

**Table 1. Fish species, antifreeze type, and catch location**

Antifreeze	Order	Suborder	Family	Species	Abbrev.*	Common name	Catch location			
None	Perciformes	Notothenoidei	Bovichtidae	<i>Bovichtus variegatus</i>	Bv	Thornfish	New Zealand			
AFGP	Perciformes	Notothenoidei	Nototheniidae	<i>Dissostichus mawsoni</i>	Dm	Antarctic toothfish	McMurdo Sound			
			Nototheniidae	<i>Pagothenia borchgrevinki</i>	Pb	Bald notothen	McMurdo Sound			
			Nototheniidae	<i>Trematomus hansonii</i>	Th	Striped notothen	McMurdo Sound			
			Nototheniidae	<i>Trematomus loennbergii</i>	Tl	Deep-water notothen	McMurdo Sound			
			Nototheniidae	<i>Trematomus bernacchii</i>	Tb	Emerald notothen	McMurdo Sound			
			Nototheniidae	<i>Trematomus nicolai</i>	Tn	Spotted notothen	McMurdo Sound			
			Artedidraconidae	<i>Pogonophryne cerebropogon</i>	Pc	Barbeled plunderfish	Ross Sea			
			Artedidraconidae	<i>Histiodraco velifer</i>	Hv	Barbeled plunderfish	McMurdo Sound			
			Bathydraconidae	<i>Gymnodraco acuticeps</i>	Hv	Naked dragonfish	McMurdo Sound			
			Bathydraconidae	<i>Parachaenichthys charcoti</i>	Ga	Dragon fish	Antarctic peninsula			
			Channichthyidae	<i>Chaenocephalus aceratus</i>	Ca	Blackfin icefish	Antarctic peninsula			
			Channichthyidae	<i>Chionodraco rastrospinosus</i>	Cr	Ocellated icefish	Antarctic peninsula			
			AFGP	Gadiformes	Gadoidei	Gadidae	<i>Arctogadus glacialis</i>	Ag	Ice cod	Western Greenland
						Gadidae	<i>Boreogadus saida</i>	Bs	Polar cod	Western Greenland
Gadidae	<i>Eleginus gracilis</i>	Eg				Saffron cod	Kotzebue, Alaska			
AFP-type I	Pleuronectiformes	Pleuronectoidei	Pleuronectidae	<i>Pleuronectes americanus</i>	Pa	Winter flounder	Massachusetts coast			
AFP-type II	Clupeiformes	Clupeoidei	Clupeidae	<i>Clupea harengus</i>	Ch	Herring	Barents Sea			
	Salmoniformes	Osmeroidei	Osmeridae	<i>Osmerus mordax</i>	Om	Rainbow smelt	New Brunswick			
AFP-type III	Perciformes	Zoarcoidei	Zoarcidae	<i>Pachycara brachycephalum</i>	Pbr	Antarctic eelpout	McMurdo Sound			
			Zoarcidae	<i>Lycodichthys dearborni</i>	Ld	Antarctic eelpout				
			Zoarcidae	<i>Macrozoarces americanus</i>	Ma	Atlantic Ocean pout				
			Anarhichadidae	<i>Anarhichas minor</i>	Am	Spotted wolffish	Northern Norway			
AFP-type IV	Scorpaeniformes	Cottoidei	Cottidae	<i>Myoxocephalus octodecemspinosus</i>	Mo	Longhorn sculpin	Massachusetts coast			

\*Species abbreviations used in figures and text.