

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

Assessment ID: NWFSC-ARFLOUNDPACOAST-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-ARFLOUNDPACOAST-2007-Arrowtooth flounder.pdf (pdf in database)
Recorder	BRANCH
Date entered	2008-11-19
Date last loaded	2011-07-25
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			
SSB-AGE-yr	4.5	yr	BH-h-dimless	0.902	dimless			
SSB-SEX-sex	1	sex	SSBlim-MT (SSB)	35129	MT			
REC-AGE-yr	0	yr	SSBmsy-MT (SSB)	16593	MT			
F-AGE-yr-yr	3+	yr-yr	Fmsy-1/yr (F)	0.21	1/yr			
TB-AGE-yr	3+	yr	SSB0-MT (SSB)	80313	MT			
L50-cm	37.3	cm	R0-E03 (R)	28528	E03			
M-1/yr	0.166	1/yr	SSBtarget-MT (SSB)	30780	MT			
A50-yr	4.5	yr	SSBmin-ratio (SSB)	0.25	ratio			
M			Ftarget-1/yr (F)	0.11	1/yr			
			SPRtarget-ratio (SPR)	0.4	ratio			
			MSY-MT (TB)	5844	MT			
			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

