

# Assessment of Gulf of Mexico gag (*Mycteroperca microlepis*)

Assessment ID:SEFSC-GAGGM-1963-2004-JENSEN

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/18>

Area ID: USA-NMFS-GM

General assessment details.

| Detail             | Value                                       |
|--------------------|---------------------------------------------|
| Management body    | NMFS                                        |
| Assessment group   | Southeast Fisheries Science Center          |
| Assessment authors |                                             |
| Assessment method  | Unknown                                     |
| Publication year   | 2007                                        |
| Timeseries span    | 1963-2004                                   |
| Document           | JENSEN_GAGGM.2007.pdf (pdf not in database) |
| Recorder           | JENSEN                                      |
| Date entered       | 2008-11-19                                  |
| Date last loaded   | 2010-03-16                                  |
| QA/QC complete     | YES                                         |
| Date approved      | 2010-03-16                                  |

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

| primary LME        |           |       | secondary LME          | tertiary LME |       |
|--------------------|-----------|-------|------------------------|--------------|-------|
| 5 - Gulf of Mexico |           |       | na                     | na           |       |
|                    |           |       | Reference points       |              |       |
| Parameter          | Value     | Units | Parameter              | Value        | Units |
| A50-yr             | 3.5       | yr    | F0.1-1/yr (F)          | 0.129        | 1/yr  |
| M-1/T              | AVAILABLE | 1/T   | Flim-1/yr (F)          | 0.27         | 1/yr  |
| REC-AGE            |           |       | Fmax-1/yr (F)          | 0.201        | 1/yr  |
| SSB-AGE-yr         |           |       | Fmsy-1/yr (F)          | 0.201        | 1/yr  |
| SSB-SEX-sex        |           |       | MSY-MT (TB)            | 2241.65      | MT    |
| TB-AGE-yr          |           |       | SSBmsy-MT (SSB)        | 12383.06     | MT    |
| F-AGE-yr           |           |       | $F_{2004}/F_{lim}$     | 1.815        |       |
| M                  |           |       | $F_{2004}/F_{msy}$     | 2.438        |       |
| L50-cm             |           |       | $SSB_{2004}/SSB_{msy}$ | 0.997        |       |

| Time series minima and maxima |          |         |      |          |         |
|-------------------------------|----------|---------|------|----------|---------|
|                               | SSB      | R       | F    | TB       | Catch   |
| Minimum year                  | 1963     | 1963    | 1963 | 1963     | 1963    |
| Maximum year                  | 2004     | 2003    | 2004 | 2004     | 2004    |
| Time series minimum           | 5410.9   | 172.637 | 0.03 | 8116.58  | 787.44  |
| Time series maximum           | 23661.63 | 5741.39 | 0.56 | 33847.49 | 4633.44 |
| Units                         | MT       | E03     | 1/yr | MT       | MT      |

