

# Assessment of New Zealand common gemfish (*Rexea solandri*)

Assessment

ID:NZMFishMIDDEPTHSWG-GEMFISHNZ-1952-2007-JENSEN

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/182>

Area ID: New Zealand-MFish-NZ

General assessment details.

Detail	Value
Management body	MFish
Assessment group	Middle Depths Working Group
Assessment authors	Cordue, PatrickL.
Assessment method	CASAL
Publication year	
Timeseries span	1952-2007
Document	CORDUEperscomm.pdf (pdf not in database)
Recorder	JENSEN
Date entered	2009-03-11
Date last loaded	2011-07-25
QA/QC complete	YES
Date approved	2011-06-10

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

primary LME	secondary LME	tertiary LME
46 - New Zealand Shelf	na	na

  

Parameter	Value	Units
REC-AGE-yr	1	yr
TB-AGE-yr	1	yr
A50-yr	8	yr
M-1/yr	0.24	1/yr
SSB-AGE-yr		
SSB-SEX-sex		
F-AGE-yr		
M		
L50-cm		

  

Parameter	Reference points	
	Value	Units
SSB0-MT (SSB)	11484.666666666667	MT
MSY-MT (TB)	1432.042733333333	MT
SSBmsy-MT (SSB)	1803.026166666667	MT
Fmsy-1/yr (F)	0.2895666666666667	1/yr
BH-h-dimless	0.9	dimless
$F_{2007}/F_{msy}$	0.429	
$SSB_{2006}/SSB_{msy}$	1.636	

Time series minima and maxima				
	SSB	R	F	TB
Minimum year	1952	1952	1952	1952
Maximum year	2006	2005	2007	2006
Time series minimum	2825.23	408.241333333333	0.00153075366666667	7086.31
Time series maximum	11450.2	8519.18333333333	0.188977266666667	23459.0666666667
Units	MT	E03	1/yr	MT

