



# **Publix**

Founded in 1930 in Winter Haven, Florida, Publix is now the largest employee—owned grocery chain in the United States. Publix is one of the 10 largest-volume supermarket chains in the country, with over 1,100 stores throughout the south from Virginia to Florida. Publix currently sells over 300 seafood products, including fresh, frozen and processed seafood, and also offers a special request service for fresh fish, with up to 80 species on offer.

# **Summary**

In 2017, Publix was lauded for becoming the first US supermarket retailer to participate in the Ocean Disclosure Project. Publix has been a partner with Sustainable Fisheries Partnership (SFP) since 2009 and was an early adopter of the fishery improvement project (FIP) approach. Actively encouraging its suppliers to participate in FIPs where needed, Publix played an important role in bringing key stakeholders to the table to get the <u>Gulf of Mexico shrim</u> <u>p</u> and snapper/grouper FIPs started. Publix regularly convenes all of their seafood suppliers to talk about sustainability and works with the National Fisheries Institute (NFI), and the Food Marketing Institute (FMI) to drive change in the industry.



http://sustainability.publix.com/meat\_seafood/seafood-sustainability-program

# **Associated Fisheries**



Fishery Name and Location	Fishing Methods	Certification or FIP	Stock Status and Management	Notes
Acadian redfish Sebastes fasciatus Gulf of Maine and Georges Bank Fishery countries: U.S.	• Bottom trawl	Certified	Well managed	~

- This fishery is unlikely to have unacceptable impacts on PET species. PET species that may interact with the fishery include marine mammals, sea turtles and Atlantic sturgeon, but recorded interactions are low.
- This fishery does not pose a risk of serious harm to bycatch species. Major bycatch species include dogfish and skate, of which, thorny skate is overfished. There is a partial strategy in place to ensure the fishery does not hinder the recovery of thorny skate.
- Bottom trawls will directly impact on the sea bed. However, management measures are in place.

#### **General Notes**

#### Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### Reference

SAI Global, 2016, MSC Assessment Final Report and Determination for US Acadian Redfish, Pollock and Haddock Otter Trawl Fishery,

Alaska pollock				
Theragra chalcogramma	<ul> <li>Midwater trawl</li> </ul>	Certified	Well managed	~
Aleutian Islands				
Fishery countries:				
U.S.				

#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed, but occasional impacts may occur.

# General Notes

• This fish plays an important role in the marine food web and so potential impacts on the wider marine ecosystem must be monitored.

Alaska pollock Theragra chalcogramma Gulf of Alaska Fishery countries: U.S.	Certified	Well managed	~
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- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed, but occasional impacts may occur.

#### **General Notes**

• This fish plays an important role in the marine food web and so potential impacts on the wider marine ecosystem must be monitored.

American angler Lophius americanus  Bottom trawl  US North Atlantic North  Fishery countries: U.S.	rtified or in a  FIP  Well managed  ✓
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#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low, many species are retained.
- Bottom trawls will directly impact on the sea bed.

#### **General Notes**

No additional notes

American cupped oyster Crassostrea virginica S Gulf of St. Lawrence Fishery countries: Canada  - Rake / hand gathered / hand netted	Not certified or in a FIP	Managed	~
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#### **Environmental Notes**

- This fishery has no impact on PET species.
- There is no risk of bycatch for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes

American lobster  Homarus americanus  Georges Bank and Nova Scotia offshore  Fishery countries:  U.S.  Not certified or in a FIP  Managed  V  Managed	
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#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

• No additional notes

American lobster  Homarus americanus  Gulf of Maine and Georges Bank  Fishery countries:  U.S.  Some product from certified fisheries  Well managed  V	nerican lobster marus americanus ulf of Maine and Georges Bank ishery countries:	• Pots and traps
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#### **Environmental Notes**

- There are potential risks to PET species with this fishery, but mitigation actions are underway.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes.

American lobster Homarus americanus  Gulf of St. Lawrence South  Fishery countries: Canada	• Pots and traps	Certified	Well managed	~
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#### **Environmental Notes**

- This fishery is unlikely to impact PET species. The risk to marine mammals of entanglement in lobster gear is considered low.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

No additional notes

American lobster Homarus americanus  Newfoundland  Fishery countries: Canada	Not certified or in a FIP	Profile not yet complete	~
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# **Environmental Notes**

- The risk to endangered right whales of entanglement in lobster gear remains a concern.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### Other ratings

Seafood Watch categorises Atlantic lobster caught in Canada with traps and pots as a "Good Alternative", with a rating of 'Moderate concern' for the status of the stock and 'Moderate concern' for management effectiveness.

Ocean Wise categorises American lobster caught in Canada - Atlantic with pots/traps as "Not Recommended."

#### Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### Reference

Seafood Watch, 2006, Canada American Lobster Seafood Watch Report

Ocean Wise Seafood Program, Lobster

Fisheries and Oceans Canada, Assessment of American lobster in Newfoundland - Science Advisory Report, 2016

Safina Center, 2014. American lobster report

+				
American lobster  Homarus americanus	<ul><li>Pots and traps</li></ul>	Certified	Well managed	<b>~</b>
South Shore Nova Scotia				·
Fishery countries: Canada				

#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

# **General Notes**

• No additional notes.

American lobster  Homarus americanus  Southern New England/Mid Atlantic  Fishery countries:  U.S.	Not certified or in a FIP	Needs improvement	~
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#### **Environmental Notes**

- There are potential risks to PET species with this fishery, but mitigation actions are underway.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

# General Notes



# SW Nova Scotia Fishery countries: Canada

#### **Environmental Notes**

- This fishery is unlikely to impact PET species. The risk to marine mammals of entanglement in lobster gear is considered low.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### Reference

SAI Global, MSC Assessment for Bay of Fundy, Scotian Shelf and Southern Gulf of St Lawrence lobster (Homarus americanus) Trap Fisheries - Public Certification Report, 2015

American sea scallop Placopecten magellanicus Eastern Georges Bank Fishery countries: Canada	• Dredge	Certified	Well managed	~
Canada				

#### **Environmental Notes**

- This fishery is unlikely to have significant impacts on PET species.
- Bycatch for this fishery is likely to be low. Furthermore, bycatch of commercial finfish is included in groundfish quotas.
- Dredges will directly impact on the sea bed.

#### **General Notes**

#### Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### Reference

Seafood Watch, 2011, Canada Atlantic Sea Scallop Seafood Watch Report

Argentine red shrimp Pleoticus muelleri Patagonian Fishery countries: Argentina	Some product from FIP fisheries	Managed	~
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#### **Environmental Notes**

- There are potential risks to sharks with this fishery.
- Bycatch is a significant risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

#### General Notes

Atlantic cod Gadus morhua Barents Sea Fishery countries: Russia	• Bottom trawl	Certified	Well managed	~
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- There are potential risks to PET species with this fishery, but mitigation actions are underway.
- Bycatch is a risk for this fishery, but there are mitigation measures in place.
- Bottom trawls will directly impact on the sea bed.

#### **General Notes**

No additional notes.

Atlantic cod Gadus morhua  Eastern Scotian shelf Fishery countries: Canada	• Long line	Not certified or in a FIP	Needs improvement	~
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#### **Environmental Notes**

- There is a potential risk to PET species with this fishery. Longlines present a hazard to turtles, seabirds and sharks but these risks can be reduced through proper management of fishing gear.
- There is very low bycatch for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

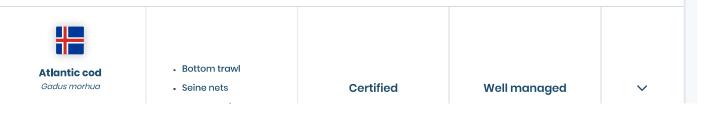
No additional notes.

Atlantic cod Gadus morhua Georges Bank Fishery countries: U.S.	• Bottom trawl	Not certified or in a FIP	Needs improvement	~
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#### **Environmental Notes**

- There are potential risks to PET species with this fishery, but mitigation actions are underway.
- There is significant bycatch with this fishery but non-target species are retained.
- Bottom trawls will directly impact on the sea bed.

# General Notes



Icelandic	<ul> <li>Hook and line</li> </ul>			
Fishery countries: Iceland				
• There is bycatch for this to species.	nave direct impacts on PET species fishery but non-target species are the gear type. Bottom trawls will ho	retained. Management measures	s are in place to reduce impacts or a bed.	n retained
Seneral Notes				
No additional notes.				
Atlantic cod Gadus morhua  Norwegian coastal  Fishery countries: Norway	- Midwater trawl	Certified	Well managed	~
species.			s are in place to reduce impacts or	n retained
Atlantic halibut Hippoglossus hippoglossus Gulf of St. Lawrence	- Bottom trawl	Not certified or in a FIP	Needs improvement	~

- Profile not yet complete.
- Profile not yet complete.
- Bottom trawls will directly impact on the sea bed.

# **General Notes**

• The life history characteristics of Atlantic halibut: long-lived and late maturity, increase its vulnerability to overfishing.

*	• Bottom trawl			
<b>Atlantic halibut</b>	<ul> <li>Gillnets and</li> </ul>			
Hippoglossus hippoglossus	entangling nets	Certified	Well managed	~
Scotian shelf and	<ul><li>Long line</li></ul>	Gertined	Well managea	·
Southern Grand Banks	<ul> <li>Handlines and pole-</li> </ul>			
Fishery countries:	lines			

- Canada	III IOO			
Environmental Notes  • Profile not yet complete.  General Notes  • The life history character	ristics of Atlantic halibut: long-lived	and late maturity, increase its vul	nerability to overfishing.	
Atlantic silverside Menidia menidia  Prince Edward Island  Fishery countries: Canada	. Seine nets	Not certified or in a FIP	Profile not yet complete	~
<ul><li>Environmental Notes</li><li>Profile not yet complete.</li><li>General Notes</li><li>No additional notes.</li></ul>				
Atlantic wolffish Anarhichas lupus Icelandic Fishery countries: Iceland	Seine nets     Long line     Handlines and polelines	Not certified or in a FIP	Needs improvement	~
General Notes			ulnerability to overfishing.	
Black stone crab Menippe mercenaria Florida Fishery countries: U.S.	• Pots and traps	Not certified or in a FIP	Managed	~

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered very low. All incidental catch is returned to the water alive.
- This fishery is unlikely to have a significant impact on the sea bed.

#### Other ratings

Seafood Watch categorises Florida stone crab caught in the U.S. Atlantic and U.S. Gulf of Mexico with pots as "Best Choice", with a score for Criterion 1: Target Species of 3.05 and a score for Criterion 3: Management of 3.00.

Ocean Wise categorises stone crab caught in the U.S. Atlantic and U.S. Gulf of Mexico with traps as "Recommended."

#### Caveat

The stock status and management rating and environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### References

Seafood Watch, 2013, U.S. Atlantic and Gulf of Mexico Florida Stone and Gulf Stone Crab Seafood Watch Report

Ocean Wise Seafood Program, Stone Crab

#### **Environmental Notes**

- Profile not yet complete.
- Profile not yet complete.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

No additional notes.

Blue mussel		Not certified or in a	Needs	
Mytilus edulis	<ul><li>Dredge</li></ul>	FIP	improvement	~
Gulf of Maine		rir	improvement	
Fishery countries:				
U.S.				

# **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- Dredges will directly impact on the sea bed.

#### **General Notes**

#### Other ratings

Seafood Watch categorises blue mussel caught in Maine with dredges as a "Good alternative", with a score for Criterion 1: Target Species of 2.64 and a score for Criterion 3: Management of 3.00.

Ocean Wise - Recommended

#### Caveat

The stock status and management rating and environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### References

Seafood Watch, 2017, Blue Mussel Seafood Watch Report

Blue squat lobster Cervimunida johni Chilean northern Fishery countries: Chile	• Bottom trawl	Certified	Well managed	~
<ul><li>Environmental Notes</li><li>Profile not yet complete.</li><li>General Notes</li><li>No additional notes.</li></ul>				
Blue swimming crab Portunus pelagicus Philippines Fishery countries: Philippines	<ul> <li>Bottom trawl</li> <li>Seine nets</li> <li>Gillnets and entangling nets</li> <li>Pots and traps</li> </ul>	FIP	Needs improvement	~
selective.	hery depending on gear type, trav	vls and gillnets tend to be the mos ave the greatest impact on the sec	t indiscriminate while crab pots ar a bed.	e very
Blue swimming crab Portunus pelagicus Vietnam Fishery countries: Vietnam	<ul><li>Gillnets and entangling nets</li><li>Pots and traps</li></ul>	FIP	Needs improvement	~
<ul> <li>Environmental Notes</li> <li>There are risks to sea turtles with this fishery.</li> <li>There is bycatch for this fishery but non-target species are retained.</li> <li>Habitat impacts in this fishery are not well understood.</li> </ul> General Notes <ul> <li>No additional notes</li> </ul>				
Chilean mussel Mytilus chilensis Chilean Region X	• Miscellaneous	Certified	Well managed	~

<b>Fishery countries:</b> Chile				
Environmental Notes  This fishery is unlikely to i Bycatch for this fishery is This fishery is unlikely to the General Notes  No additional notes.		ea bed.		
Chinook salmon Oncorhynchus tshawytscha Alaska - Bristol Bay Fishery countries: U.S.	Gillnets and     entangling nets	Certified	Well managed	~
	mpact PET species. ishery, but there are mitigation me nave a significant impact on the se			
Chum salmon Oncorhynchus keta Alaska - Alaska Peninsula, Aleutian Island and Chignik Fishery countries: U.S.	Purse seine     Gillnets and     entangling nets	Certified	Well managed	~
<ul> <li>This fishery is unlikely to he</li> <li>General Notes</li> <li>Caveat</li> <li>The environmental notes for the</li> <li>References</li> </ul>	mpact PET species.  are in place to minimise bycatch on the second a significant impact on the second in the secon	ea bed. nal assessment and are not derive	ed from the FishSource profile.	
Cobia Rachycentron canadum	• Hook and line	Not certified or in a FIP	Well managed	~

**US Atlantic South** 

# Fishery countries: U.S.

#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- This fish is caught as a bycatch species.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### Other ratings

Seafood Watch categorises cobia caught in the U.S. Gulf of Mexico and the U.S. Atlantic with handlines as a "Best Choice." with a score for Criterion 1: Target Species of 3.83 and 5.00, respectively, and a score for Criterion 3: Management of 3.87.

#### Cavea

The stock status and management rating and environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### References

Seafood Watch, 2014, U.S. Wild Cobia Seafood Watch Report

Coho salmon Oncorhynchus kisutch Alaska - Annette Islands Reserve Fishery countries: U.S.	<ul><li>Gillnets and entangling nets</li><li>Long line</li></ul>	Certified	Well managed	~
3,3,				

#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### References

Intertek Moody Marine, 2013, Alaska Salmon Fishery MSC Public Certification Report

Coho salmon Oncorhynchus kisutch Alaska - Bristol Bay Fishery countries: U.S.  Certified Well managed	<b>~</b>	
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# **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### References

Intertek Moody Marine, 2013, Alaska Salmon Fishery MSC Public Certification Report

Coho salmon Oncorhynchus kisutch Alaska - Southeast Alaska Fishery countries: U.S.	• Long line	Certified	Well managed	~
· •	mpact PET species. ycatch of chinook salmon with this	•		

• This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes.

Dot-dash grouper Epinephelus poecilonotus  Aru Bay, Arafura Sea and Eastern of Timor Sea  Fishery countries: Indonesia	d pole- FIP	Profile not yet complete	~
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# **Environmental Notes**

• Profile not yet complete.

# General Notes

• This Indonesian multispecies fishery captures Snappers nei, Groupers nei and other reef fishes. There is as yet no consensus as to the stock structure of these species. This profile may undergo restructuring in the future as new information comes to light.

Dot-dash grouper Epinephelus poecilonotus  Southern Java to Western of Timor Sea  Fishery countries: Indonesia	FIP	Profile not yet complete	~
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#### **Environmental Notes**

• Profile not yet complete.

# **General Notes**

• This Indonesian multispecies fishery captures Snappers nei, Groupers nei and other reef fishes. There is as yet no consensus as to the stock structure of these species. This profile may undergo restructuring in the future as new information comes to light.



Dover sole Microstomus pacificus  US Pacific Coast  Fishery countries:  U.S.	- Bottom trawl	Not certified or in a FIP	Managed	~
Environmental Notes  This fishery is unlikely to i Bycatch for this fishery is Bottom trawls will directl  General Notes  No additional notes.	considered low.			
European plaice Pleuronectes platessa lcelandic Fishery countries:	• Bottom trawl	Not certified or in a FIP	Managed	~
	ishery, but there is insufficient do	s insufficient data available to assess ata available to assess significance.	significance.	
Greenland halibut Reinhardtius hippoglossoides	Bottom trawl     Gillnets and     entangling nets	Not certified or in a FIP	Profile not yet	
NE Atlantic / S stock  Fishery countries:  Greenland	• Long line		complete	~
Fishery countries: Greenland  Environmental Notes  Profile not yet complete. Profile not yet complete.	-	have the greatest impact on the sea		~

• Profile not yet complete.

#### **General Notes**

• No additional notes.

Gulf weakfish Cynoscion othonopterus Ecuador Fishery countries: Ecuador  Ecuador
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#### **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

• No additional notes.

#### **Environmental Notes**

- This fishery is unlikely to impact PET species, but available data is still limited.
- Bycatch varies for this fishery depending on gear type. Long lines and gillnets present the greatest risk.
- Bottom trawls will directly impact on the sea bed. An MSC condition is in place to strengthen understanding of fishery interactions with sensitive habitat.

# General Notes

• No additional notes.

Haddock  Melanogrammus aeglefinus  Eastern Scotian Shelf  Fishery countries: Canada  Not certified or in a FIP  improvement  Needs improvement	Melanogrammus aeglefinus  Eastern Scotian Shelf  Fishery countries:	. Bottom trawl			~
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#### **Environmental Notes**

- There are risks to PET species with this fishery, but mitigation actions are underway.
- There is bycatch for this fishery but non-target species are retained.
- This fishery is unlikely to have a significant impact on the sea bed.

# **General Notes**

<b>Haddock</b> Melanogrammus aeglefinus	• Long line	Not certified or in a FIP	

# Managed

# **V**

#### **Environmental Notes**

Georges Bank
Fishery countries:
U.S.

- There are risks to PET species with this fishery, but there are mitigation measures in place.
- There is bycatch for this fishery but non-target species are retained. Management measures are in place to reduce impacts on retained species.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes

Haddock  Melanogrammus aeglefinus	<ul> <li>Bottom trawl</li> </ul>	Not certified or in a	Managed	<b>~</b>
	. Bottom trawi	FIP	манадеа	•
Gulf of Maine				
Fishery countries:				
U.S.				

#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch is a significant risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

#### General Notes

• No additional notes.

Haddock  Melanogrammus aeglefinus  Icelandic  Fishery countries: Iceland	<ul> <li>Seine nets</li> <li>Gillnets and entangling nets</li> <li>Hook and line</li> <li>Long line</li> </ul>	Certified	Well managed	~
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# **Environmental Notes**

- This fishery is unlikely to impact PET species. Longlines present a hazard to turtles, seabirds and sharks but these risks can be reduced through proper management of fishing gear.
- Bycatch for this fishery is considered low.
- Bottom trawls will directly impact on the sea bed.

# **General Notes**

King mackerel Scomberomorus cavalla Gulf of Mexico Fishery countries: U.S.  Not certified or in a FIP  Managed  FIP	Scomberomorus cavalla  Gulf of Mexico  Fishery countries:	• Hook and line		Managed	~
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- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered very low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes.

Longfin squid Loligo pealeii NW Atlantic Fishery countries: U.S.	Bottom trawl     Pots and traps     Miscellaneous	Not certified or in a FIP	Managed	~
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#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- There is some risk of bycatch by bottom trawl gear.
- Bottom trawls will directly impact on the sea bed.

# **General Notes**

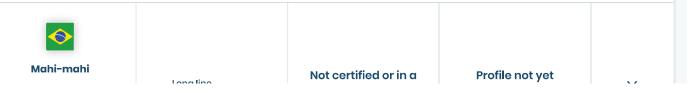
• No additional notes.

Mahi-mahi Coryphaena hippurus Atlantic Fishery countries: U.S.	• Handlines and pole- lines	Not certified or in a FIP	Profile not yet complete	~

#### **Environmental Notes**

- There are risks to turtles, sharks and seabirds with this fishery.
- Bycatch is a significant risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

# **General Notes**



<b>Fishery countries:</b> Brazil	. Long line	FIP	complete	•
Bycatch is a significant ri	sharks and seabirds with this fishe isk for this fishery. nave a significant impact on the se	•		
Mahi-mahi Coryphaena hippurus Eastern Pacific Ocean Fishery countries: Nicaragua	• Long line	Not certified or in a FIP	Needs improvement	~
<ul><li>through proper manage</li><li>Bycatch is a risk for this fi</li></ul>	cies with this fishery. Longlines pres ment of fishing gear. ishery but there is insufficient data nave a significant impact on the se	available to assess significance.	nd sharks but these risks can be re	duced
Mahi-mahi Coryphaena hippurus Eastern Pacific Ocean Fishery countries: Costa Rica	• Handlines and pole- lines	Not certified or in a FIP	Needs improvement	~
Coryphaena hippurus  Eastern Pacific Ocean  Fishery countries: Costa Rica  Environmental Notes  This fishery is unlikely to ii Bycatch for this fishery is	lines mpact PET species.	FIP		*

Fishery countries:

Guatemala

**Environmental Notes** 

- There are risks to turtles, sharks and seabirds with this fishery.
- Bycatch is a significant risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

• No additional notes.

Mahi-mahi Coryphaena hippurus Eastern Pacific Ocean Fishery countries: Nicaragua	. Handlines and pole- lines	Not certified or in a FIP	Needs improvement	~
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#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes.

Mahi-mahi Coryphaena hippurus Eastern Pacific Ocean Fishery countries: Panama	• Handlines and pole- lines	Not certified or in a FIP	Needs improvement	~
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#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

# General Notes

No additional notes.

Mahi-mahi Coryphaena hippurus  Western and Central Pacific  Fishery countries: Indonesia	ole- Not certified or in a FIP	Profile not yet complete	~
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#### **Environmental Notes**

- There are risks to turtles and seabirds with this fishery.
- Bycatch is a risk for this fishery but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

No additional notes.

<ul><li>Long line</li></ul>	fied or in a Well managed IP	~
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#### **Environmental Notes**

- There are risks to sea turtles and sharks with this fishery.
- Bycatch is a risk for this fishery.
- Bottom longline gear may impact on sponges and deepwater corals.

#### **General Notes**

#### Other ratings

Seafood Watch categorises mutton snapper caught in the U.S. Gulf of Mexico with bottom longlines as a "Good Alternative", with a score for Criterion 1: Target Species of 5.00 and a score for Criterion 3: Management of 3.464.

#### Caveat

The stock status and management rating and environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### References

Seafood Watch, 2016, U.S. Gulf of Mexico and Southeast Atlantic Mutton Snapper Seafood Watch Report

North Pacific hake  Merluccius productus  NE Pacific  Fishery countries:  U.S., Canada  Well managed  V  Well managed
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# **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch in this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

Fishery countries: U.S.
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- There is potential for turtle interactions with this fishery, but excluder devices are fitted to nets for protection.
- Bycatch is a risk for this fishery, but there are mitigation measures in place.
- Bottom trawls will directly impact on the sea bed.

#### **General Notes**

• No additional notes.

Northern pink shrimp				
Penaeus duorarum	<ul> <li>Bottom trawl</li> </ul>	FIP	Well managed	~
Northern Gulf of Mexico				
Fishery countries:				
U.S.				

#### **Environmental Notes**

- There is potential for turtle interactions with this fishery, but excluder devices are fitted to nets for protection.
- Bycatch is a significant risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

#### **General Notes**

No additional notes.

Northern prawn Pandalus borealis  Atlantic Canada: SFAs 8- 10  Fishery countries: Canada	. Bottom trawl	Certified	Well managed	~	
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#### **Environmental Notes**

- There are risks to seabirds with this fishery, but there is insufficient data available to assess significance.
- Bycatch is a risk for this fishery but there are mitigation measures in place.
- Bottom trawls will directly impact on the sea bed.

# General Notes

• No additional notes.

<b> *</b>				
Northern prawn				
Pandalus borealis	<ul> <li>Bottom trawl</li> </ul>	Certified	Well managed	~
Western Greenland				
Fishery countries:				
Canada				

#### **Environmental Notes**

• This fishery is unlikely to impact PET species.

- Bycatch is a risk for this fishery, but there are mitigation measures in place.
- Bottom trawls will directly impact on the sea bed.

No additional notes.

Mercenaria mercenaria	Not certified or in FIP	a Profile not yet complete	~
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#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

No additional notes

Northern red snapper Lutjanus campechanus Northern Gulf of Mexico	• Handlines and pole- lines	Not certified or in a FIP	Needs improvement	~
Northern Gulf of Mexico  Fishery countries:				
U.S.				

#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

# **General Notes**

• No additional notes

Northern white shrimp Penaeus setiferus  Northern Gulf of Mexico Fishery countries: U.S.	FIP	Managed	~
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# **Environmental Notes**

- There is potential for turtle interactions with this fishery, but excluder devices are fitted to nets for protection.
- Bycatch is a significant risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

#### **General Notes**

- There is potential for turtle interactions with this fishery, but excluder devices are fitted to nets for protection.
- Bycatch is a significant risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

#### **General Notes**

• No additional notes.

Opalescent inshore squid Loligo opalescens Eastern Pacific Fishery countries: US.  Not certified or in a FIP  Managed  Managed  V
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#### **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

No additional notes.

Orange roughy				
Hoplostethus atlanticus	<ul> <li>Bottom trawl</li> </ul>	Certified	Well managed	~
Challenger Plateau			· ·	
Fishery countries:				
New Zealand				
Now Zodiana				

# **Environmental Notes**

- This fishery is believed to have mininal impacts on PET species.
- Bycatch for this fishery is considered low.
- Bottom trawls will directly impact on the sea bed. There is insufficient data available to assess significance of impacts on vulnerable habitats such as cold water coral reefs.

#### **General Notes**

Orange roughy				
Hoplostethus atlanticus  East and South Chatham  Rise	• Bottom trawl	Certified	Well managed	~
Fishery countries: New Zealand				
Environmental Notes				
<ul><li> This fishery is unlikely to in</li><li> Bycatch for this fishery is a</li><li> Bottom trawls will directly</li></ul>	considered low.			
General Notes				
No additional notes.				
Orange roughy Hoplostethus atlanticus	• Bottom trawl	Not certified or in a FIP	Needs improvement	~
Mercury-Colville			improvement	
Fishery countries: New Zealand				
Environmental Notes  This fishery is unlikely to im Bycatch for this fishery is a	considered low.			
<ul> <li>Bottom trawls will directly</li> </ul> General Notes	impact on the sea bed.			
No additional notes.				
Orange roughy		Not certified or in a	Profile not yet	
Hoplostethus atlanticus  NZ East Cape	- Bottom trawl	FIP	complete	~
<b>Fishery countries:</b> New Zealand				
Environmental Notes				
This fishery is unlikely to im				

Orange roughy		Needs	

NZ Mid-East Coast Fishery countries: New Zealand	• Bottom trawl	FIP	improvement	~
Environmental Notes  This fishery is unlikely to ir Bycatch for this fishery is Bottom trawls will directly  General Notes  No additional notes.	considered low.			
Orange roughy Hoplostethus atlanticus  NW Chatham Rise  Fishery countries: New Zealand	• Bottom trawl	Certified	Well managed	~
Environmental Notes  This fishery is unlikely to in Bycatch for this fishery is Bottom trawls will directly  General Notes  No additional notes.	considered low.			
Pacific halibut Hippoglossus stenolepis NE Pacific - Alaska Fishery countries: U.S.	. Long line	Certified	Well managed	~
Bycatch is a risk for this fis	s with this fishery, but mitigation a shery, but there is insufficient datc ave a significant impact on the se	a available to assess significance.		
Pacific halibut Hippoglossus stenolepis  NE Pacific - British Columbia	• Long line	Certified	Well managed	~

Fishery countries: Canada				
<ul> <li>Environmental Notes</li> <li>This fishery is unlikely to in</li> <li>Bycatch for this fishery is a</li> <li>This fishery is unlikely to he</li> </ul> Seneral Notes <ul> <li>No additional notes.</li> </ul>		a bed.		
Pacific ocean perch Sebastes alutus  Vest coast of Vancouver Island  Fishery countries: Canada	. Bottom trawl	Not certified or in a FIP	Managed	~
This fishery is unlikely to in     Bycatch for this fishery is a     Bottom trawls will directly  General Notes     No additional notes.		sh are managed.		
Patagonian scallop Zygochlamys patagonica Argentine Fishery countries: Argentina	• Bottom trawl	Certified	Well managed	~
invironmental Notes  This fishery is unlikely to in Bycatch for this fishery is a Bottom trawls will directly	considered low.	management measures are in plo	ice.	

Environmental Notes				
Profile not yet complete.				
General Notes				
No additional notes.				
*				
Patagonian toothfish	Bottom trawl	0 - 14:6: - 4	M-II	
Dissostichus eleginoides  Southern Indian Ocean	<ul><li>Long line</li></ul>	Certified	Well managed	~
Fishery countries:				
Australia				
<ul> <li>Profile not yet complete.</li> <li>Profile not yet complete.</li> <li>Profile not yet complete.</li> <li>Bottom trawls will directly</li> </ul> General Notes <ul> <li>No additional notes.</li> </ul>	/ impact on the sea bed.			
Peruvian weakfish Cynoscion analis Nicaragua Fishery countries: Nicaragua	• Gillnets and entangling nets	Not certified or in a FIP	Profile not yet complete	~
Environmental Notes				
Profile not yet complete.				
Profile not yet complete.  General Notes				
<ul> <li>Profile not yet complete.</li> <li>General Notes</li> <li>No additional notes.</li> <li>Petrale sole</li> </ul>				
<ul> <li>Profile not yet complete.</li> <li>General Notes</li> <li>No additional notes.</li> <li>Petrale sole Eopsetta jordani</li> </ul>	• Bottom trawl	Certified	Well managed	~
Profile not yet complete.  General Notes  No additional notes.  Petrale sole Eopsetta jordani Northeast Pacific	• Bottom trawl	Certified	Well managed	~
<ul> <li>Profile not yet complete.</li> <li>General Notes</li> <li>No additional notes.</li> <li>Petrale sole Eopsetta jordani</li> </ul>	- Bottom trawl	Certified	Well managed	~

Bycatch is a risk for this fishery, but there are mitigation measures in place.
Bottom trawls will directly impact on the sea bed.

No additional notes				
Pink cusk-eel Genypterus blacodes  Panama Pacific Coast  Fishery countries: Panama	. Hook and line	Not certified or in a FIP	Profile not yet complete	~
Environmental Notes				
<ul> <li>Profile not yet complete.</li> </ul> General Notes				
No additional notes.				

Queen crab Chionoecetes opilio  NW Atlantic - Estuary and N Gulf of St Lawrence Fishery countries: Canada	Pots and traps	Not certified or in a FIP	Managed	~
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- This fishery is unlikely to impact PET species. Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes

Queen crab Chionoecetes opilio  NW Atlantic - Newfoundland and Labrador  Fishery countries: Canada	Certified	Well managed	~
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# **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

Queen crab Chionoecetes opilio  NW Atlantic - S Gulf of St. Lawrence Fishery countries: Canada	• Pots and traps	Some product from certified fisheries	Well managed	~
Environmental Notes  This fishery is unlikely to ir Bycatch for this fishery is This fishery is unlikely to h  General Notes  No additional notes		ea bed.		
Rainbow trout Oncorhynchus mykiss Columbia and Fraser Rivers Fishery countries: U.S.	. Gillnets and entangling nets	Not certified or in a FIP	Profile not yet complete	~
Environmental Notes  • Profile not yet complete.  General Notes  • No additional notes				
Red cusk-eel Genypterus chilensis Ecuador Fishery countries: Ecuador	• Long line	Not certified or in a FIP	Profile not yet complete	~
Environmental Notes  • Profile not yet complete.  General Notes  • No additional notes.				
Red king crab Paralithodes camtschaticus	• Pots and traps	Not certified or in a FIP	Profile not yet complete	~

<b>Fishery countries:</b> Russia				
Environmental Notes  This fishery is unlikely to ir Profile not yet complete. This fishery is unlikely to h  General Notes  No additional notes.	npact PET species. ave a significant impact on the se	a bed.		
Red king crab Paralithodes camtschaticus Bristol Bay Fishery countries: U.S.	• Pots and traps	Certified	Well managed	~
Environmental Notes  This fishery is unlikely to ir there is some bycatch of This fishery is unlikely to h	other crabs with this fishery.	ng had		
References		eries Management (RFM) Program.		
This fishery is certified thr  References	ough the Alaska Responsible Fishe	eries Management (RFM) Program.	Profile not yet complete	~
This fishery is certified thr  References  Alaska Seafood Marketing Inst  Red king crab  Paralithodes camtschaticus  Western Kamchatka  Fishery countries: Russia  Environmental Notes      There is a lack of informa     Bycatch is a risk for this fi	ough the Alaska Responsible Fishe itute, RFM Certification: Alaska Cra	eries Management (RFM) Program.  b  FIP  es in this fishery. I available to assess significance.	Profile not yet	~

Louisiana territorial sea

Fishery countries: U.S.				
Environmental Notes				
<ul><li> This fishery is unlikely to in</li><li> Bycatch for this fishery is</li><li> This fishery is unlikely to h</li></ul>	· · · · · · · · · · · · · · · · · · ·	sea bed.		
General Notes				
Other ratings Seafood Watch categorises re of 2.64 and a score for Criteric		uisiana with traps as a "Good Alterno	tive", with a score for Criterion 1: Ta	rget Species
Caveat The stock status and manage rom the FishSource profile.	ment rating and environmental	notes for this fishery are based on a	provisional assessment and are n	not derived
	a Crayfish Seafood Watch Repo	<u>t</u>		
Red swamp crawfish Procambarus clarkii Guadalquivir delta Fishery countries:	a Crayfish Seafood Watch Repo	Not certified or in a	Profile not yet complete	~
Red swamp crawfish  Procambarus clarkii  Guadalquivir delta		Not certified or in a		~

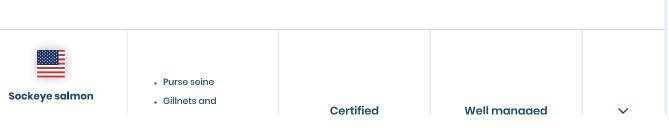
• No additional notes.



# **Environmental Notes**

• Profile not yet complete.

# **General Notes**



Oncorhynchus nerka Alaska Fishery countries: U.S.	entangling nets Long line		<del></del>	
General Notes  Caveat The environmental notes for the References	considered low. ave a significant impact on the bo	nal assessment and are not derive	ed from the FishSource profile.	
Southern red snapper Lutjanus purpureus Suriname Fishery countries: Suriname	• Hook and line	Not certified or in a FIP	Profile not yet complete	~
Environmental Notes  • Profile not yet complete.  General Notes  • No additional notes.				
Spotted rose snapper Lutjanus guttatus  Costa Rica Pacific  Fishery countries: Costa Rica	• Long line	Not certified or in a FIP	Profile not yet complete	~
Environmental Notes  • Profile not yet complete.  General Notes  • No additional notes.				
Spotted weakfish Cynoscion nebulosus NE Florida Fishery countries: U.S.	. Handlines and pole- lines	Not certified or in a FIP	Profile not yet complete	~

• Profile not yet complete.

#### **General Notes**

• No additional notes.

Spotted weakfish Cynoscion nebulosus  Ines  Fishery countries: U.S.  Handlines and pole— Not certified or in a Profile not yet complete	SE Florida Fishery countries:	,		•	~
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#### **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

No additional notes.

Swordfish Xiphias gladius Indian Ocean Fishery countries: Indonesia	• Long line	FIP	Needs improvement	~
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# **Environmental Notes**

- There is a risk to PET species with this fishery. Longlines present a hazard to turtles, seabirds and sharks, but these risks can be reduced through proper management of fishing gear.
- Bycatch for this fishery includes tuna, billfish and sharks.
- This fishery is unlikely to have a significant impact on the sea bed.

# General Notes

• No additional notes.

*				
<b>Swordfish</b> Xiphias gladius	. Long line	Certified	Well managed	~
North Atlantic				
Fishery countries: Canada				

#### **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

Swordfish Xiphias gladius  Northeast Pacific Fishery countries: Costa Rica, Ecuador, Nicaragua  Not certified or in a FIP improvement  Needs improvement
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- There are risks to sea turtles with this fishery.
- Bycatch is a risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes.

Swordfish Xiphias gladius South Atlantic Fishery countries: Brazil	• Long line	Not certified or in a FIP	Managed	~
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#### **Environmental Notes**

- There are risks to sea birds, sea turtles and sharks with this fishery.
- Bycatch is a significant risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

# **General Notes**

#### Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### References

Seafood Watch, 2016, Atlantic Ocean Swordfish, Albacore, Bigeye and Yellowfin Tuna (Longline) Seafood Watch Report

Swordfish Xiphias gladius Southeast Pacific Fishery countries: Panama	. Hook and line	Not certified or in a FIP	Managed	~
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# **Environmental Notes**

- There is a risk to PET species with this fishery.
- Bycatch for this fishery includes tuna, billfish and sharks.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

Tanner crab Chionoecetes bairdi E Bering Sea Fishery countries: U.S.	• Pots and traps	Not certified or in a FIP	Well managed	~
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- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### Other ratings

Seafood Watch categorises tanner crab caught in the Bering Sea with pots as a "Best Choice, with a score for Criterion 1: Target Species of 5.00 and a score for Criterion 3: Management of 5.00.

#### Caveat

The stock status and management rating and environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### References

Seafood Watch, 2015, Alaska Snow and Tanner Crab Seafood Watch Report

Winter flounder  Pseudopleuronectes americanus  NW Atlantic Central  Fishery countries: U.S.	certified or in a Needs FIP improvement
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# **Environmental Notes**

• Profile not yet complete.

# General Notes

No additional notes

Winter skate Raja ocellata  NE Atlantic  Fishery countries: U.S.  Not certified or in a Needs improvement  Not certified or in a Needs improvement	Raja ocellata  NE Atlantic  Fishery countries:				~
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#### **Environmental Notes**

- There are risks to marine mammals with this fishery, but there are mitigation measures in place.
- There is bycatch for this fishery but non-target species are retained. Management measures are in place to reduce impacts on retained species
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

Yellowfin tuna Thunnus albacares  Atlantic Fishery countries: Brazil, Canada, Grenada, Panama, Trinidad and Tobago, U.S.	Not certified or in a FIP	Managed	~
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- There is a risk to PET species with this fishery. Longlines present a hazard to turtles, seabirds and sharks but these risks can be reduced through proper management of fishing gear. Purse seines can accidentally catch sharks and turtles.
- There is bycatch for this fishery but the scale of the issue is not established.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes.

Yellowfin tuna Thunnus albacares  Eastern Pacific Ocean  Fishery countries: Costa Rica, Ecuador	• Long line	Not certified or in a FIP	Managed	~
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#### **Environmental Notes**

- There is a risk to PET species with this fishery. Longlines present a hazard to turtles, seabirds and sharks but these risks can be reduced through proper management of fishing gear.
- There is bycatch for this fishery but the scale of the issue is not established.
- This fishery is unlikely to have a significant impact on the sea bed.

# General Notes

No additional notes.



#### **Environmental Notes**

- There is a risk to PET species with this fishery. Longlines present a hazard to turtles, seabirds and sharks, but these risks can be reduced through proper management of fishing gear. Purse seines can accidentally catch sharks and turtles.
- Both longlines and purse seines can generate bycatch for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

• No additional notes.

Yellowfin tuna Thunnus albacares  Long line  Western and Central Pacific Ocean  Fishery countries: Vietnam	certified or in a FIP Managed	~
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#### **Environmental Notes**

- There is a risk to PET species with this fishery. Longlines present a hazard to turtles, seabirds and sharks, but these risks can be reduced through proper management of fishing gear.
- There is bycatch for this fishery but the scale of the issue is not established.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes.

Yellowtail flounder Limanda ferruginea  Bottom trawl  Newfoundland Grand Banks  Fishery countries: Canada	Certified	Well managed	~
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#### **Environmental Notes**

- The interaction of this fishery with PET species is unknown.
- Bycatch is a risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

# General Notes

No additional notes.

Yellowtail flounder Limanda ferruginea Southern New England/Mid Atlantic Fishery countries: U.S.	• Bottom trawl	Not certified or in a FIP	Managed	~	
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# **Environmental Notes**

- Profile not yet complete.
- Profile not yet complete.
- Bottom trawls will directly impact on the sea bed.

# General Notes

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#### Yellowtail snapper

Ocyurus chrysurus

Northern Gulf of Mexico and Western Central Atlantic

Fishery countries: U.S.

Hook and line

Not certified or in a FIP

Well managed

**~** 

#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- There is bycatch for this fishery, but non-target species are retained.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

No additional notes



#### **Environmental Notes**

• Profile not yet complete.

#### General Notes

• No additional notes.

#### **Environmental Notes**

- Profile not yet complete.
- Other species are caught but volume and species is not recorded by this fishery.
- Long lines are not expected to impact on the sea bed.

#### **General Notes**



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