West Coast Groundfish

Go Fish! Module fish templates
Instructions

1. Select a local fishery for your region. If you live on the West coast of the US, use the fish species presented here!

2. Find and print fish images in three sizes (be sure to find free share images):
   a. Small – sexually immature fish
   b. Medium – small mature fish
   c. Large – large mature fish

3. Cut and laminate the fish.

4. Use a black permanent marker to write life history information on the back of each fish.
Life history information

• Fish life history information can be found in books, online in reports and in scientific papers.

• Try searching online using Google Scholar for the following pieces of data:
  – [SPECIES] maximum and minimum size
  – [SPECIES] fecundity
  – [SPECIES) length-weight relationship

• Depending on your learning objectives, it might not be necessary to have accurate life history information to do this module, but be sure to let students know!
# West Coast groundfish life history information

<table>
<thead>
<tr>
<th>Species</th>
<th>Length (cm)</th>
<th># of eggs produced</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kelp greenling</td>
<td>Small – 20</td>
<td>Small – 0</td>
<td>Small – 1.0</td>
</tr>
<tr>
<td></td>
<td>Medium – 30</td>
<td>Medium – 900,000</td>
<td>Medium – 2.6</td>
</tr>
<tr>
<td></td>
<td>Large – 45</td>
<td>Large – 1.5 million</td>
<td>Large – 4.2</td>
</tr>
<tr>
<td>Petrale sole</td>
<td>Small – 37</td>
<td>Small – 0</td>
<td>Small – 1.1</td>
</tr>
<tr>
<td></td>
<td>Medium – 43</td>
<td>Medium – 650,000</td>
<td>Medium – 1.8</td>
</tr>
<tr>
<td></td>
<td>Large - 60</td>
<td>Large – 1.1 million</td>
<td>Large – 5.1</td>
</tr>
<tr>
<td>Hake (P. whiting)</td>
<td>Small – 29</td>
<td>Small – 0</td>
<td>Small – 0.4</td>
</tr>
<tr>
<td></td>
<td>Medium – 49</td>
<td>Medium – 500,000</td>
<td>Medium – 1.0</td>
</tr>
<tr>
<td></td>
<td>Large - 82</td>
<td>Large – 2.2 million</td>
<td>Large – 1.5</td>
</tr>
<tr>
<td>California halibut</td>
<td>Small – 55</td>
<td>Small – 0</td>
<td>Small – 6</td>
</tr>
<tr>
<td></td>
<td>Medium – 90</td>
<td>Medium – 1.7 million</td>
<td>Medium – 14</td>
</tr>
<tr>
<td></td>
<td>Large - 140</td>
<td>Large – 3.8 million</td>
<td>Large - 60</td>
</tr>
<tr>
<td>Blue rockfish</td>
<td>Small – 21</td>
<td>Small – 0</td>
<td>Small – 0.6</td>
</tr>
<tr>
<td></td>
<td>Medium – 28</td>
<td>Medium – 70,000</td>
<td>Medium – 1.5</td>
</tr>
<tr>
<td></td>
<td>Large - 39</td>
<td>Large – 525,000</td>
<td>Large – 2.4</td>
</tr>
<tr>
<td>China rockfish</td>
<td>Small – 25</td>
<td>Small – 0</td>
<td>Small – 0.9</td>
</tr>
<tr>
<td></td>
<td>Medium – 34</td>
<td>Medium – 80,000</td>
<td>Medium – 2.0</td>
</tr>
<tr>
<td></td>
<td>Large - 42</td>
<td>Large – 500,000</td>
<td>Large – 3.0</td>
</tr>
<tr>
<td>Yelloweye rockfish</td>
<td>Small – 30</td>
<td>Small – 0</td>
<td>Small – 1.1</td>
</tr>
<tr>
<td></td>
<td>Medium – 47</td>
<td>Medium – 1.2 million</td>
<td>Medium – 4.4</td>
</tr>
<tr>
<td></td>
<td>Large - 65</td>
<td>Large – 2.7 million</td>
<td>Large – 17.6</td>
</tr>
</tbody>
</table>
Kelp greenling

- **Greenling**
  - 45 cm
  - 1.5 million eggs
  - 4.2 lbs

- **Greenling**
  - 30 cm
  - 900,000 eggs
  - 7.6 lbs

- **Greenling**
  - 20 cm
  - Immature
  - 1.0 lbs
Petrale sole

- Sole 140 cm
  - 1.1 million eggs
  - 5.1 lbs

- Sole 43 cm
  - 650,000 eggs
  - 1.8 lbs

- Sole 37 cm
  - Immature
  - 1.1 lbs
Hake (Pacific whiting)
California halibut
Blue rockfish

- Blue: 39 cm, 525,000 eggs, 2.4 lbs
- Blue: 28 cm, 70,000 eggs, 1.5 lbs
- Blue: 21 cm, immature, 0.6 lbs
China rockfish

- **42 cm**
- 500,000 eggs
- 3 lbs

- **34 cm**
- 80,000 eggs
- 2 lbs

- **25 cm**
- Immature
- 0.9 lbs
Yelloweye rockfish