

Assessment of Pacific Coast arrowtooth flounder (*Reinhardtius stomias*)

Assessment ID: NWFSC-ARFLOUNDP coast-1916-2007-BRANCH
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/22>

Area ID: USA-NMFS-PCOAST

General assessment details.

Detail	Value
Management body	NMFS
Assessment group	Northwest Fisheries Science Center
Assessment authors	Kaplan, I.C.
Assessment method	Stock Synthesis v2.0 model
Publication year	2007
Timeseries span	1916-2007
Document	NWFSC-ARFLOUNDP coast-2007-Arrowtooth flounder.pdf (pdf in database)
Recorder	BRANCH
Date entered	2008-11-19
Date last loaded	2010-03-16
QA/QC complete	YES
Date approved	2009-04-27

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			2 - Gulf of Alaska	na	
			Reference points		
			Parameter	Value	Units
Parameter	Value	Units	SSBlim-MT (SSB)	35129	MT
			SSBmsy-MT (SSB)	16593	MT
SSB-AGE-yr	4.5	yr	Fmsy-1/yr (F)	0.21	1/yr
SSB-SEX-sex	1	sex	SSB0-MT (SSB)	80313	MT
REC-AGE-yr	0	yr	R0-E03 (R)	28528	E03
F-AGE-yr-yr	3+	yr-yr	SSBtarget-MT (SSB)	30780	MT
TB-AGE-yr	3+	yr	SSBmin-ratio (SSB)	0.25	ratio
L50-cm	37.3	cm	Ftarget-1/yr (F)	0.11	1/yr
M-1/yr	0.166	1/yr	SPRtarget-ratio (SPR)	0.4	ratio
A50-yr	4.5	yr	MSY-MT (TB)	5844	MT
M			BH-h-dimless	0.902	dimless
			SSB_{2007}/SSB_{lim}	1.802	
			F_{2006}/F_{msy}	0.210	
			SSB_{2007}/SSB_{msy}	3.815	

Time series minima and maxima					
	SSB	R	F	TB	Catch
Minimum year	1916	1916	1916	1916	1916
Maximum year	2007	2007	2006	2007	2007
Time series minimum	35128.8	3867.56	0	47228.2	0
Time series maximum	80313.5	126747	0.147	98022.2	7802
Units	MT	E03	1/yr	MT	MT

