

9.3.42 Red (=blackspot) seabream (*Pagellus bogaraveo*) in Subarea 10 (Azores grounds)

ICES stock advice

Please note: An updated version of this advice is available at ICES (2017)

ICES advises that when the precautionary approach is applied, catches should be no more than 400 tonnes in each of the years 2017 and 2018. All catches are assumed to be landed.

Stock development over time

Catches have been stable since 2010.

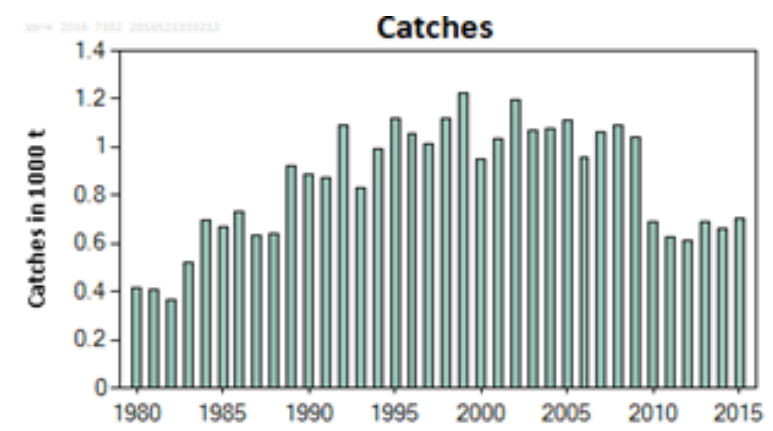


Figure 9.3.42.1 Red (= blackspot) seabream in Subarea 10. Catches from Subdivision 10.a.2 (Azores).

Stock and exploitation status

Table 9.3.42.1 Red (= blackspot) seabream in Subarea 10. State of the stock and fishery relative to reference points.

		Fishing pressure				Stock size			
		2013	2014	2015		2014	2014	2015	
Maximum sustainable yield	F_{MSY}	?	?	?	Undefined	MSY	?	?	?
Precautionary approach	F_{pa} , F_{lim}	?	?	?	Undefined	$B_{trigger}$?	?	?
Management plan	F_{MGT}	-	-	-	Not applicable	B_{pa} , B_{lim}	?	?	?
Qualitative evaluation	-	?	?	?	Unknown	SSB_{MGT}	-	-	-
							?	?	?
									Unknown

Catch options

The ICES framework for category 5 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 was last applied in 2012 and has not been applied again.

Table 9.3.42.2 Red (= blackspot) seabream in Subarea 10. For stocks in ICES data category 5, one catch option is provided.

Recent advised catch	400 tonnes		
Discard rate	Negligible		
Precautionary buffer	Not applied	-	

Catch advice*	400 tonnes
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* =Recent advice catch.

Basis of the advice

Table 9.3.42.3 Red (= blackspot) seabream in Subarea 10. The basis of the advice.

Advice basis	Precautionary approach
Management plan	There is no management plan for red seabream in this area.

Quality of the assessment

No new survey information has been available since 2013 and therefore ICES cannot provide an assessment of the stock.

Issues relevant for the advice

Survey data are available from the Azores (1995–2013). This survey was the only source of information on stock trends and it has not been conducted since 2013. Resuming this survey would provide information for use in providing advice on fishing opportunities.

Reference points

There are no reference points for this stock.

Basis of the assessment

Table 9.3.42.4 Red (= blackspot) seabream in Subarea 10. The basis of the assessment.

ICES stock data category	5 (ICES, 2016a)
Assessment type	No assessment (ICES, 2016b)
Input data	Catches
Discards and bycatch	Discarding is considered negligible.
Indicators	None
Other information	Last benchmarked in 2010 (WKDEEP; ICES, 2010). Survey data are no longer available to apply the benchmark method.
Working group	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources (WGDEEP)

Information from stakeholders

There is no information from the stakeholders for this stock.

History of the advice, catch, and management

Table 9.3.42.5 Red (= blackspot) seabream in Subarea 10. ICES advice, the agreed TAC, and landings. Weights are in thousand tonnes.

Year	ICES advice	Predicted catch corresp. to advice	EU TAC Subarea 10	ICES landings Subarea 10
2003	*	-	1.136	1.1
2004	*	-	1.136	1.1
2005	*	-	1.136	1.1
2006	*	-	1.136	1.0
2007	*	-	1.136	1.1
2008	*	-	1.136	1.0
2009	Constrain catches to average catches 2003–2007	1.05	1.136	1.0
2010	Biennial	1.05	1.136	0.68
2011	Less than 1050 t and a reduction in catches should be considered	1.05	1.136	0.62
2012	No new advice, same as 2011	1.05	1.136	0.61
2013	Reduce catches by 40%	0.4	1.022	0.69
2014	No new advice, same as 2013	0.4	0.922	0.66
2015	Same catch advice as 2013	0.4	0.678	0.70
2016	No new advice, same as 2013	0.4	0.507	
2017	Precautionary approach (same value as advised catches for 2016)	≤0.4		
2018	Precautionary approach (same value as advised catches for 2016)	≤0.4		

* Previous to 2008, the advice was for the entire ICES area.

History of catch and landings

Table 9.3.42.6 Red (= blackspot) seabream in Subarea 10. Catch distribution by fleet in 2015 as estimated by ICES.

Total catch (2015)	Landings	Discards
701 tonnes	100% longliners and hand line	No discards
	701 tonnes	

Table 9.3.42.7 Red (= blackspot) seabream in Subarea 10. Catches inside and outside the NEAFC Regulatory Area (RA) as estimated by ICES. Weights are in tonnes.

Year	Inside the NEAFC RA	Outside the NEAFC RA	Total catch
1988			637
1989			924
1990			889
1991			874
1992			1090
1993			830
1994			989
1995			1115
1996			1052
1997			1012
1998			1119
1999			1222
2000			947
2001			1034
2002			1193
2003			1068
2004			1075
2005			1113
2006			958
2007			1063
2008			1089
2009			1042
2010			687
2011			624
2012			613
2013			692
2014	0	663	663
2015	0	701	701

Summary of the assessment

There is no assessment for this stock.

Sources and references

ICES. 2010. Report of the Benchmark Workshop on Deep-water Species (WKDEEP), 17–24 February 2010, Copenhagen, Denmark. ICES CM 2010/ACOM:38. 247 pp.

ICES. 2012. ICES Implementation of Advice for Data-limited Stocks in 2012 in its 2012 Advice. ICES CM 2012/ACOM 68. 42 pp.

ICES. 2016a. General context of ICES advice. *In* Report of the ICES Advisory Committee, 2016. ICES Advice 2016, Book 1, Section 1.2.

ICES. 2016b. Report of the Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources (WGDEEP), 20–27 April 2016, ICES Headquarters, Copenhagen. ICES CM 2016/ACOM:17.