

Dear Beth,

Thank you sincerely for submitting assessments to the Myers II database. We have entered 15 of your assessments, and now wish to quality assure/quality control (QA/QC) these data for a release version of the database. Please follow the steps below to ensure that your assessments have been dutifully represented:

QA/QC steps

For each assessment:

1. Ensure that the General assessment details are correct.
2. Ensure that the units for all Biometrics and Time Series shown are correct. To aid in this, we have included the minimum, maximum, first year, and last year of the spawning stock biomass, recruitment, fishing mortality, total biomass, and catch (where provided).
3. If there are blank values in the Biometrics table, please include these in your response (see below), where they are available. Please note that in the Biometrics table, the following abbreviations are used:
 - SSB-AGE-yr = Ages for which the spawning stock biomass is defined
 - REC-AGE = Age at recruitment
 - F-AGE-yr = Ages for which the fishing mortality is defined
 - TB-AGE-yr = Ages for which the total biomass is defined
 - M = Natural mortality
 - A50-yr = The age at 50% maturity
 - L50-cm = The length at 50% maturity
 - MORATOR-yr-yr = Moratorium years
 - LME = Large Marine Ecosystem
4. To ensure that the recruitment time series has been offset by the age at recruitment so that yearclass matches up with spawner biomass, please make sure that the difference between the last year of the recruitment and last year of the SSB time series is equal to the age at recruitment supplied (unless there is another reason, e.g. estimates unavailable).
5. Provide Large Marine Ecosystem (LME) designation(s) for your stock (unless it is a high seas stock). Please enter a primary, secondary and tertiary LME (if they exist) in the issue you submit (see below). A map of the LMEs is provided on the last page of this document.

QA/QC submission process

If you (or someone else) submitted the assessments via the RAM legacy site, please log into : <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting> and locate the issue(s) associated with your spreadsheet submission(s). Once you locate your assessment, open the associated issue and choose "Add response". At the top of this response write:

QAQC: Assessment ID (this ID is located at the top of each assessment in the current document)

If you did not submit via the RAM Legacy site, please go to the url above and click "Submit a new issue" with the title: *QAQC: Assessment ID* (located at the top of each assessment in this pdf).

If you found no issues with the QA/QC document, please type:

"QA/QC correct". If you have found issues, please update the assessment spreadsheet accordingly or write the details of corrections to be made in the dialogue box. Once we have received and processed your response, the assessment will be flagged as quality controlled and the data it contains will be used for analyses.

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Assessment of Southeast Australia bight redfish (*Centroberyx gerrardi*)

Assessment ID:CSIRO-BIGHTREDSE-1958-2007-FULTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/100>

Area ID: Australia-AFMA-SE

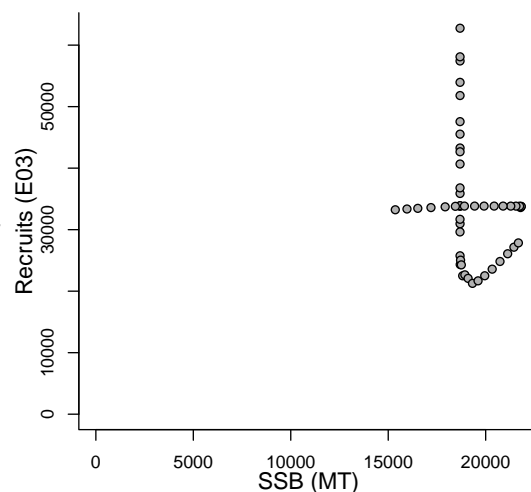
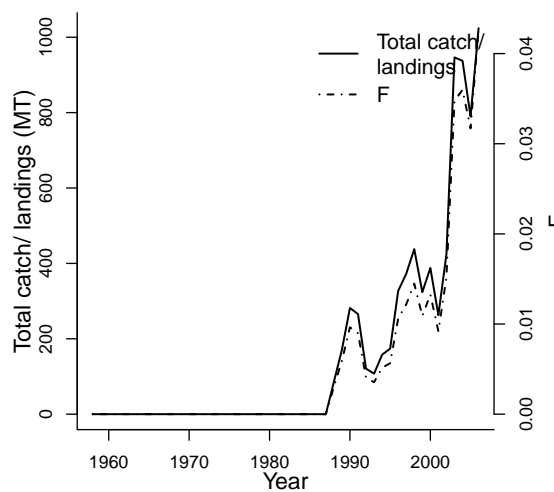
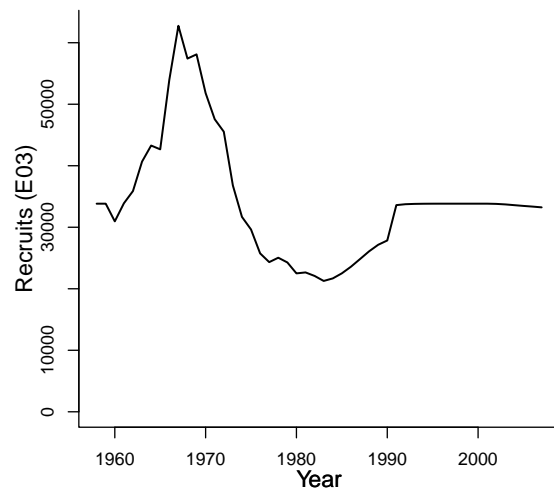
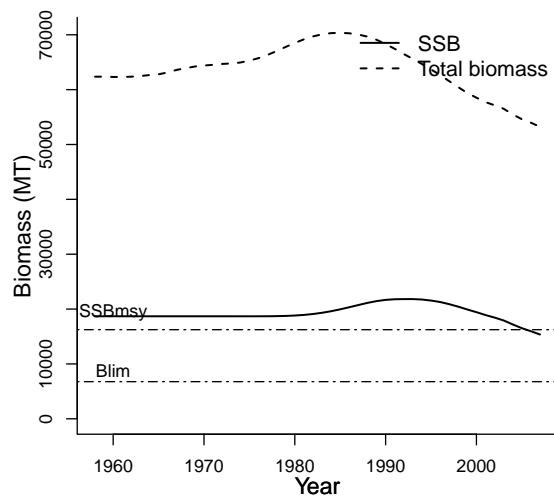
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Klaer, Neil
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1958-2007
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2009-06-11
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME	
43 - Southwest Australian Shelf			na	na	
Parameter	Value	Units			
REC-AGE-yr	0	yr	Reference points		
TB-AGE-yr	0	yr	Parameter	Value	Units
L50-cm	25	cm	Blim-MT (TB)	6766.72	MT
M-1/yr	0.1	1/yr	SSBmsy-MT (SSB)	16240.128	MT
SSB-AGE-yr			SSB_{2007}/SSB_{msy}	0.946	
F-AGE-yr					
M					
A50-yr					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1958	1958	1958	1958	1958
Maximum year	2007	2007	2006	2007	2006
Time series minimum	15362.4	21270.1	0	53216.3	0
Time series maximum	21821.5	62750.4	0.0428162	70359.9	1023.91
Units	MT	E03	ratio	MT	MT



Assessment of Northern Australia brown tiger shrimp (*Penaeus esculentus*)

Assessment ID:CSIRO-BTSHRIMPNAUST-1970-2006-FULTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/95>

Area ID: Australia-AFMA-NAUST

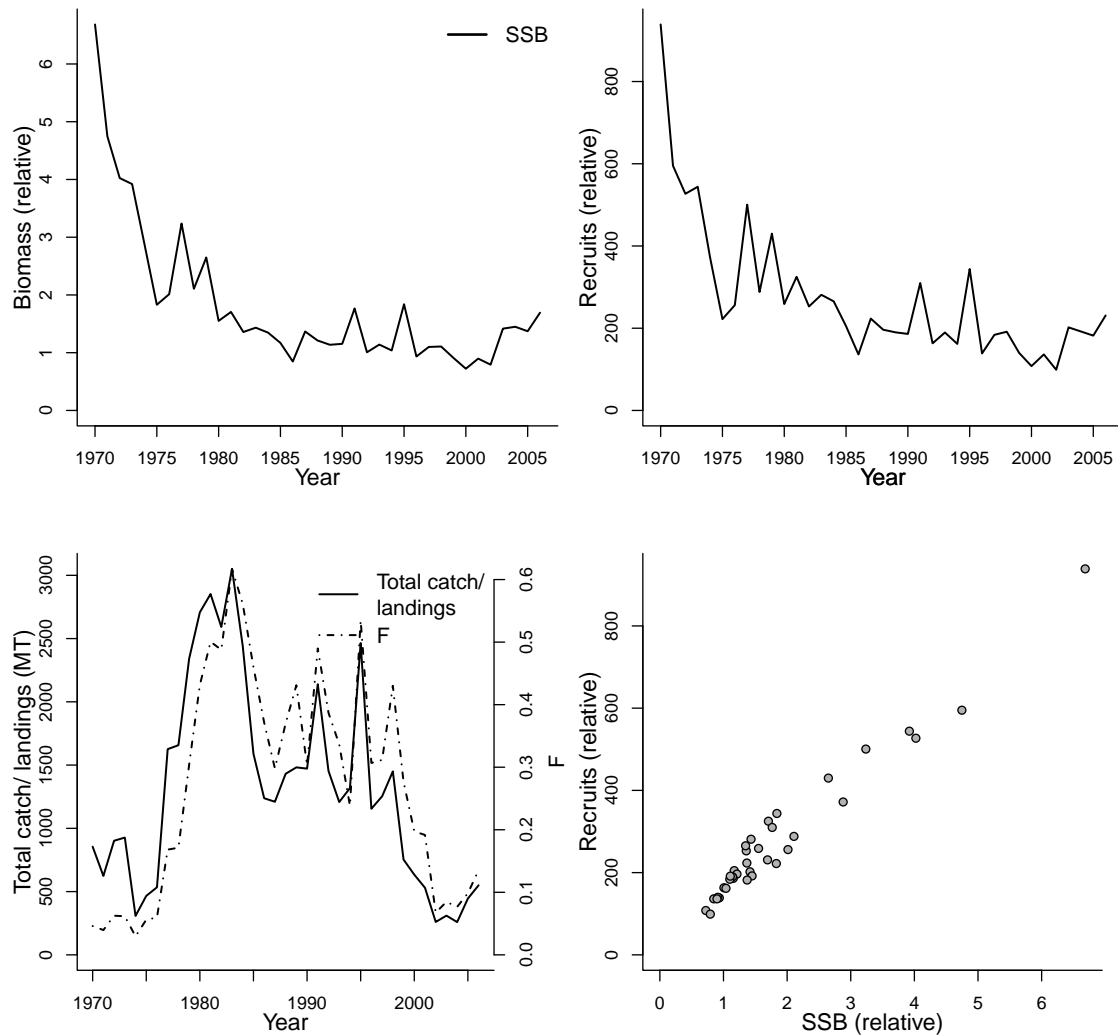
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Dichmont, Cathy
Assessment method	Delay difference model
Publication year	2007
Timeseries span	1970-2006
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2009-06-11
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME
39 - North Australian Shelf			na	na
Parameter	Value	Units		
L50-cm	3	cm		
REC-AGE				
SSB-AGE-yr				
TB-AGE-yr				
F-AGE-yr				
M				
A50-yr				

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1970	1970	1970		1970
Maximum year	2006	2006	2006		2006
Time series minimum	0.72243	98.99525	0.0295093220851858		259
Time series maximum	6.6843	938.7785	0.61709282583037		3051
Units	relative	relative	1/yr		MT



Assessment of Southeast Australia deepwater flathead (*Platycephalus conatus*)

Assessment ID:CSIRO-DEEPFLATHEADSE-1978-2007-FULTON
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/99>

Area ID: Australia-AFMA-SE

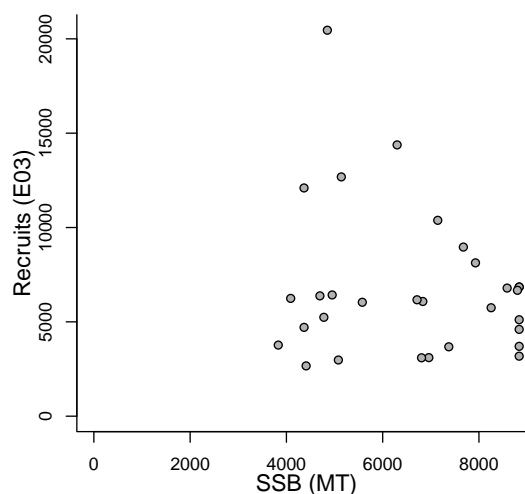
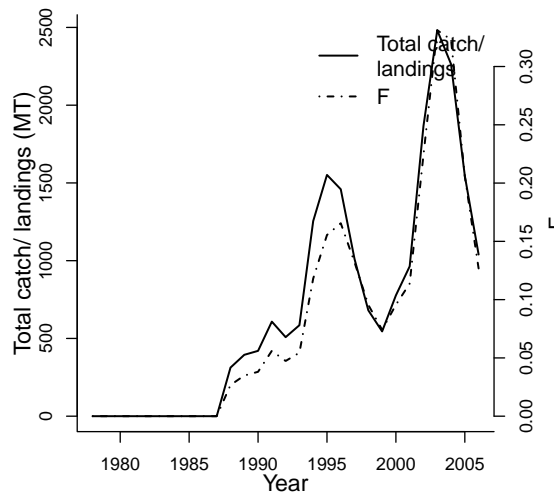
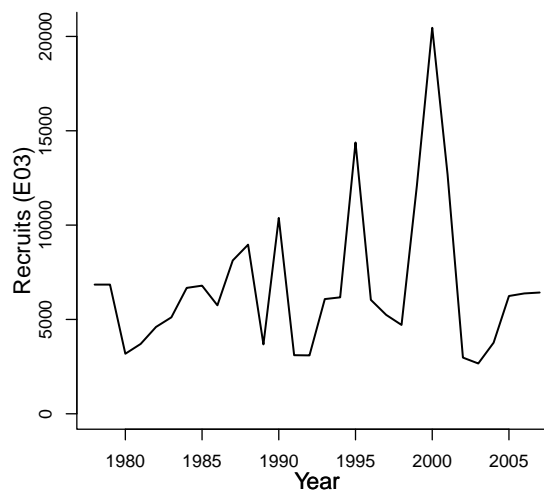
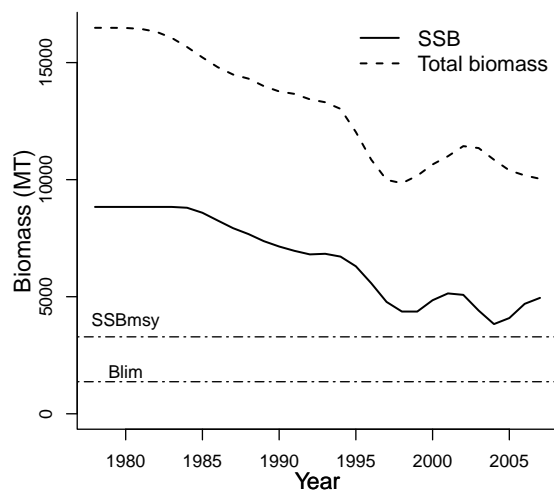
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Klaer, Neil
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1978-2007
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2009-06-11
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME	
43 - Southwest Australian Shelf			na	na	
Parameter	Value	Units			
REC-AGE-yr	0	yr	Reference points		
TB-AGE-yr	0	yr			
A50-yr	5	yr	Parameter	Value	Units
L50-cm	40	cm	Blim-MT (TB)	1369.38	MT
M-1/T	3.2494	1/T	SSBmsy-MT (SSB)	3286.512	MT
M-1/yr	0.2	1/yr	BH-h-dimless	0.85	dimless
SSB-AGE-yr			SSB_{2007}/SSB_{msy}	1.506	
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1978	1978	1978	1978	1978
Maximum year	2007	2007	2006	2007	2006
Time series minimum	3831.04	2666.02	0	9848.87	0
Time series maximum	8835.63	20457.5	0.331154	16486	2482.09
Units	MT	E03	ratio	MT	MT



Assessment of Southeast Australia common gemfish (*Rexea solandri*)

Assessment ID:CSIRO-GEMFISHSE-1966-2007-FULTON

Issue URL: <http://www.marinemarinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/88>

Area ID: Australia-AFMA-SE

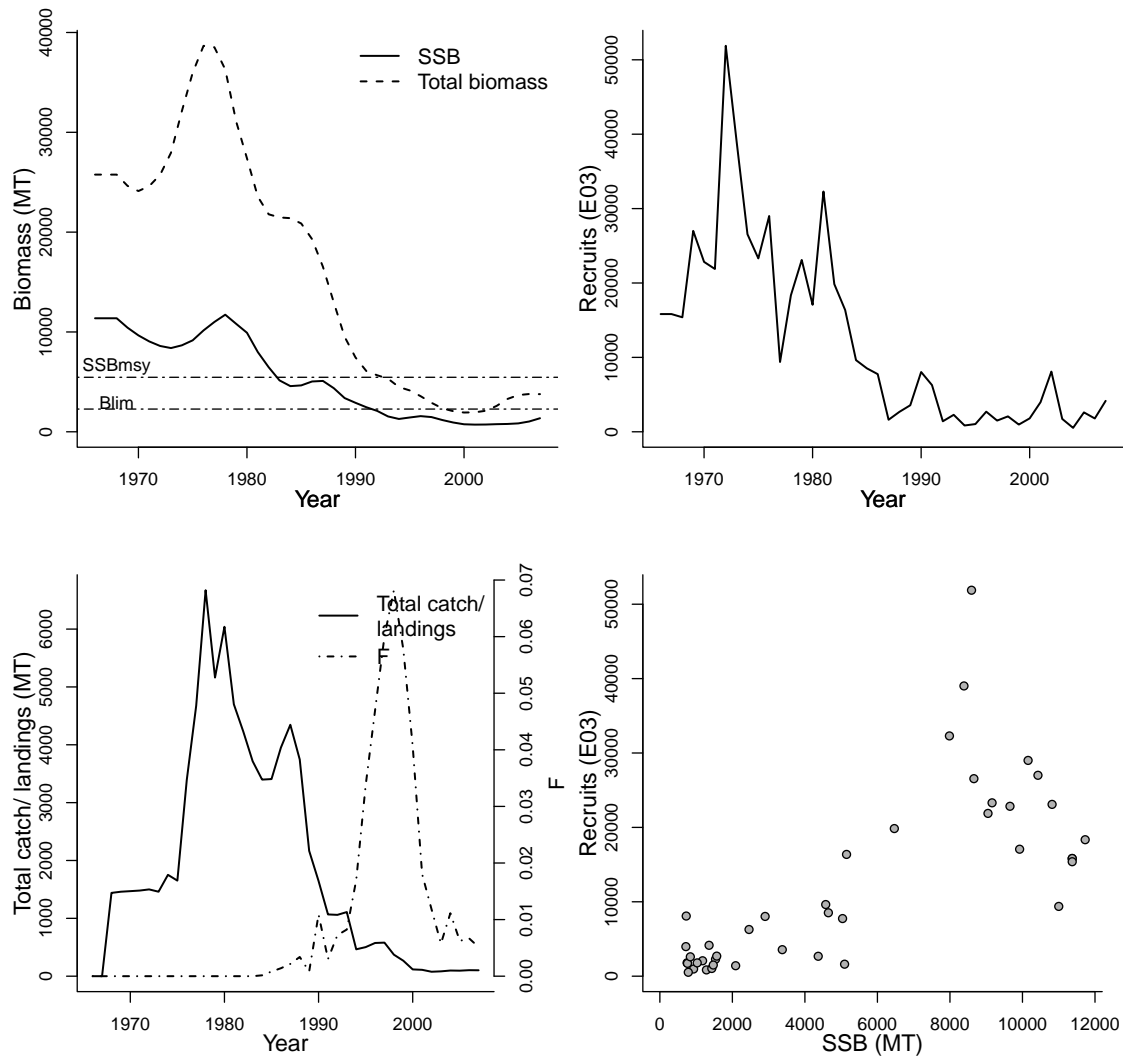
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Little, Rich
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1966-2007
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2009-06-11
QA/QC complete	YES
Date approved	2009-04-22

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

primary LME			secondary LME	tertiary LME	
42 - Southeast Australian Shelf			na	na	
Parameter	Value	Units	Reference points		
SSB-AGE-yr	3	yr	Parameter	Value	Units
TB-AGE-yr	0	yr	Blim-MT (TB)	2274.3	MT
A50-yr	3	yr	SSBmsy-MT (SSB)	5458.32	MT
L50-cm	70	cm	BH-h-dimless	0.75	dimless
REC-AGE			SSB_{2007}/SSB_{msy}	0.249	
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1966	1966	1966	1966	1966
Maximum year	2007	2007	2007	2007	2007
Time series minimum	717.45	527.877	0	1929.18	0
Time series maximum	11729.3	51881.3	0.068202	38665.4	6672
Units	MT	E03		MT	MT



Assessment of Northern Australia grooved tiger prawn (*Penaeus semisulcatus*)

Assessment ID:CSIRO-GTPRAWNNAUST-1970-2006-FULTON
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/102>

Area ID: Australia-AFMA-NAUST

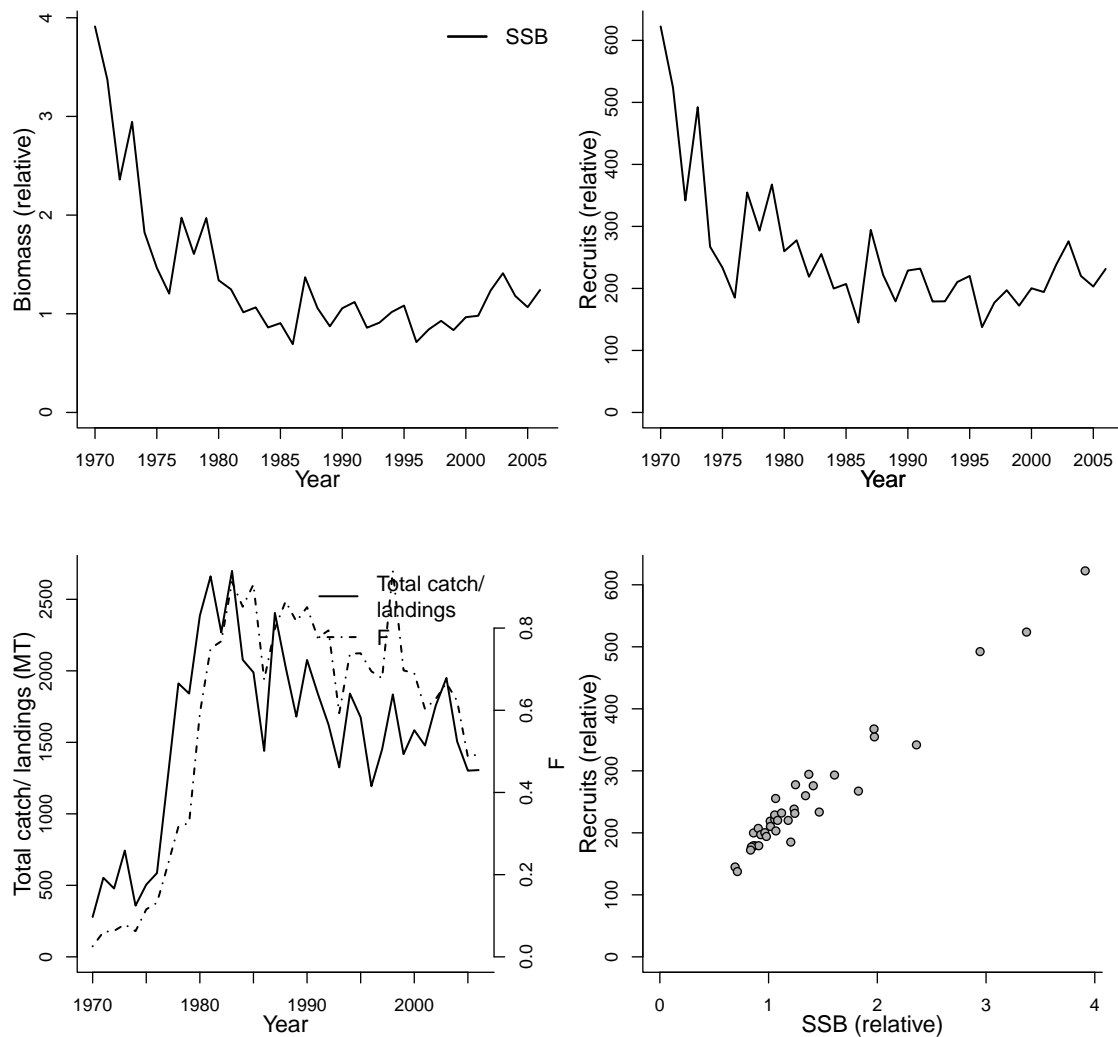
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Dichmont, Cathy
Assessment method	Delay difference model
Publication year	2007
Timeseries span	1970-2006
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2009-06-11
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME
39 - North Australian Shelf			na	na
Parameter	Value	Units		
L50-cm	3	cm		
REC-AGE				
SSB-AGE-yr				
TB-AGE-yr				
F-AGE-yr				
M				
A50-yr				

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1970	1970	1970		1970
Maximum year	2006	2006	2006		2006
Time series minimum	0.69192	137.56821	0.025675770011084		279
Time series maximum	3.91168	622.4707	0.939208000347344		2699
Units	relative	relative	1/yr		MT



Assessment of Southeast Australia jackass morwong (*Nemadactylus macropterus*)

Assessment ID:CSIRO-MORWONGSE-1913-2007-FULTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/90>

Area ID: Australia-AFMA-SE

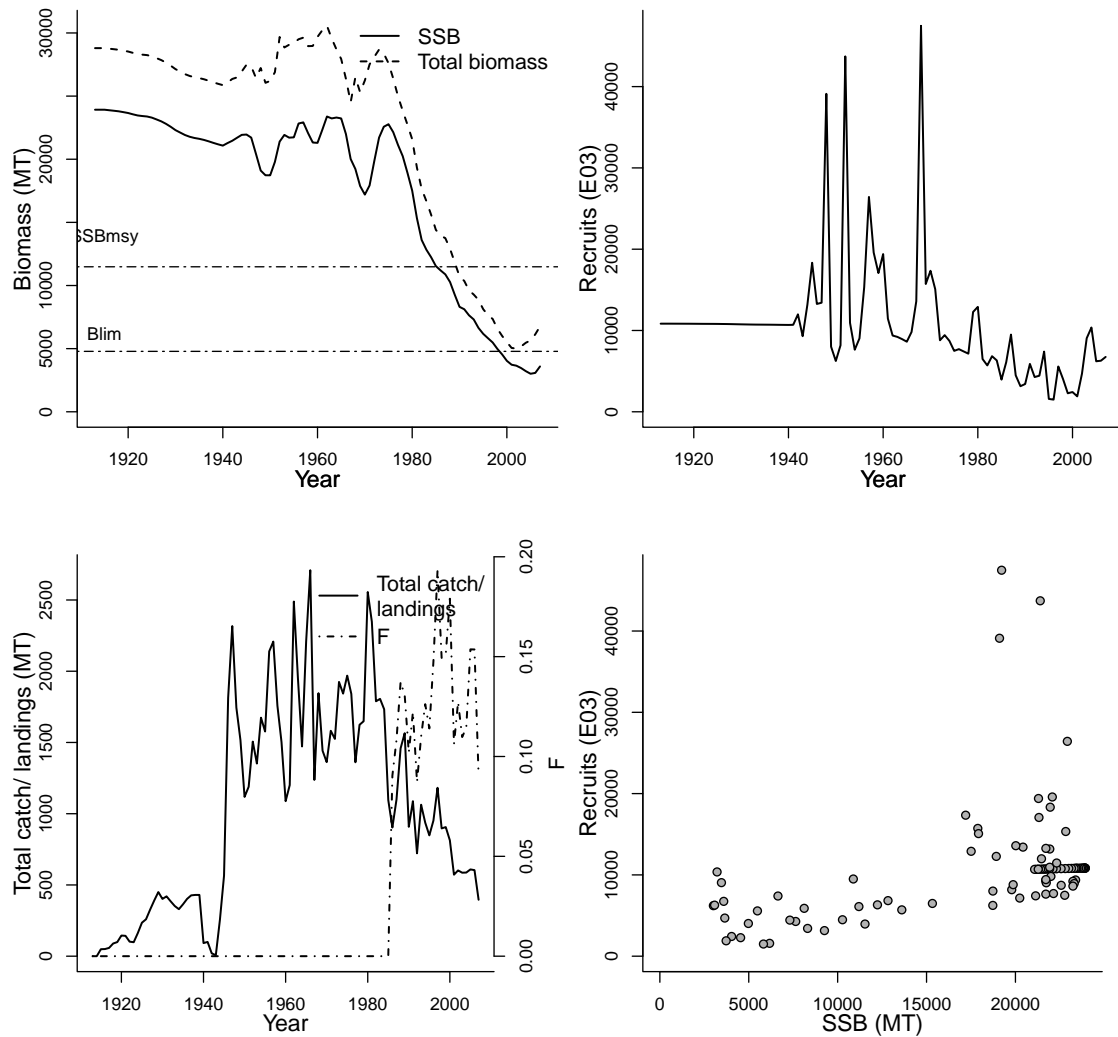
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Wayte, Sally
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1913-2007
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2009-06-11
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME	
42 - Southeast Australian Shelf			na	na	
Parameter	Value	Units			
REC-AGE-yr	0	yr	Reference points		
TB-AGE-yr	0	yr	Parameter	Value	Units
A50-yr	3	yr	Blim-MT (TB)	4784.42	MT
L50-cm	24.5	cm	SSBmsy-MT (SSB)	11482.608	MT
M-1/yr	0.15	1/yr	BH-h-dimless	0.7	dimless
SSB-AGE-yr			SSB_{2007}/SSB_{msy}	0.313	
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1913	1913	1913	1913	1913
Maximum year	2007	2007	2007	2007	2007
Time series minimum	3011.69	1496.92	0	5002.88	0
Time series maximum	23922.1	47480.1	0.193278	30566.5	2709
Units	MT	E03		MT	MT



Assessment of Southeast Australia ling (*Genypterus blacodes*)

Assessment ID:CSIRO-NZLINGESE-1968-2007-FULTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/89>

Area ID: Australia-AFMA-SE

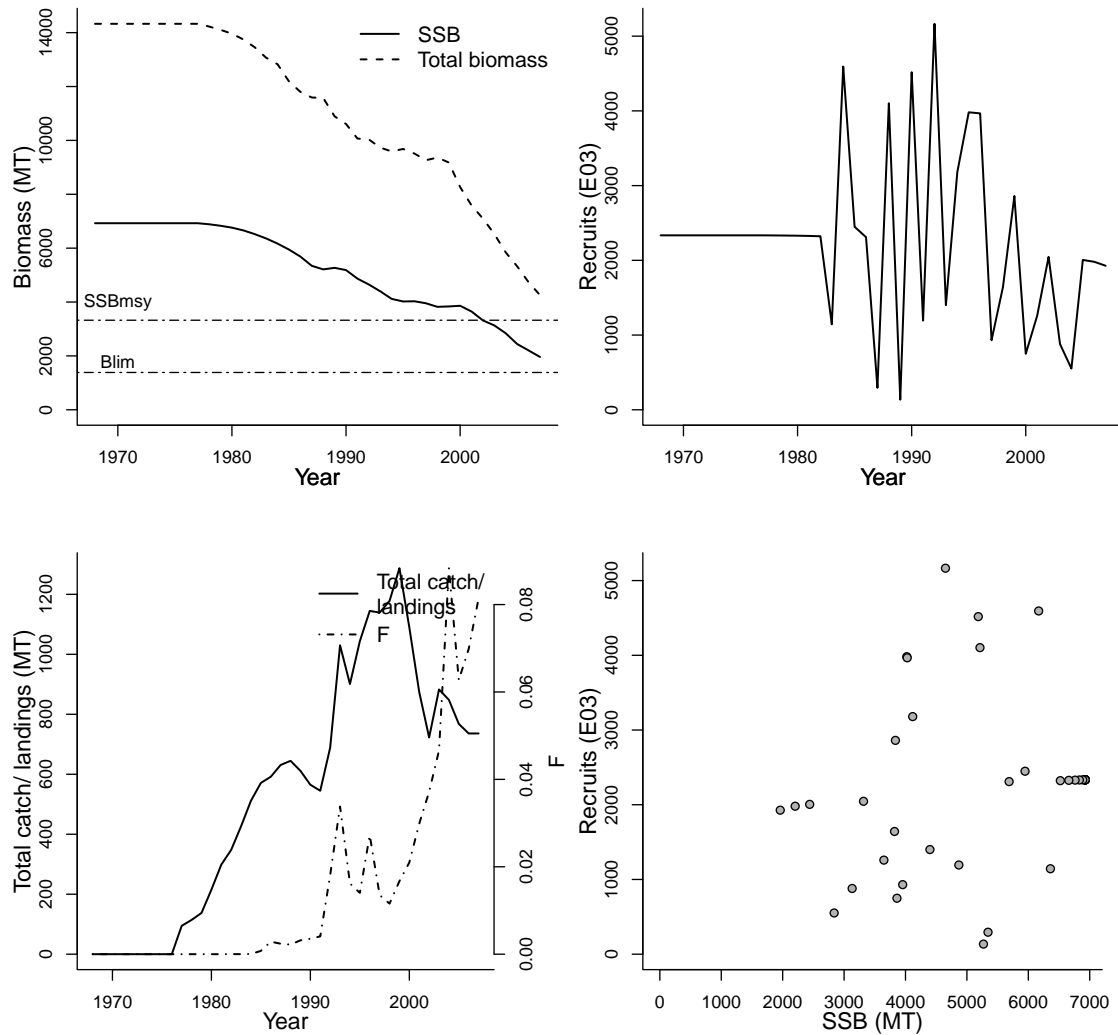
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Taylor, Bruce
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1968-2007
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2010-01-19
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME	
42 - Southeast Australian Shelf			na	na	
Parameter	Value	Units			
REC-AGE-yr	0	yr	Reference points		
TB-AGE-yr	0	yr	Parameter	Value	Units
A50-yr	3	yr	Blim-MT (TB)	1385.2	MT
L50-cm	30	cm	SSBmsy-MT (SSB)	3324.48	MT
M-1/yr	0.2	1/yr	BH-h-dimless	0.75	dimless
SSB-AGE-yr			SSB_{2007}/SSB_{msy}	0.590	
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1968	1968	1968	1968	1968
Maximum year	2007	2007	2007	2007	2007
Time series minimum	1960.12	135.309	0	4255.74	0
Time series maximum	6926	5165.34	0.0883179	14328.6	1287.1
Units	MT	E03		MT	MT



Assessment of Western half of Southeast

Australia ling (*Genypterus blacodes*)

Assessment ID:CSIRO-NZLINGWSE-1968-2007-FULTON

Issue URL: <http://www.marinemarinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/93>

Area ID: Australia-AFMA-WSE

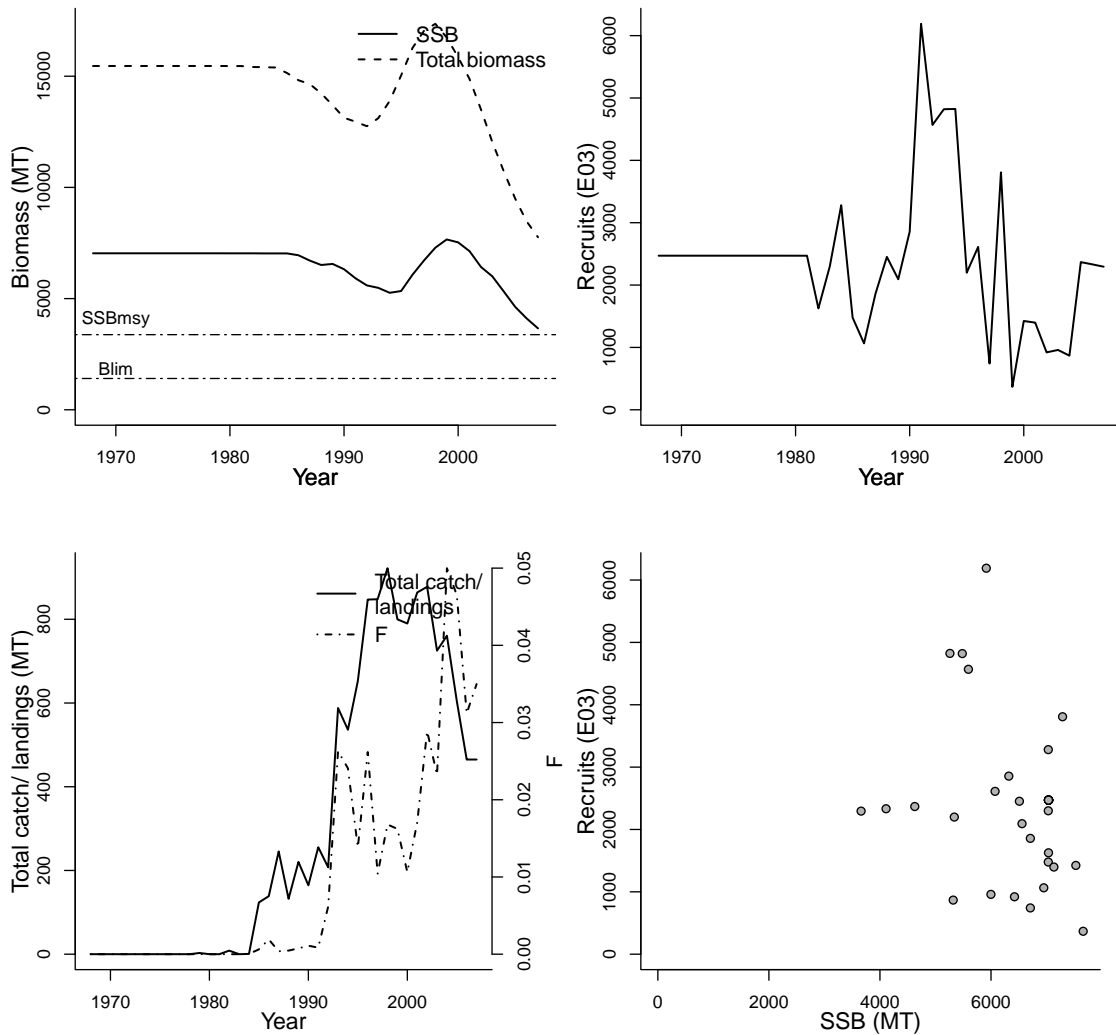
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Taylor, Bruce
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1968-2007
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2010-01-19
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME	
43 - Southwest Australian Shelf			na	na	
Parameter	Value	Units	Reference points		
REC-AGE-yr	0	yr	Parameter	Value	Units
TB-AGE-yr	0	yr	Blim-MT (TB)	1407.318	MT
A50-yr	3	yr	SSBmsy-MT (SSB)	3377.5632	MT
L50-cm	30	cm	BH-h-dimless	0.75	dimless
M-1/yr	0.2	1/yr	SSB_{2007}/SSB_{msy}	1.084	
SSB-AGE-yr					
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1968	1968	1968	1968	1968
Maximum year	2007	2007	2007	2007	2007
Time series minimum	3660.27	367.481	0	7758.25	0
Time series maximum	7660.06	6189.74	0.0499884	17356.5	922
Units	MT	E03		MT	MT



Assessment of Cascade Plateau orange roughy (*Hoplostethus atlanticus*)

Assessment ID:CSIRO-OROUGHYCASCADE-1987-2006-FULTON
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/96>

Area ID: Australia-AFMA-CASCADE

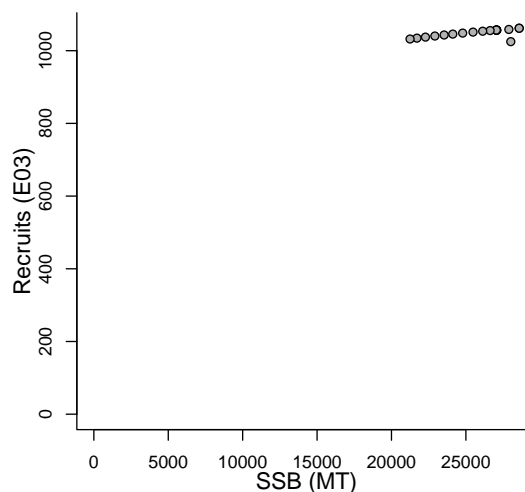
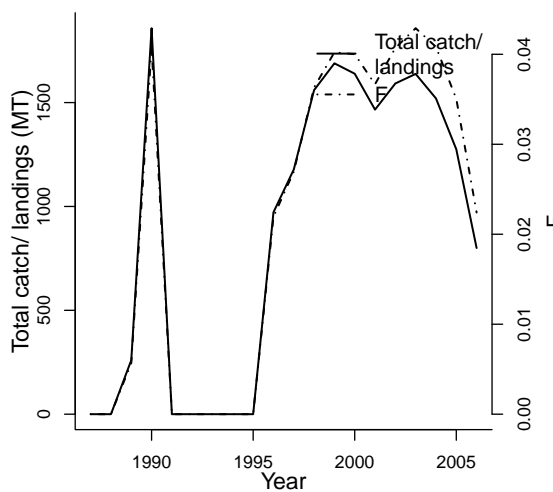
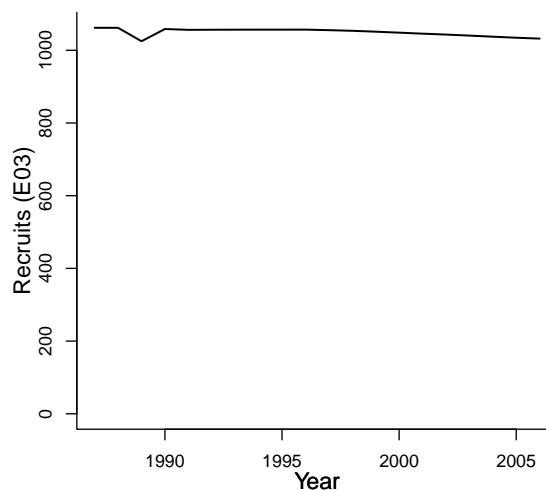
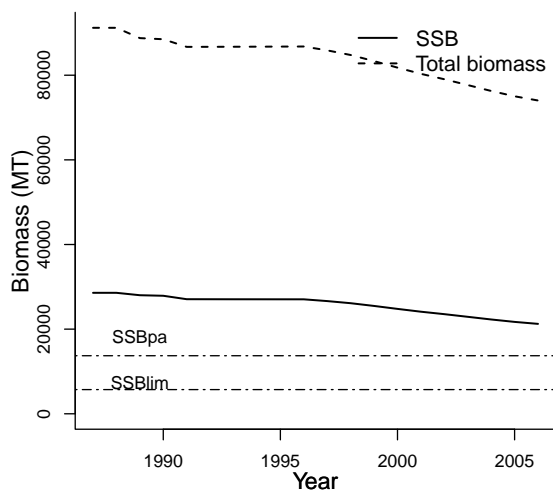
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Wayte, Sally
Assessment method	Stock Synthesis v2.0 model
Publication year	2006
Timeseries span	1987-2006
Document	CSIRO-Cascade-Plateau-Stock-Assessment-2006.pdf (pdf in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2010-04-08
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME	
42 - Southeast Australian Shelf			na	na	
Parameter	Value	Units			
TB-AGE-yr	0	yr	Reference points		
A50-yr	32	yr	Parameter	Value	Units
L50-cm	32	cm	SSBlim-MT (SSB)	5716.3	MT
REC-AGE			SSBpa-MT (SSB)	13719.12	MT
SSB-AGE-yr			SSB_{2006}/SSB_{lim}	3.717	
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1987	1987	1987	1987	1987
Maximum year	2006	2006	2006	2006	2006
Time series minimum	21246.8	1024.93	0	74023.6	0
Time series maximum	28581.5	1061.84	0.042899	91202.6	1858
Units	MT	E03	ratio	MT	MT



Assessment of Southeast Australia orange roughy (*Hoplostethus atlanticus*)

Assessment ID:CSIRO-OROUGHYSE-1978-2007-FULTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/98>

Area ID: Australia-AFMA-SE

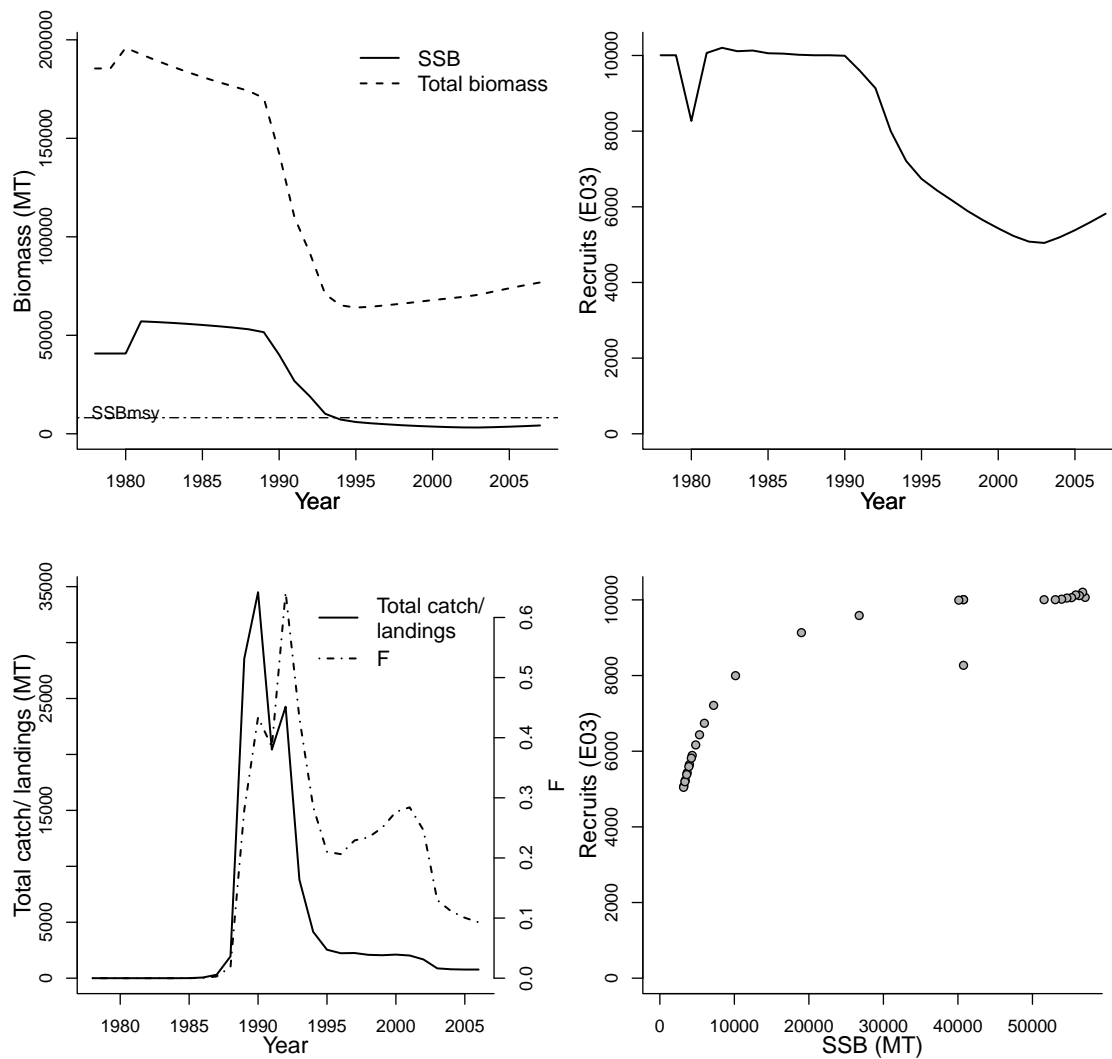
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Wayte, Sally
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1978-2007
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2009-06-11
QA/QC complete	YES
Date approved	2009-04-21

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

primary LME			secondary LME	tertiary LME	
42 - Southeast Australian Shelf			na	na	
Parameter	Value	Units			
SSB-AGE-yr	2	yr	Reference points		
TB-AGE-yr	0	yr	Parameter	Value	Units
A50-yr	32	yr	SSB _{msy} -MT (SSB)	8149.26	MT
L50-cm	32	cm	Bpa-MT (TB)	19558.224	MT
REC-AGE			SSB_{2007}/SSB_{msy}	0.519	
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1978	1978	1978	1978	1978
Maximum year	2007	2007	2006	2007	2006
Time series minimum	3182.91	5044.64	0	64072.5	0
Time series maximum	57075.7	10202.8	0.642012	195951	34502
Units	MT	E03	ratio	MT	MT



Assessment of Southeast Australia silverfish (*Seriolella punctata*)

Assessment ID:CSIRO-SILVERFISHSE-1978-2006-FULTON
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/91>

Area ID: Australia-AFMA-SE

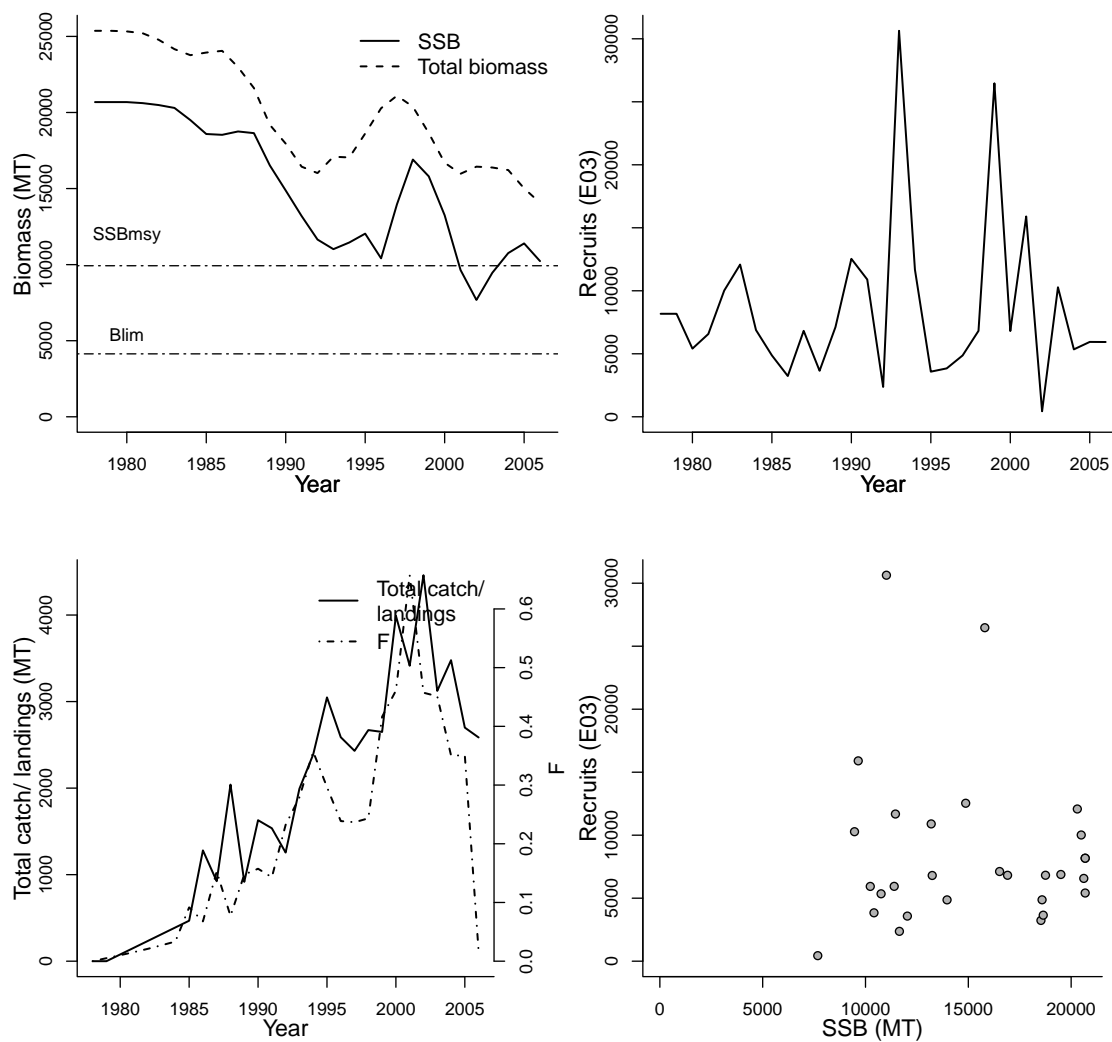
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Tuck, Geoff
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1978-2006
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2009-06-12
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME	
42 - Southeast Australian Shelf			na	na	
Parameter	Value	Units			
REC-AGE-yr	0	yr	Reference points		
TB-AGE-yr	0	yr	Parameter	Value	Units
A50-yr	3	yr	Blim-MT (TB)	4136.44	MT
L50-cm	37	cm	SSB _{msy} -MT (SSB)	9927.456	MT
M-1/yr	0.25	1/yr	BH-h-dimless	0.75	dimless
SSB-AGE-yr			SSB_{2006}/SSB_{msy}	1.031	
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1978	1978	1978	1978	1978
Maximum year	2006	2006	2006	2006	2006
Time series minimum	7678.11	439.351	0	14062.8	0
Time series maximum	20682.2	30634.4	0.65743	25368.6	4460.23
Units	MT	E03	ratio	MT	MT



Assessment of Southeast Australia school whiting (*Sillago flindersi*)

Assessment ID:CSIRO-SWHITSE-1945-2007-FULTON

Issue URL: <http://www.marinemarinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/94>

Area ID: Australia-AFMA-SE

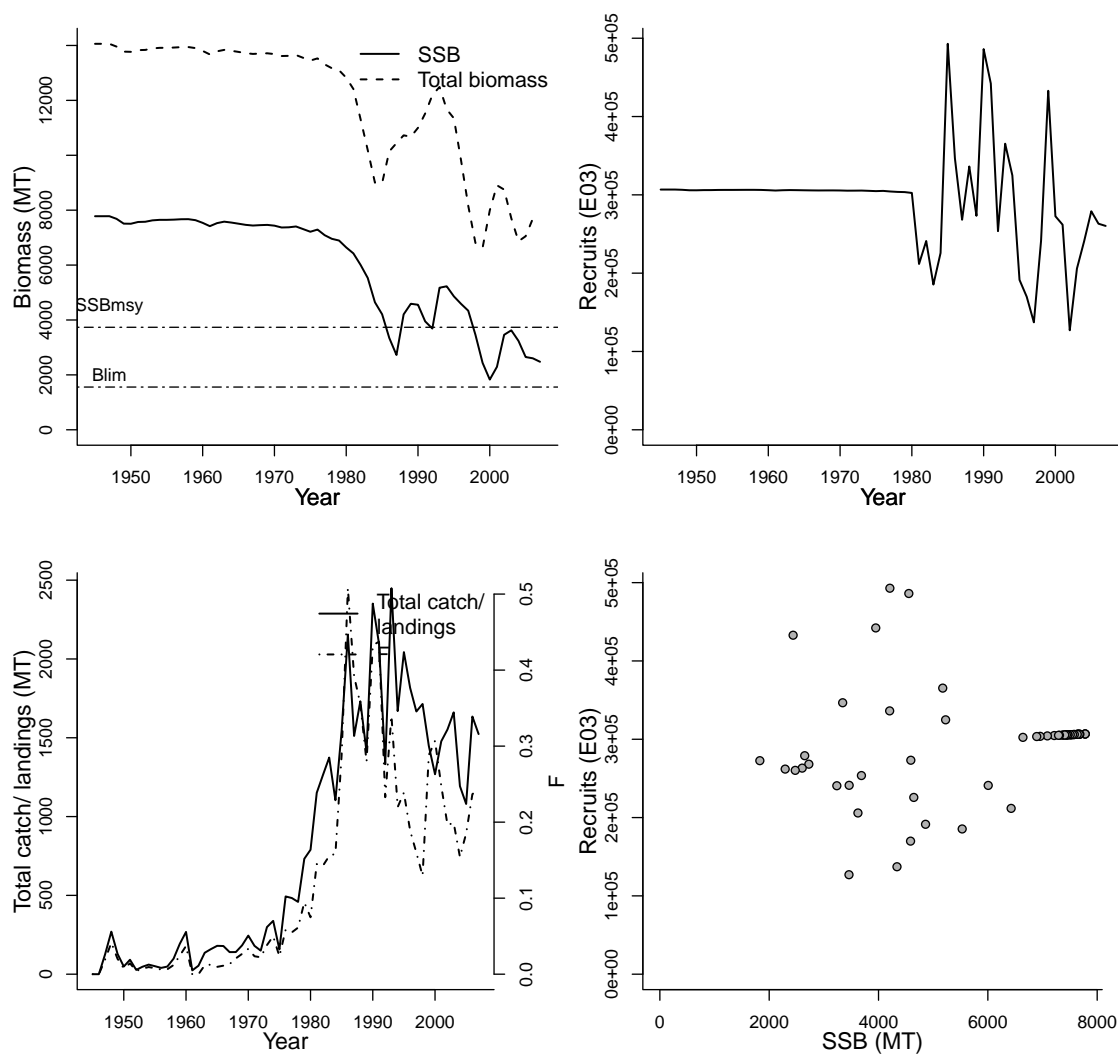
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Day, Jemery
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1945-2007
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2009-06-12
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME	
42 - Southeast Australian Shelf			na	na	
Parameter	Value	Units			
REC-AGE-yr	0	yr	Reference points		
TB-AGE-yr	0	yr	Parameter	Value	Units
A50-yr	3	yr	Blim-MT (TB)	1555.962	MT
L50-cm	16	cm	SSBmsy-MT (SSB)	3734.3088	MT
M-1/yr	0.5	1/yr	BH-h-dimless	0.95	dimless
SSB-AGE-yr			SSB_{2007}/SSB_{msy}	0.663	
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1945	1945	1945	1945	1945
Maximum year	2007	2007	2007	2007	2007
Time series minimum	1828.94	127052	0	6630.53	0
Time series maximum	7780.5	492880	0.50773	14060.6	2448.9199
Units	MT	E03		MT	MT



Assessment of Southeast Australia tiger flathead (*Neoplatycephalus richardsoni*)

Assessment ID:CSIRO-TIGERFLATSE-1913-2006-FULTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/92>

Area ID: Australia-AFMA-SE

General assessment details.

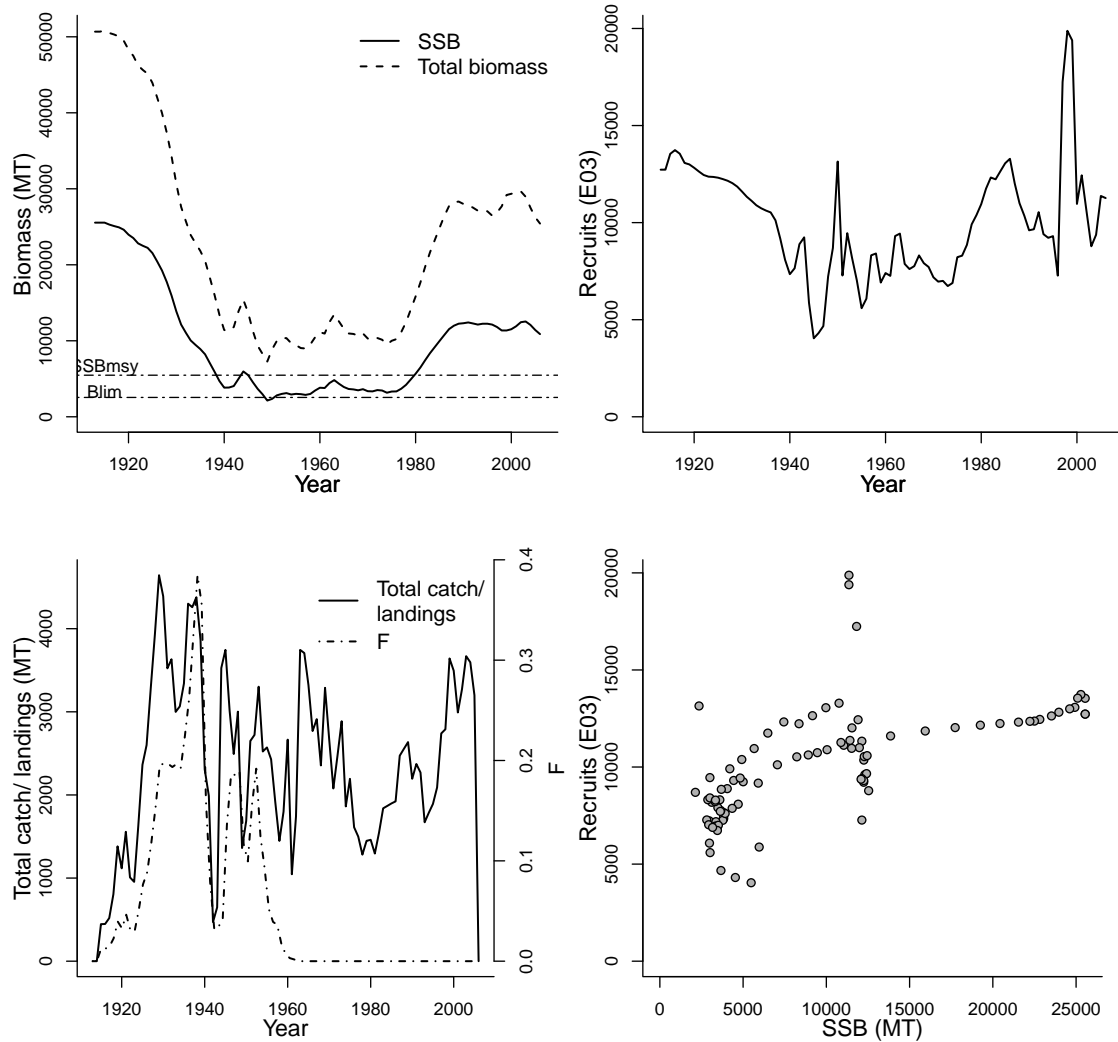
Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Klaer, Neil
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1913-2006
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2009-06-12
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME
42 - Southeast Australian Shelf			na	na

Parameter	Value	Units	Reference points		
REC-AGE-yr	0	yr	Parameter	Value	Units
TB-AGE-yr	0	yr	Blim-MT (TB)	2545.52	MT
A50-yr	4	yr	SSB _{msy} -MT (SSB)	5472.868	MT
L50-cm	30	cm	BH-h-dimless	0.85	dimless
M-1/T	3.31	1/T	SSB_{2006}/SSB_{msy}	1.988	
M-1/yr	0.2	1/yr			
SSB-AGE-yr					
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1913	1913	1913	1913	1913
Maximum year	2006	2006	2005	2006	2006
Time series minimum	2133.08	4041.4	0	7266.84	0
Time series maximum	25546.5	19879.9	0.384656	50789.9	4643.5
Units	MT	E03		MT	MT



Assessment of Eastern half of Southeast Australia blue warehou (*Seriolella brama*)

Assessment ID:CSIRO-WAREHOUSE-1984-2006-FULTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/101>

Area ID: Australia-AFMA-ESE

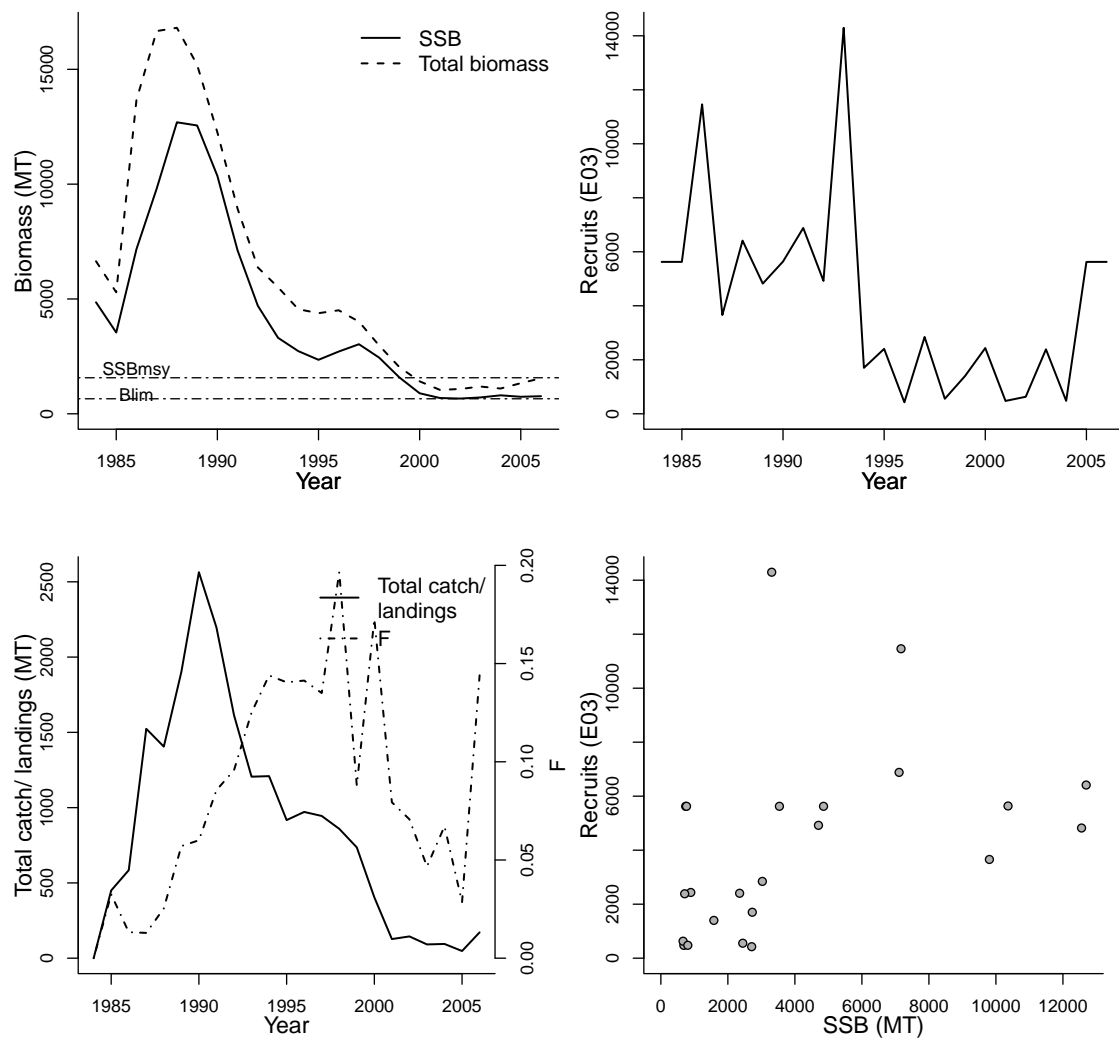
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Punt, Andre
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1984-2006
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2010-01-19
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME	
42 - Southeast Australian Shelf			na	na	
Parameter	Value	Units			
REC-AGE-yr	0	yr	Reference points		
TB-AGE-yr	0	yr	Parameter	Value	Units
A50-yr	3	yr	Blim-MT (TB)	653.4	MT
L50-cm	33.4	cm	SSBmsy-MT (SSB)	1568.16	MT
SSB-AGE-yr			SSB_{2006}/SSB_{msy}	0.488	
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1984	1984	1984	1984	1984
Maximum year	2006	2006	2006	2006	2006
Time series minimum	662.813	425.674	0	1040.75	0
Time series maximum	12693.7	14295.7	0.196514	16808.9	2563.853
Units	MT	E03		MT	MT



**Assessment of Western half of Southeast
 Australia blue warehou (*Seriolella brama*)**
 Assessment ID:CSIRO-WAREHOUWSE-1984-2006-FULTON
 Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/97>

Area ID: Australia-AFMA-WSE

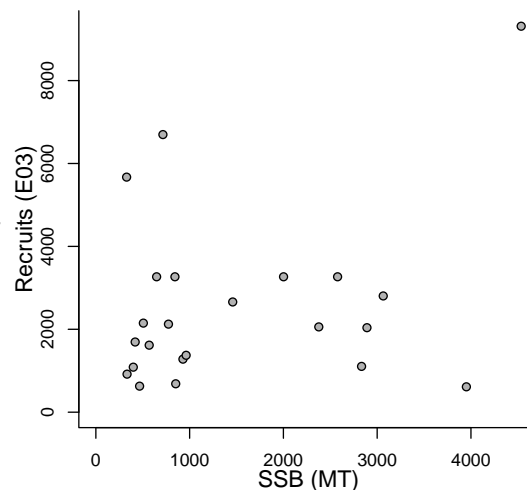
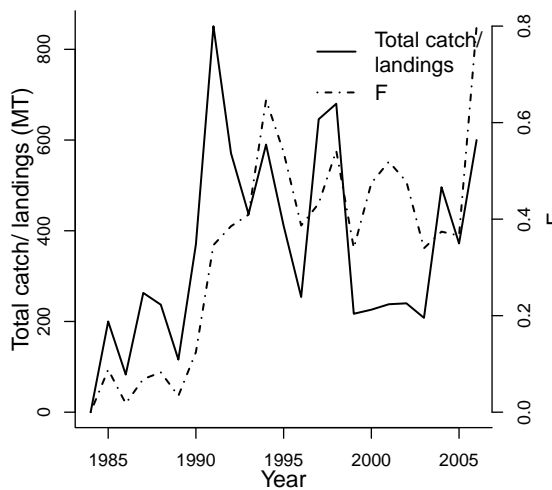
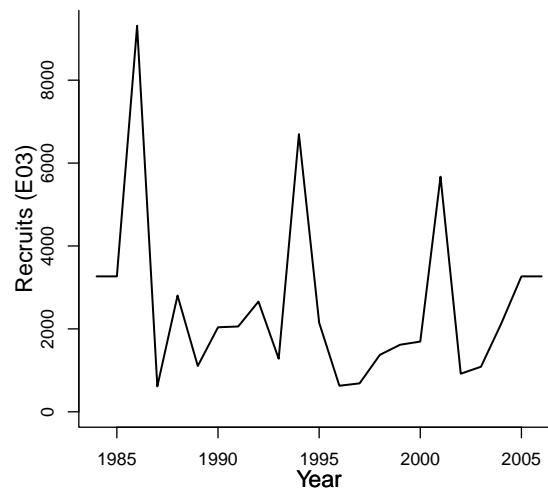
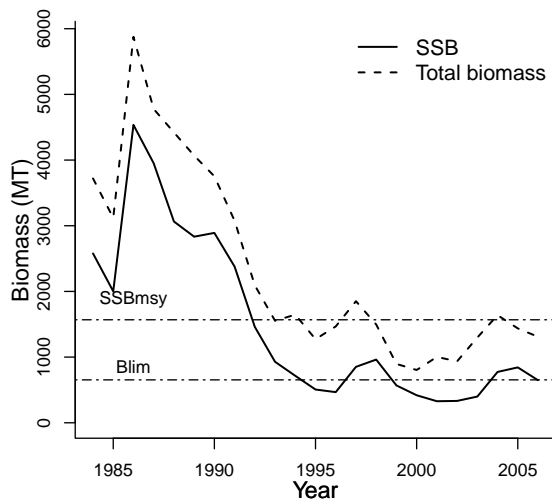
General assessment details.

Detail	Value
Management body	AFMA
Assessment group	Commonwealth Scientific and Industrial Research Organization
Assessment authors	Punt, Andre
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1984-2006
Document	NULL (pdf not in database)
Recorder	FULTON
Date entered	2008-04-30
Date last loaded	2010-01-19
QA/QC complete	YES
Date approved	2009-06-11

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

primary LME			secondary LME	tertiary LME	
43 - Southwest Australian Shelf			na	na	
Parameter	Value	Units			
REC-AGE-yr	0	yr	Reference points		
TB-AGE-yr	0	yr	Parameter	Value	Units
A50-yr	3	yr	Blim-MT (TB)	653.4	MT
L50-cm	33.4	cm	SSBmsy-MT (SSB)	1568.16	MT
SSB-AGE-yr			SSB_{2006}/SSB_{msy}	0.413	
F-AGE-yr					
M					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1984	1984	1984	1984	1984
Maximum year	2006	2006	2006	2006	2006
Time series minimum	328.04	612.336	0	803.621	0
Time series maximum	4535.7	9311.87	0.799761	5876.7	851
Units	MT	E03	ratio	MT	MT

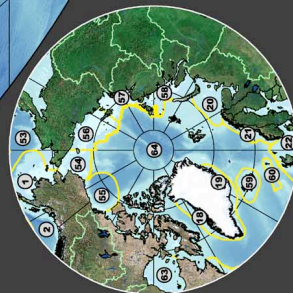


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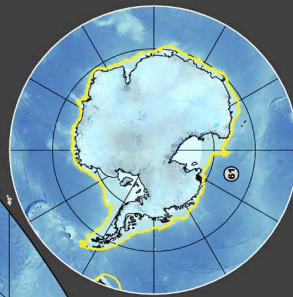
- Large Marine Ecosystems
Watershed Bounds
Political Borders



Data Sources:
 bathymetry (2-minute) : Smith and Sandwell, 1997
 bathymetry (5-minute) : NAVOCEANO, DSD205
 Watersheds (HYDRO 1K): USGS Eros Data Center
 terrestrial Image, Political Boundaries : ESRI



For More Information Visit: www.edc.uri.edu/lme



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