Cynoscion nortoni, hake weakfish

Assessment by: Melendez, R. & Chao, L.

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**Taxonomy**

<table>
<thead>
<tr>
<th>Kingdom</th>
<th>Phylum</th>
<th>Class</th>
<th>Order</th>
<th>Family</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animalia</td>
<td>Chordata</td>
<td>Actinopterygii</td>
<td>Perciformes</td>
<td>Sciaenidae</td>
</tr>
</tbody>
</table>

**Taxon Name:** *Cynoscion nortoni* Béarez, 2001

**Common Name(s):**
- English: hake weakfish
- Spanish: corvina de altura, corvina merluza

**Assessment Information**

**Red List Category & Criteria:** Data Deficient [ver 3.1](http://dx.doi.org/10.2305/IUCN.UK.2010-3.RLTS.T183686A8158497.en)

**Year Published:** 2010

**Date Assessed:** December 11, 2009

**Justification:**
The species is only known from six specimens taken in Ecuador and Peru. It has a small known range and may be impacted by threats, but there is insufficient information on the population size and distribution of this species to determine the IUCN category of threat. It is listed as Data Deficient.

**Geographic Range**

**Range Description:**
This species is endemic to the Eastern Tropical Pacific, and is found from the coasts of Ecuador (Type locality: Fish Market, Puerto López, Manabí) to Paita, Peru.

**Country Occurrence:**
Native: Ecuador; Peru

**FAO Marine Fishing Areas:**
Native: Pacific - southeast
Distribution Map

Cynoscion nortoni

Range
- Extant (resident)

Compiled by:
International Union for Conservation of Nature (IUCN)
Population
This is a small sized-species that is uncommon (Bearez 2001). It is known from only six specimens.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)
This species inhabits moderately deep water between 100-200 m depth, probably living near the bottom. The maximum size recorded was 30.3 cm (TL).

Systems: Marine

Use and Trade (see Appendix for additional information)
This species is caught by longline and the type specimens were obtained from a fish market, but the importance of this species to subsistence and national fisheries might be small. There is no detailed information on the fishery. It has no commercial value because of its small size and flabby flesh (Bearez 2001).

Threats (see Appendix for additional information)
This species is caught by longline and the type specimens were obtained from a fish market. It is not known if this collection for food is causing population declines.

Conservation Actions
There are no known specific conservation measures in place for this species. Research on the biology, ecology, and distribution of this species will assist in developing appropriate conservation measures.

Credits

Assessor(s): Melendez, R. & Chao, L.

Reviewer(s): Carpenter, K., Polidoro, B. & Livingstone, S. (Global Marine Species Assessment Team)
Bibliography


Citation


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External Resources

For [Images and External Links to Additional Information](http://www.iucnredlist.org), please see the Red List website.
Appendix

Habitats
(http://www.iucnredlist.org/technical-documents/classification-schemes)

<table>
<thead>
<tr>
<th>Habitat</th>
<th>Season</th>
<th>Suitability</th>
<th>Major Importance?</th>
</tr>
</thead>
<tbody>
<tr>
<td>9. Marine Neritic -&gt; 9.5. Marine Neritic - Subtidal Sandy-Mud</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>9. Marine Neritic -&gt; 9.6. Marine Neritic - Subtidal Muddy</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Use and Trade
(http://www.iucnredlist.org/technical-documents/classification-schemes)

<table>
<thead>
<tr>
<th>End Use</th>
<th>Local</th>
<th>National</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food - human</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

Threats
(http://www.iucnredlist.org/technical-documents/classification-schemes)

<table>
<thead>
<tr>
<th>Threat</th>
<th>Timing</th>
<th>Scope</th>
<th>Severity</th>
<th>Impact Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. Biological resource use -&gt; 5.4. Fishing &amp; harvesting aquatic resources -&gt; 5.4.1. Intentional use: (subsistence/small scale)</td>
<td>Ongoing</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Research Needed
(http://www.iucnredlist.org/technical-documents/classification-schemes)

<table>
<thead>
<tr>
<th>Research Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Research -&gt; 1.2. Population size, distribution &amp; trends</td>
</tr>
<tr>
<td>1. Research -&gt; 1.3. Life history &amp; ecology</td>
</tr>
<tr>
<td>1. Research -&gt; 1.5. Threats</td>
</tr>
</tbody>
</table>

Additional Data Fields

<table>
<thead>
<tr>
<th>Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower depth limit (m): 200</td>
</tr>
<tr>
<td>Upper depth limit (m): 100</td>
</tr>
<tr>
<td><strong>Population</strong></td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>Population severely fragmented: No</td>
</tr>
</tbody>
</table>

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