

Dear Malin,

Thank you sincerely for submitting assessments to the Myers II database. We have entered 2 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 Pacific Coast pacific chub mackerel (*Scomber japonicus*)

Assessment ID:SWFSC-CMACKPCOAST-1929-2008-PINSKY

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/406>

Area ID: USA-NMFS-PCOAST

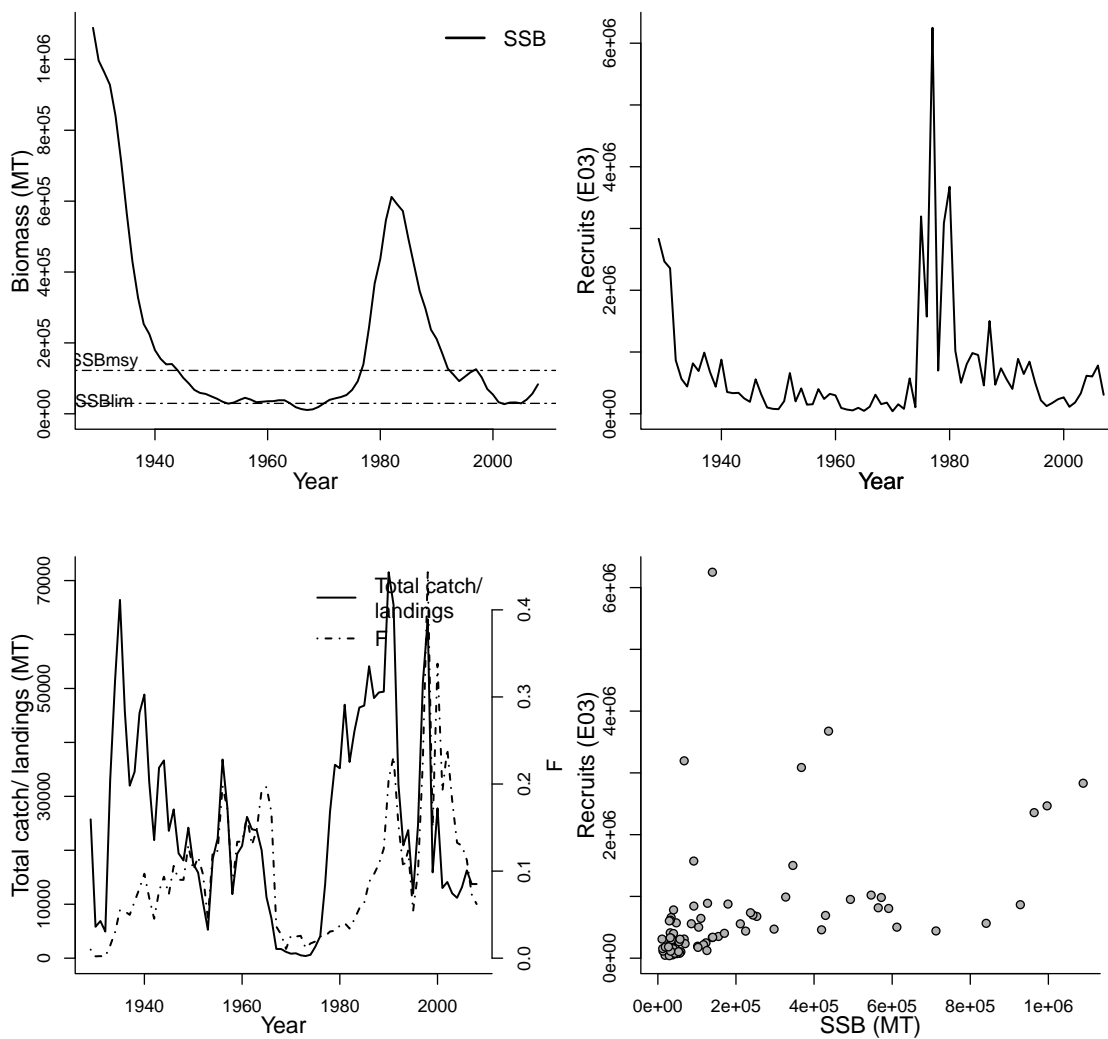
General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Southwest Fisheries Science Center
Assessment authors	Dorval,Emmanis
Assessment method	Age Structured Assessment Program
Publication year	2008
Timeseries span	1929-2008
Document	PFMC_2008_CPS_SAFE_App2.PMackerel.pdf (pdf in database)
Recorder	PINSKY
Date entered	2009-03-27
Date last loaded	2010-04-13
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	
3 - California Current			na	na	
Parameter	Value	Units	Reference points		
			Parameter	Value	Units
SSB-AGE-yr	3+	yr			
REC-AGE-yr	0	yr	NATMORT-1/yr (M)	0.5	1/yr
TB-AGE-yr	1+	yr	MSY-MT (TB)	51772	MT
M-1/yr	0.5	1/yr	SSBlim-MT (SSB)	29420	MT
NATMORT-1/yr	0.5	1/yr	MSY-MT (TB)	23048.2	MT
SSB-SEX-sex			SSBmsy-MT (SSB)	122357	MT
F-AGE-yr			SSB0-MT (SSB)	182791	MT
M			BH-h-dimless	0.315471	dimless
A50-yr			SSB_{2008}/SSB_{lim}	2.827	
L50-cm			SSB_{2008}/SSB_{msy}	0.680	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1929	1929	1929		1929
Maximum year	2008	2007	2008		2008
Time series minimum	10701.7	40830.5	0.0017804		400.94
Time series maximum	1089110	6249070	0.443214		71550.6
Units	MT	E03	1/T		MT



Assessment of Pacific Coast pacific sardine (*Sardinops sagax*)

Assessment ID:SWFSC-SARDPCOAST-1981-2007-PINSKY

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/407>

Area ID: USA-NMFS-PCOAST

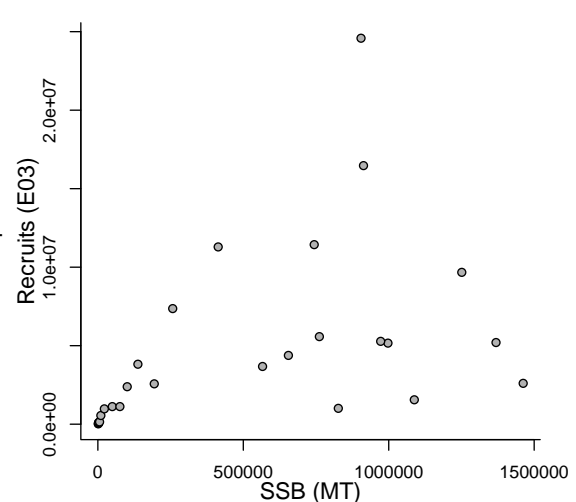
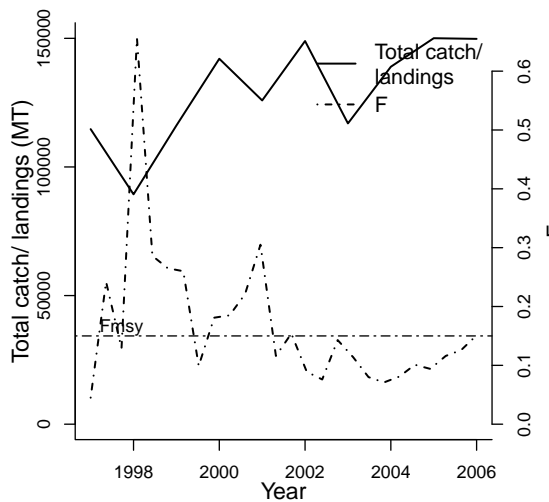
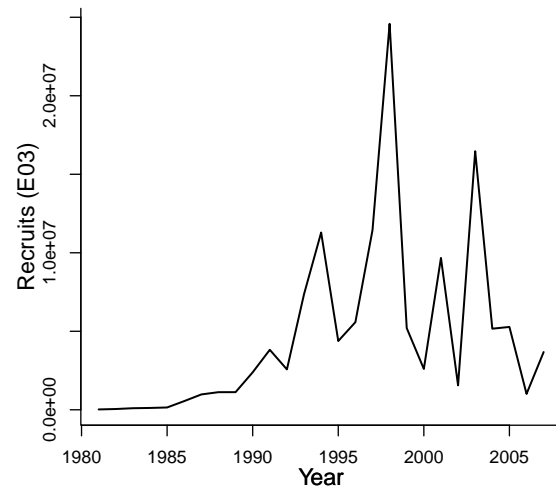
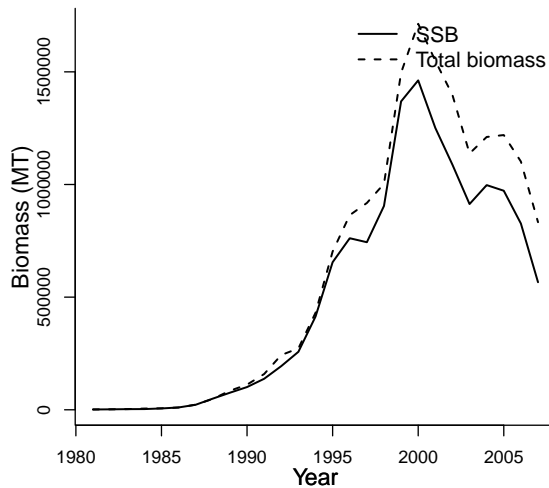
General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Southwest Fisheries Science Center
Assessment authors	Hill, Kevin T.
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1981-2007
Document	NOAA-TM-NMFS-SWFSC-413.pdf (pdf in database)
Recorder	PINSKY
Date entered	2009-03-27
Date last loaded	2009-11-04
QA/QC complete	NO
Date approved	

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

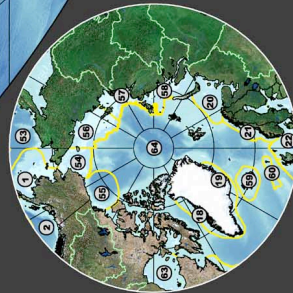
primary LME			secondary LME	tertiary LME	
3 - California Current			na	na	
Parameter	Value	Units			
SSB-SEX-sex	NA	sex			
REC-AGE-yr	0	yr			
TB-AGE-yr	1+	yr			
L50-cm	15.75	cm			
M-1/yr	0.4	1/yr			
SSB-AGE-yr					
F-AGE-yr					
M					
A50-yr					

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1981	1981	1981	1981	1997
Maximum year	2007	2007	2006	2007	2006
Time series minimum	1353	22000	0.045	1404	89357
Time series maximum	1462200	24583000	0.656	1713280	150046
Units	MT	E03	ratio	MT	MT



MAP KEY:

- Large Marine Ecosystems
Watershed Bounds
Political Borders



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

SOUTH POLAR REGION