

# Assessment of Southern Pacific Coast chilipepper (*Sebastes goodei*)

Assessment ID:NWFSC-CHILISPCOAST-1892-2007-BRANCH

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/83>

Area ID: USA-NMFS-SPCOAST

General assessment details.

| Detail             | Value   |
|--------------------|---|
| Management body    | NMFS  |
| Assessment group   | Northwest Fisheries Science Center                              |
| Assessment authors | Field JG  |
| Assessment method  | Stock Synthesis v2.0 model                                      |
| Publication year   | 2007  |
| Timeseries span    | 1892-2007   |
| Document           | NWFSC-CHILISPCOAST-2007-Chilipepper CA OR.pdf (pdf in database) |
| Recorder           | BRANCH  |
| Date entered       | 2008-11-21  |
| Date last loaded   | 2009-03-17  |
| 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           |         |
|                        |       |       | Reference points      |              |         |
|                        |       |       | Parameter             | Value        | Units   |
| Parameter              | Value | Units | Blim-MT (TB)          | 8666         | MT      |
| SSB-SEX-sex            | 1     | sex   | Bmsy-MT (TB)          | 12126        | MT      |
| REC-AGE-yr             | 0     | yr    | Fmsy-1/yr (F)         | 0.112        | 1/yr    |
| F-AGE-yr-yr            | 1-80  | yr-yr | SSB0-MT (SSB)         | 33390        | MT      |
| TB-AGE-yr              | 0+    | yr    | R0-E03 (R )           | 34490        | E03     |
| M-1/yr                 | 0.16  | 1/yr  | SSBtarget-MT (SSB)    | 21034        | MT      |
| SSB-AGE-yr             |       |       | SSBmin-ratio (SSB)    | 0.25         | ratio   |
| M                      |       |       | Ftarget-1/yr (F)      | 0.102        | 1/yr    |
| A50-yr                 |       |       | SPRtarget-ratio (SPR) | 0.4          | ratio   |
| L50-cm                 |       |       | MSY-MT (TB)           | 2164         | MT      |
|                        |       |       | BH-h-dimless          | 0.573        | dimless |
|                        |       |       | $TB_{2007}/B_{msy}$   | 2.772        |         |
|                        |       |       | $F_{2006}/F_{msy}$    | 0.036        |         |

Time series minima and maxima

|                     | SSB   | R      | F     | TB    | Catch |
|---------------------|-------|--------|-------|-------|-------|
| Minimum year        | 1892  | 1892   | 1892  | 1892  | 1892  |
| Maximum year        | 2007  | 2007   | 2006  | 2007  | 2006  |
| Time series minimum | 8666  | 3130   | 0.001 | 15209 | 21    |
| Time series maximum | 33391 | 153415 | 0.163 | 47214 | 3960  |
| Units               | MT    | E03    | 1/yr  | MT    | MT    |

