

# Assessment of South Africa South coast southern spiny lobster (*Palinurus gilchristi*)

Assessment ID: MARAM-SSLOBSTERSASC-1973-2008-Johnston  
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/133>

Area ID: South Africa-DETMCM-SASC

## General assessment details.

Detail	Value
Management body	DETMCM
Assessment group	Marine Resource Assessment and Management Group, Department of Mathematics and Applied Mathematics, University of Cape Town, Rondebosch, 7701, South Africa
Assessment authors	Johnston SJ
Assessment method	Statistical catch-at-age model
Publication year	
Timeseries span	1973-2008
Document	Johnston-SASouthRockLobster-2008.pdf (pdf in database)
Recorder	Johnston
Date entered	2009-02-12
Date last loaded	2009-03-17
QA/QC complete	NO
Date approved	

Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

primary LME			secondary LME	tertiary LME	
30 - Agulhas Current			na	na	
Parameter	Value	Units	Reference points		
			Parameter	Value	Units
REC-AGE-yr	0	yr			
F-AGE-yr-yr	0-20	yr-yr			
A50-yr	10	yr	Blim-MT (SSB)	249	MT
M-1/yr	0.1	1/yr	SSB0-MT (SSB)	782	MT
SSB-AGE-yr			R0-E00	958	E00
TB-AGE-yr			BH-h-dimless	0.713	dimless
M			$SSB_{2008}/B_{lim}$	0.999	
L50-cm					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1973	1973	1973	1973	1973
Maximum year	2008	2008	2008	2008	2008
Time series minimum	248.76	0.48642	0.107	465.44	122
Time series maximum	781.67	2.27674	0.991	1712.58	973
Units	MT	E03	1/yr	MT	MT

