Northern prawn – Western Greenland

Fishery: Northern prawn – Atlantic Canada SFAs 2–6

SCIENTIFIC NAME: Northern prawn; Pink shrimp

COMMON NAMES: Northern prawn, northern shrimp

SPECIES NAME(S): Pandalus borealis

IDENTIFICATION

In the NW Atlantic were considered other stocks separately: Canada SFA 1, Northern prawn – Atlantic Canada SFAs 4–6, and Northern prawn – Atlantic Canada SFA 7. The profile corresponds to the assessment and management units into Shrimp Fishery Areas (SFAs). This profile has been developed with reference to Jorde et al. (2015).

Northern prawn stocks were considered to be the separate population of P. borealis in the North Atlantic. The population from northwest Greenland has not been clearly defined and may represent a single metapopulation within the Northwest Atlantic. There are some differences that provide basis for delineating separate stocks of Northern prawn (P. borealis) from the Northwest Atlantic.

Related links:
- Department of Fisheries and Oceans Canada
- International Council for the Exploration of the Sea (ICES)
- Northwest Atlantic Fisheries Organization (NAFO)
- Atlantic Fisheries Organization (NAFO)
- Canadian fisheries administration
- Greenland fisheries administration

ASSESSMENT

Strengths

1. Both biomass and mortality are thought to currently be at safe levels in terms of MSY reference points. 2. Bycatch rates are low, although they may be under-reported. 3. There is detailed monitoring and research that backs up quotas and the harvest strategy.

Weaknesses

1. The Canadian and Greenlandic catch limits for this stock have exceeded the recommended NAFO/ICES catch limits by approximately 20% in most years of the last decade. 2. There is no bilateral agreement between Greenland and Canada establishing a stock-wide harvest strategy. 3. The Canadian harvest strategy for this stock is not included in an integrated fisheries management plan. 4. There is limited knowledge of the effects of the fishery on the ecosystem.

SCORES

Management Quality:

<table>
<thead>
<tr>
<th>Management Strategy</th>
<th>Managers Compliance</th>
<th>Fishers Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>≥ 6</td>
<td>≥ 6</td>
<td>10</td>
</tr>
</tbody>
</table>

Stock Health:

<table>
<thead>
<tr>
<th>Current Health</th>
<th>Future Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.3</td>
<td>8.2</td>
</tr>
</tbody>
</table>

FIPS

No related FIPs

MSC

- Canada northern and striped shrimp
- MSC Recertified

RECOMMENDATIONS

CATCHERS & REGULATORS

1. Conduct an evaluation of Greenland’s fishery management plan to determine if it is precautionary, and develop a Canadian fishery management plan including an explicit harvest strategy.
2. Establish a bilateral fisheries agreement between Greenland and Canada.
3. Set total allowable catches in line with scientific advice.
4. Work actively to address and close out conditions placed upon the certification of the fishery in the agreed timeframe.
5. Report achievements publicly to share progress with buyers.

RETAILERS & SUPPLY CHAIN

1. Monitor the progress in closing out conditions placed upon the MSC certification of the fishery and if agreed timelines are met.
2. Express your support to help meet conditions that may be at a government/regulatory level (where applicable).