

Assessment of Hecate Strait english sole (*Parophrys vetulus*)

Assessment ID:DFO-PAC-ESOLEHS-1944-2001-COLLIE

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/106>

Area ID: Canada-DFO-HS

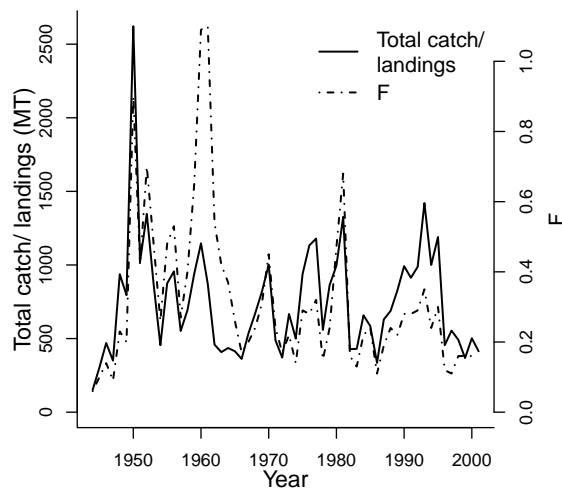
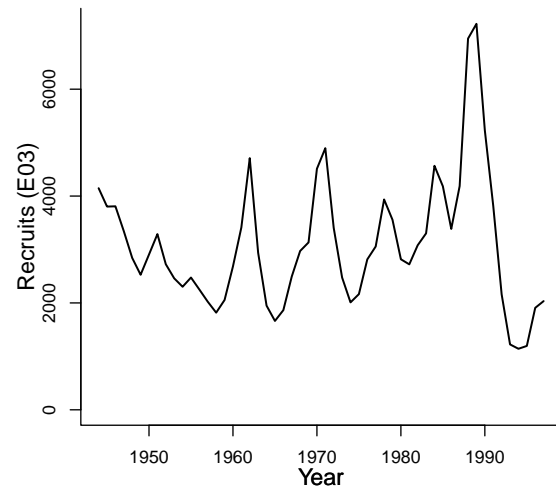
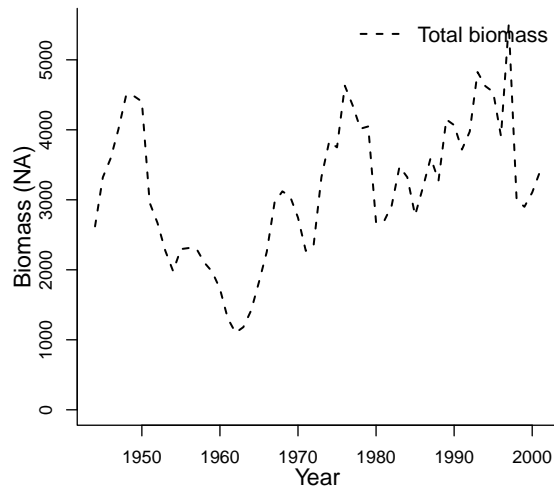
General assessment details.

| Detail | Value |
|--------------------|---|
| Management body | DFO |
| Assessment group | Department of Fisheries and Oceans - Pacific Region |
| Assessment authors | Fargo, Jeff |
| Assessment method | State-space catch at age time series analysis |
| Publication year | 1999 |
| Timeseries span | 1944-2001 |
| Document | Flat99.pdf (pdf in database) |
| Recorder | COLLIE |
| Date entered | 2008-04-21 |
| Date last loaded | 2009-05-14 |
| 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.

| | | | Parameter | Value | Units |
|--------------------|---------------|--------------|---------------|-------|-------|
| primary LME | secondary LME | tertiary LME | M-1/yr | 0.2 | 1/yr |
| | | | TB-AGE-yr | 4+ | yr |
| 2 - Gulf of Alaska | na | na | REC-AGE-yr | 4 | yr |
| | | | SSB-AGE-yr | | |
| | | | F-AGE-yr | | |
| | | | M | | |
| | | | A50-yr | | |
| | | | L50-cm | | |
| Reference points | | | | | |
| | | | Parameter | Value | Units |
| | | | F0.1-1/yr (F) | 0.25 | 1/yr |

| Time series minima and maxima | | | | | |
|-------------------------------|-----|------|------|------|-------|
| | SSB | R | F | TB | Catch |
| Minimum year | | 1944 | 1944 | 1944 | 1944 |
| Maximum year | | 1997 | 2001 | 2001 | 2001 |
| Time series minimum | | 1142 | 0.06 | 1101 | 152 |
| Time series maximum | | 7223 | 1.1 | 5514 | 2622 |
| Units | E03 | 1/T | MT | MT | MT |



No SSB–recruit
data available