

### 9.3.38 Roundnose grenadier (*Coryphaenoides rupestris*) in Subareas I, II, IV, VIII, and IX, Division XIVA, and Subdivisions XIVb<sub>2</sub> and Va<sub>2</sub> (Northeast Atlantic)

#### ICES stock advice

ICES advises that when the precautionary approach is applied, landings should be no more than 65 tonnes in each of the years 2016–2017. ICES cannot quantify the corresponding catches.

#### Stock development over time

Landings for this stock are small and have declined to low levels in recent years.

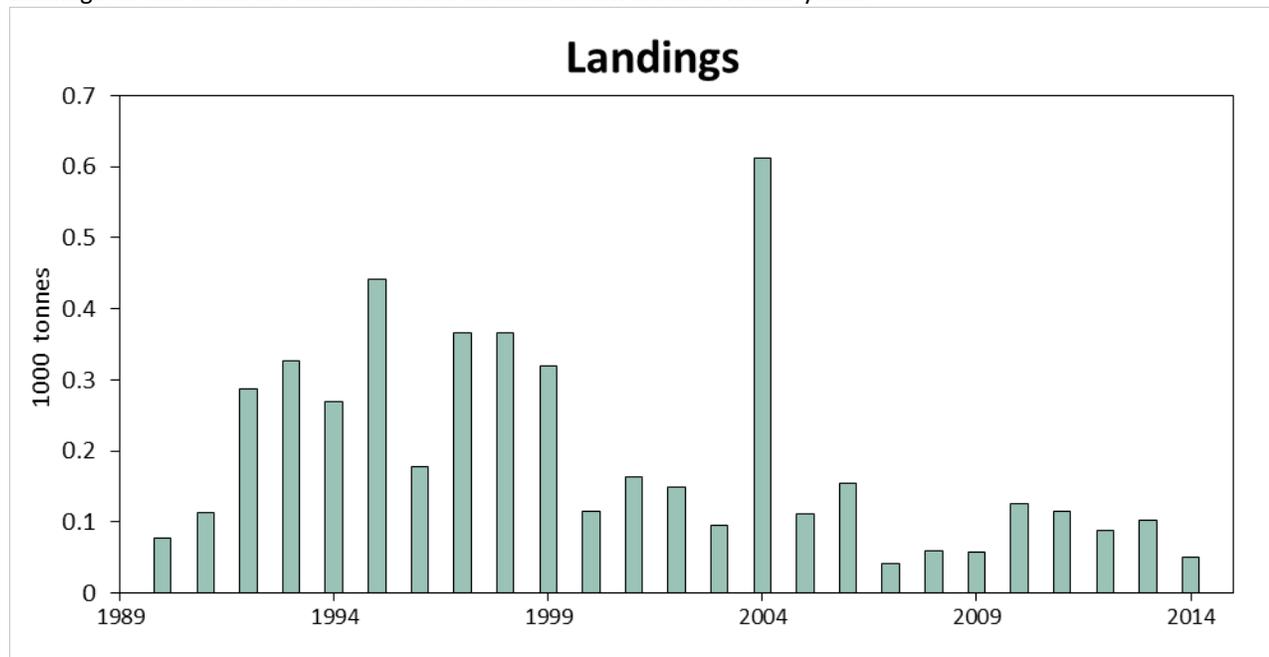


Figure 9.3.38.1 Roundnose grenadier in the Northeast Atlantic. Total landings (in thousand tonnes).

#### Stock and exploitation status

Table 9.3.38.1 Roundnose grenadier in the Northeast Atlantic. State of the stock and fishery, relative to reference points.

		Fishing pressure				Stock size				
		2012	2013	2014		2012	2013	2014		
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	-	?	?	?	Undefined	-	?	?	?	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. Because the precautionary buffer (20% reduction in catch) has not been applied in the past, the precautionary buffer has been applied in 2015.

**Table 9.3.38.2** Roundnose grenadier in the Northeast Atlantic. For stocks in ICES data categories 3–6, one catch option is possible.

Average landings (2012, 2013, 2014)		81 t
Discard rate		Unknown
Precautionary buffer	Applied	0.8
Landings advice *		65 t

\* (average landings × buffer).

**Basis of the advice**

**Table 9.3.38.3** Roundnose grenadier in the Northeast Atlantic. The basis of the advice.

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

**Quality of the assessment**

The available information is inadequate to evaluate stock status or trends.

**Issues relevant for the advice**

As this is a bycatch fishery, trends in landings may reflect changes in activity in other fisheries rather than in stock abundance. Landings in early years may include an element of species misidentification.

This assessment unit consists of a number of discrete areas in which only small catches of roundnose grenadier occur.

**Reference points**

No reference points are defined for this stock.

**Basis of the assessment**

**Table 9.3.38.4** Roundnose grenadier in the Northeast Atlantic. The basis of the assessment.

ICES stock data category	6.2 (ICES, 2015).
Assessment type	No assessment.
Input data	Landings data.
Discards and bycatch	Unknown.
Indicators	None.
Other information	None.
Working group	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources ( <a href="#">WGDEEP</a> ).

**Information from stakeholders**

No information is available for this stock.

**History of advice, catch, and management**

**Table 9.3.38.5** Roundnose grenadier in the Northeast Atlantic. History of ICES advice, the agreed TAC, and ICES estimates of landings. Weights in thousand tonnes.

Year	ICES advice	Predicted catch corresp. to advice	TAC EU Subareas VIII, IX, X, XII, and XIV	ICES landings* for the stock**
2003	Fishery not allowed to expand, unless proven to be sustainable	-	-	0.096
2004	Biennial	-	-	0.612
2005	Fishery not allowed to expand, unless proven to be sustainable	-	7.19	0.111
2006	Biennial	-	7.19	0.155
2007	Fishery not allowed to expand, unless proven to be sustainable	-	6.114	0.041
2008	Biennial	-	6.114	0.059
2009	Fishery not allowed to expand, unless proven to be sustainable	-	5.197	0.057
2010	Biennial	-	5.197	0.125
2011	Fishery should not be allowed to expand, and a reduction in catches should be considered	-	4.573	0.115
2012	No new advice, same as 2011	-	3.979	0.089
2013	Fishery not allowed to expand from 120 t, unless proven to be sustainable	< 0.12	3.581	0.103
2014	No new advice, same as 2013	< 0.12	3.223	0.051
2015	No new advice, same as 2013	< 0.12	3.644***	
2016	Precautionary approach with application of PA buffer	0.065	3.279***	
2017	Biennial	0.065		

\* Revised. Earlier French landings that reached 562 t were assigned to this species; however, a recent revision of the data indicates that previous landings are more likely to correspond to roughhead grenadier.

\*\* In Subareas I, II, IV, VIII, and IX, Division XIVa, and Subdivisions Va<sub>2</sub> and XIVb<sub>2</sub>.

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

**History of catch and landings**

**Table 9.3.38.6** Roundnose grenadier in the Northeast Atlantic. Catch distribution by fleet in 2014 as estimated by ICES.

Total catch	Commercial landings	Commercial discards
0.051 kt	100% bottom trawl (as bycatch).	Unknown
	0.051 kt	

**Table 9.3.38.7** Roundnose grenadier in the Northeast Atlantic. History of commercial landings as estimated by ICES, by area and country (tonnes).

Year	Subareas I and II								Subarea IV					Subdivision Va <sub>2</sub>				Subareas VIII and IX			Subdivision XIVb <sub>2</sub>								Unallocated	TOTAL		
	Faroes	Denmark	Germany	Norway	Russia/USSR	Germany	UK (E+W)	Total	France	Germany	Norway	UK (Scot)	Denmark	Total	Faroes	Iceland**	Norway	Total	France	Spain	Total	Faroes	Germany	Greenland	Iceland	Norway	UK (E+W)	UK (Scot)			Russia	Total
1990			2		12	3		17		2			2		7		7	5		5		45	1				1			47		78
1991			3	28				31		4			4		48		48	1		1		23	4				2			29		113
1992		1		29				30				4	1	5	210		210	12		12		19	1	4	6			1		31		288
1993				2				2		4			4		276		276	18		18		4	18		4				26		326	
1994			12					12		2		25	27		210		210	5		5		10	5						15		269	
1995								0		1			16		398		398			0		13	14						27		441	
1996								0				7	12	1	139		140	1		1		6	19						25		178	
1997	1			100				101				10	10		198		198			0	6	34	12		7				59		366	
1998				87	13			100					0		120		120	1	19	20	1	116	3			6			126		366	
1999				44	2			46			5		5		129		129	9	7	16		105	0		19				124		320	
2000								0					0		54		54	4		5		41	11		5				57		116	
2001						2		2				17	17		40		40	7		7		11	5		7	2	72		97	208	163	
2002				11	1			12			1	26	27		60		60	3		3		25	5		15	1	1		47	504	149	
2003				4				4			1	11	12		57		57	2		2			15		5	1			21	952	96	
2004				27				27				1	371	372	181		181	2		2		27	3						30		612	
2005				12				12			2		2		76		76	8		7			7		6	1			14		111	
2006				6	2			8			4		4		62		62	27	1	28		35	0		17				52		155	
2007				11	1			12			1		1	1	13	2	16	10		10	1				1				2		41	
2008				10				10					0		29		29	8		5									12		59	
2009				9				8					0		46		46	1		11					1	1			2		57	
2010				17	6			23			2	0	2		59		59	1		1		33			7				40		125	
2011				16				16			0	0	0		62		62	1		1		32			4				36		115	
2012				5				5			1		1	0	80		81	0		0					1				1		89	
2013				17				17					0		84		84	0		0					2				2		103	
2014*				4				4		3			3		36		36	0		0					7				7		51	

\* Preliminary data.

\*\* Includes other grenadier species from 1990 to 1996.

## Summary of the assessment

There is no assessment summary for this stock.

## 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. 2015. Advice basis. *In* Report of the ICES Advisory Committee, 2015. ICES Advice 2015, Book 1. In preparation.