Atlantic chub mackerel
NE Atlantic

IDENTIFICATION

SCIENTIFIC NAME
Scomber colias

SPECIES NAME(S)
Atlantic chub mackerel, Chub mackerel

STOCK IDENTIFICATION
A unique stock in the NE Atlantic is here assumed, in accordance to Zardoya et al. (2004), that recognizes a panmictic population with gene flow between the Mediterranean Sea and the Atlantic Ocean; however (Costa et al. 2011), basing their findings in parasites' analysis, ponder the existence of different stock units along the Eastern Atlantic.

Based on the complete and partial mitochondrial and nuclear DNA sequences (Infante et al., 2007; Catanese et al., 2010), the Atlantic chub mackerel Scomber colias is considered a distinct species of chub mackerel Scomber japonicus which is in turn distributed along the Pacific Ocean.

RELATED LINKS:
- European Commission (EC)
- Portuguese Ministry of Sea (MM)
- Spain Ministry of Agriculture, Food, and the Environment (MAGRAMA)

ASSESSMENT

Strengths
- This species is considered abundant in its distribution area.

Weaknesses
- There is no scientific assessment and consequently, no reference points are defined.

Options
- An analytical assessment should be developed in short-term.

SCORES

Management Quality:
- Management Strategy: NOT YET SCORED
- Managers Compliance: < 6
- Fishers Compliance: NOT YET SCORED

Stock Health:
- Current Health: ≥ 6
- Future Health: ≥ 6

FIPS
No related FIPs

MSC
No related MSC fisheries

Stock Profile
https://www.fishsource.org/stock_page/1823
This profile last updated on 23 October 2016
Fisheries

Within FishSource, the term "fishery" is used to indicate each unique combination of a flag country with a fishing gear, operating within a particular management unit, upon a resource. That resource may have a known biological stock structure and/or may be assessed at another level for practical or jurisdictional reasons.

A fishery is the finest scale of resolution captured in FishSource profiles, as it is generally the scale at which sustainability can most fairly and practically be evaluated.

<table>
<thead>
<tr>
<th>ASSESSMENT UNIT</th>
<th>MANAGEMENT UNIT</th>
<th>FLAG COUNTRY</th>
<th>FISHING GEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>NE Atlantic</td>
<td>EU/Portugal</td>
<td>Portugal</td>
<td>Purse seines</td>
</tr>
<tr>
<td></td>
<td>EU/Spain</td>
<td>Spain</td>
<td>Seine nets</td>
</tr>
</tbody>
</table>

Management Unit

<table>
<thead>
<tr>
<th>MANAGEMENT UNIT</th>
<th>ORGANIZATION</th>
<th>FISHING AREA</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU/Portugal</td>
<td>European Commission (EC), Portuguese Ministry of Sea (MM)</td>
<td>FAO 27.9a</td>
</tr>
<tr>
<td>EU/Spain</td>
<td>European Commission (EC), Spain Ministry of Agriculture, Food, and the Environment (MAGRAMA)</td>
<td>FAO 27.8c, FAO 37.1, FAO 27.9a</td>
</tr>
</tbody>
</table>