1 132
1995									359		359							359
1996				3	3	208			136		344							347
1997				1	1	705	5 867		138		6 710	3 361		3 361				10 072
1998				1	1	812	6 769		19		7 600							7 601
1999				3	3	576	546		29		1 151							1 154
2000						2 325					2 325	5		5				2 330
2001						1 714			2		1 716	69		69				1 785
2002						737					737	4	235	239				976
2003						510					510		272	272				782
2004				1	1	436			8		444	201		201				646
2005				799	799	600					600							1 399
2006									1		1							1

Year	Div. Va*		Division Xb			Divisions XIIa* and XIIc						Division XIVb*					TOTAL		
	USSR/ Russia	Total	USSR/ Russia	Faroes*	Total	USSR/ Russia	Poland*	Latvia*	Faroes*	Spain*	Total	USSR/ Russia	Spain*	Total official	Unallocat ed	Discards* *		Total estimated	
2007									2		2							2	
2008						13					13							13	
2009						5					5							5	
2010			73		73								242	242				242	315
2011									3				2 440	2 440				2 440	2 443
2012										864			1 860	1 860	1 098			2 958	2 958
2013										118			1 789					1 789	1 789
2014									4		4		2 075	2 075	1 015	386		3 477	3 481

*ICES estimates.

** Preliminary.

Summary of the assessment

There is no assessment for the species in this areas; landings data only are used for advice.

Sources and references

- ICES. 2012. ICES Implementation of Advice for Data-limited Stocks in 2012 in its 2012 Advice. ICES CM 2012/ACOM:68. 42 pp.
- ICES. 2014. Report of the Working Group on Biology and Assessment of Deep-sea Fisheries Resources (WGDEEP), 4–11 April 2014, Copenhagen, Denmark. ICES CM 2014/ACOM:17. 862 pp.
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- ICES. 2015b. Report of the Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources (WGDEEP), 20–27 March 2015, ICES Headquarters, Copenhagen. ICES CM 2015/ACOM:17.