

Assessment of West Coast of Vancouver Island pacific cod (*Gadus macrocephalus*)

Assessment ID:DFO-PAC-PCODWCVANI-1956-2002-COLLIE

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/311>

Area ID: Canada-DFO-WCVANI

General assessment details.

| Detail | Value |
|--------------------|---|
| Management body | DFO |
| Assessment group | Department of Fisheries and Oceans - Pacific Region |
| Assessment authors | Sinclair, A.F. |
| Assessment method | Delay difference model |
| Publication year | 2002 |
| Timeseries span | 1956-2002 |
| Document | 2002-113.pdf (pdf not in database) |
| Recorder | COLLIE |
| Date entered | 2008-04-13 |
| Date last loaded | 2010-07-16 |
| QA/QC complete | YES |
| Date approved | 2009-05-13 |

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

| primary LME | | | secondary LME | | | tertiary LME | | |
|--------------------|-------|-------|---------------------|-------|-------|--------------|--|--|
| 2 - Gulf of Alaska | | | na | | | na | | |
| Parameter | Value | Units | | | | | | |
| M-1/yr | 0.579 | 1/yr | Reference points | | | | | |
| SSB-AGE-yr | 2+ | yr | Parameter | Value | Units | | | |
| SSB-SEX-sex | 0 | sex | Bmsy-MT (TB) | 6731 | MT | | | |
| REC-AGE-yr | 2 | yr | Fmsy-1/yr (F) | 0.226 | 1/yr | | | |
| F-AGE-yr-yr | 2+ | yr-yr | Fext-1/yr (F) | 0.539 | 1/yr | | | |
| TB-AGE-yr | 2+ | yr | TB_{2002}/B_{msy} | 1.037 | | | | |
| M | | | F_{2001}/F_{msy} | 0.469 | | | | |
| A50-yr | | | | | | | | |
| L50-cm | | | | | | | | |

| Time series minima and maxima | | | | | |
|-------------------------------|-----|-------|-------|-------|-------|
| | SSB | R | F | TB | Catch |
| Minimum year | | 1956 | 1956 | 1956 | 1956 |
| Maximum year | | 2002 | 2001 | 2002 | 2001 |
| Time series minimum | | 420 | 0.056 | 1827 | 51 |
| Time series maximum | | 13718 | 0.729 | 20426 | 5774 |
| Units | E03 | 1/T | MT | MT | MT |

