

## Roughsnout grenadier (*Trachyrincus scabrus*) in subareas 1–2, 4–8, 10, 12, 14, and Division 3.a (Northeast Atlantic and Arctic Ocean)

### ICES advice on fishing opportunities

ICES advises that when the precautionary approach is applied, there should be no directed fisheries for roughsnout grenadier and bycatch should be minimized for each of the years 2021 to 2025.

Note: This advice sheet is abbreviated due to the Covid-19 disruption. The previous advice issued for 2016 to 2020 is attached as Annex 1

### Stock development over time

Due to misidentification and misreporting of this species, it is not possible to provide an overview of landings. In recent years, there have been no reported catches or discards of this species.

### Stock and exploitation status

**Table 1** Roughsnout grenadier in the Northeast Atlantic. State of the stock and the fishery, relative to reference points.

		Fishing pressure			Stock size					
		2017	2018	2019	2017	2018	2019			
Maximum sustainable yield	$F_{MSY}$	?	?	?	Unknown	$MSY B_{trigger}$	?	?	?	Unknown
Precautionary approach	$F_{pa}, F_{lim}$	?	?	?	Unknown	$B_{pa}, B_{lim}$	?	?	?	Unknown
Management plan	$F_{MGT}$	—	—	—	Not applicable	$B_{MGT}$	—	—	—	Not applicable
Qualitative evaluation	-	?	?	?	Unknown	-	?	?	?	Unknown

### Catch options

Few data are available for this species, and the reported landings data are considered to be species misreporting and misidentification. Therefore, it is currently not possible to provide quantified advice on fishing opportunities for roughsnout grenadier. Following the precautionary approach and given the sensitivity of the species to exploitation, ICES advises no directed fishery.

### History of advice, catch and management

**Table 2** Roughsnout grenadier in the Northeast Atlantic. History of ICES advice.

Year	ICES advice	Predicted catch corresp. to advice
2016	No directed fishery and catch counted against TAC for roundnose grenadier	-
2017	No directed fishery and catch counted against TAC for roundnose grenadier	-
2018	No directed fishery and catch counted against TAC for roundnose grenadier	-
2019	No directed fishery and catch counted against TAC for roundnose grenadier	-
2020	No directed fishery and catch counted against TAC for roundnose grenadier	-
2021	Precautionary approach, no directed fisheries, and bycatch should be minimized	-
2022	Precautionary approach, no directed fisheries, and bycatch should be minimized (same as for 2021)	-
2023	Precautionary approach, no directed fisheries, and bycatch should be minimized (same as for 2021)	-
2024	Precautionary approach, no directed fisheries, and bycatch should be minimized (same as for 2021)	-
2025	Precautionary approach, no directed fisheries, and bycatch should be minimized (same as for 2021)	-

## Summary of the assessment

There is no assessment for roughsnout grenadier in the Northeast Atlantic.

## Sources and references

ICES. 2020. Working Group on the Biology and Assessment of Deep-sea Fisheries Resources (WGDEEP). ICES Scientific Reports, 2:38. <http://doi.org/10.17895/ices.pub.6015>.

*Recommended citation:* ICES. 2020. Roughsnout grenadier (*Trachyrincus scabrus*) in subareas 1–2, 4–8, 10, 12, 14, and Division 3.a (Northeast Atlantic and Arctic Ocean). In Report of the ICES Advisory Committee, 2020. ICES Advice 2020, tsu.27.nea. <https://doi.org/10.17895/ices.advice.5766>.

### 9.3.35 Roughsnout grenadier (*Trachyrincus scabrus*) in the northeast Atlantic

#### ICES stock advice

ICES advises that for the years 2016–2020 there should be no directed fisheries for roughsnout grenadier, and bycatch should be counted against the TAC for roundnose grenadier to minimize the potential for species misreporting.

#### Stock development over time

Landings for this species has only been reported in 2012, amounting to 57 t for the whole northeast Atlantic.

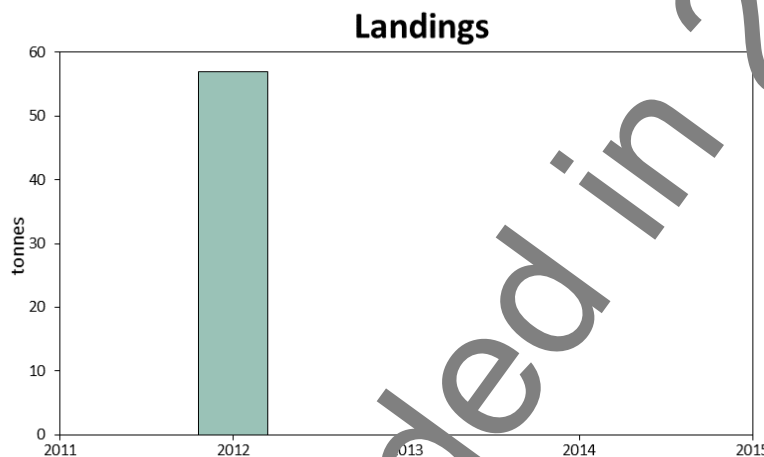


Figure 9.3.35.1 Roughsnout grenadier in the northeast Atlantic. Reported landings in tonnes.

#### Stock and exploitation status

Table 9.3.35.1 Roughsnout 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	$F_{MSY}$	?	?	?	MSY	?	?	?	Undefined
Precautionary approach	$F_{pa}$ , $F_{lim}$	?	?	?	$B_{pa}$ , $B_{lim}$	?	?	?	Undefined
Management Plan	$F_{MGT}$	-	-	-	$SSB_{MGT}$	-	-	-	Not applicable
Qualitative evaluation	-	→	→	→	-	?	?	?	Undefined

#### Catch options

There is no basis for catch options for this stock. The only available information is landings from 2012 (57 t). ICES advises that there should be no directed fisheries for roughsnout grenadier and that bycatch of roughsnout grenadier should be counted against the TAC for roundnose grenadier to minimize the potential for species misreporting.

#### Basis of the advice

Table 9.3.35.2 Roughsnout grenadier in the northeast Atlantic. The basis of the advice.

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

## Quality of the assessment

Due to the small size of the species it is not normally landed for human consumption. The reported landings of the species may be due to species misreporting. The distribution and status of the species has been reviewed and the Scottish deep-water survey index in ICES Division VIa shows stability. However, the reported landings stem from Divisions XIIa and XIVb.

## Issues relevant for the advice

This species should not be subject to individual species TAC regulation or a separate advice sheet. There is no basis for future advice without reliable data. This advice is valid for five years.

## Reference points

No reference points are defined for this stock.

## Basis of the assessment

**Table 9.3.35.3** Roughsnout grenadier in the northeast Atlantic. The basis of the assessment.

ICES stock data category	6.2 (ICES, 2015).
Assessment type	No assessment.
Input data	2012 landings.
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 9.3.35.4** Roughsnout grenadier in the northeast Atlantic. History of ICES advice, the agreed TAC, and ICES estimates of landings (tonnes).

Year	ICES advice*	Predicted catch corresp. to advice	ICES landings
2012		-	57
2013		-	
2014		-	
2015		-	
2016	No directed fishery and catch counted against TAC for roundnose grenadier	-	
2017	No directed fishery and catch counted against TAC for roundnose grenadier	-	
2018	No directed fishery and catch counted against TAC for roundnose grenadier	-	
2019	No directed fishery and catch counted against TAC for roundnose grenadier	-	
2020	No directed fishery and catch counted against TAC for roundnose grenadier	-	

\* This is the first year that ICES gives advice on this species.

## History of catch and landings

**Table 9.3.35.5** Roughsnout grenadier in the northeast Atlantic. Catch distribution reported to ICES.

Total catch (2012)	Commercial landings	Commercial discards
0.057 kt	100% bottom trawl	Unknown
	0.057 kt	

**Table 9.3.35.6** Roughsnout grenadier in the northeast Atlantic. Landings in tonnes.

Year	Spain	Spain	Spain	Spain	Total
	Division VIb	Division XIIa	Division XIIb	Division XIVb	
2012		54		3	57
2013					
2014					

**Summary of the assessment**

There is no assessment for roughsnout grenadier in the northeast Atlantic.

**Sources and references**

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

Advice provided in 2015