








Direct physical interactions

Prey		
SFH	KRL	SLP
		
?	●●	●●
?	●●●	●●
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●●●	?	?

Ice extreme event	
Pack Ice	smaller, less stable floes
	less pack ice
	earlier melt
	later formation
Fast Ice	reduced area or extent
	increased rugosity
	earlier breakup
	later formation
Platelet Ice	reduced volume
Iceberg	more iceberg calving
Ice Shelf	increased shelf loss

Higher-order predators					
EMP	ADP	SNP	WDS	CBS	AMW
					
●●●	●	?	?	●●	●●
●●	●	●●	?	●●	●●
●●	●	?	?	●●	●●
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●●●	●●●	?	●●●	●●●	●●
●●●	●●●	●	●	●●●	●●
●●●	●	?	●	●●●	●●
●●●	●	●	●●	●●●	●●
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●	?	?	●	?	?
●	?	?	●	?	●●●

Indirect physical interactions via changes to food web

		
●●●	●●	●
?	●	●
●●	●●●	●●●
●●●	●●●	●●●

Food Web Change	
	reduced krill
	reduced fish
	reduced algal cell size
	krill to salps

					
●●	●●●	●	●●	●●●	●●●
●●●	●●	●●	●●●	●●	●
?	?	?	?	?	?
●●	●●	●●	●●	●●●	●●●

Direction of impact



Degree of confidence

