
Attachment 1:

Aquatic Resource Permit Documentation

Note: Only the consolidated data from the Aquatic Resource Permits is included.

This sheet provides raw data collected over the term of the permits.

ADF&G Permit Number: CF-24-005 and CF-25-029

Date	Location	Latitude	Longitude	Collection Method	Species Common Name	Species Scientific Name	Life Stage	Size (mm)	Number	Disposition	Comments
09-Apr-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 1 - Deep Water Dock (Original: 59.6099, -151.4294)	59.6099	-151.4294	beach seine	sharpnose sculpin	<i>Clinocottus acuticeps</i>	adult	47	1	ID'd, measured, and released	Site will not be reset due to presence of boulders.
09-Apr-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Original: 59.6097, -151.4332)	59.6097	-151.4332	beach seine	capelin	<i>Mallotus villosus</i>	juvenile	130	1	ID'd, measured, and released	
09-Apr-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Original: 59.6097, -151.4332)	59.6097	-151.4332	beach seine	great sculpin	<i>Myoxocephalus polyacanthocephalus</i>	juvenile	90	1	ID'd, measured, and released	
09-Apr-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Original: 59.6097, -151.4332)	59.6097	-151.4332	beach seine	Pacific staghorn sculpin	<i>Leptocottus armatus</i>	adult	250	1	ID'd, measured, and released	
09-Apr-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 3 - Barge Basin (Original: 59.6203, -151.4541)	59.6203	-151.4541	beach seine	N/A	N/A	N/A	N/A	N/A	N/A	No catch. Site will be aborted due to depth, rapidly incoming tide, shallow gradient, and presence of boulders that hindered activity.
10-Apr-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)	59.6110	-151.4211	bottom trawl	unidentified arthropod	N/A	N.D.	N.D.	1	released	
10-Apr-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)	59.6152	-151.4276	bottom trawl	unidentified arthropod	N/A	N.D.	N.D.	4	released	
10-Apr-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)	59.6152	-151.4276	bottom trawl	unidentified shrimp	N/A	N.D.	N.D.	2	released	
10-Apr-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	59.6167	-151.4327	bottom trawl	unidentified crab	N/A	N.D.	10	1	measured and released	Size represents the carapace width.
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 1 - Deep Water Dock (Modified: 59.6090, -151.4229)	59.6090	-151.4229	beach seine	graceful decorator crab	<i>Oregonia gracilis</i>	N.D.	Various	6	ID'd, measured, and released	Some lost on beach. Sizes approximately between 10 - 20 mm carapace.
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 1 - Deep Water Dock (Modified: 59.6090, -151.4229)	59.6090	-151.4229	beach seine	kelp greenling	<i>Hexagrammos decagrammus</i>	juvenile	193	1	ID'd, measured, and released	
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 1 - Deep Water Dock (Modified: 59.6090, -151.4229)	59.6090	-151.4229	beach seine	rock greenling	<i>Hexagrammos lagocephalus</i>	YOY	55	1	ID'd, measured, and released	
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	crescent gunnel	<i>Pholis laeta</i>	juvenile	N.D.	1	ID'd and released	Cannot measure accurately when alive.
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	helmet crab	<i>Telmessus cheiragonus</i>	N.D.	65	1	ID'd, measured, and released	Size represents the carapace width.
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	rock sole	<i>Lepidopsetta bilineata</i>	juvenile	154	1	ID'd, measured, and released	
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	rock sole	<i>Lepidopsetta bilineata</i>	juvenile	102	1	ID'd, measured, and released	
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	whitespotted greenling	<i>Hexagrammos stelleri</i>	juvenile	200	1	ID'd, measured, and released	
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	whitespotted greenling	<i>Hexagrammos stelleri</i>	juvenile	169	1	ID'd, measured, and released	
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 3 - Barge Basin (Modified: 59.6173, -151.4379)	59.6173	-151.4379	beach seine	N/A	N/A	N/A	N/A	N/A	N/A	No catch. Site was aborted due to depth, rapidly incoming tide, shallow gradient, and presence of boulders that hindered activity.
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)	59.6110	-151.4211	bottom trawl	yellowfin sole	<i>Limanda aspera</i>	adult	320	2	ID'd, measured, and released	
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)	59.6152	-151.4276	bottom trawl	helmet crab	<i>Telmessus cheiragonus</i>	N.D.	50	1	ID'd, measured, and released	Size represents the carapace width.
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)	59.6152	-151.4276	bottom trawl	unidentified crab	N/A	N.D.	N.D.	5	released	Sizes approximately around 10 mm carapace.
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)	59.6152	-151.4276	bottom trawl	unidentified shrimp	N/A	N.D.	N.D.	3	released	
08-May-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	59.6167	-151.4327	bottom trawl	rock sole	<i>Lepidopsetta bilineata</i>	adult	365	1	ID'd, measured, and released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 1 - Deep Water Dock (Modified: 59.6090, -151.4229)	59.6090	-151.4229	beach seine	kelp greenling	<i>Hexagrammos decagrammus</i>	juvenile	155	1	ID'd, measured, and released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 1 - Deep Water Dock (Modified: 59.6090, -151.4229)	59.6090	-151.4229	beach seine	rock greenling	<i>Hexagrammos lagocephalus</i>	YOY	54	1	ID'd, measured, and released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	chinook salmon	<i>Oncorhynchus tshawytscha</i>	juvenile	155	1	ID'd, measured, and released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	crescent gunnel	<i>Pholis laeta</i>	juvenile	N.D.	1	ID'd and released	Cannot measure accurately when alive.
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	graceful decorator crab	<i>Oregonia gracilis</i>	N.D.	N.D.	1	released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	great sculpin	<i>Myoxocephalus polyacanthocephalus</i>	juvenile	110	1	ID'd, measured, and released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	helmet crab	<i>Telmessus cheiragonus</i>	N.D.	90	1	ID'd, measured, and released	Size represents the carapace width.
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	helmet crab	<i>Telmessus cheiragonus</i>	N.D.	60	1	ID'd, measured, and released	Size represents the carapace width.
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	helmet crab	<i>Telmessus cheiragonus</i>	N.D.	50	1	ID'd, measured, and released	Size represents the carapace width.
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	helmet crab	<i>Telmessus cheiragonus</i>	N.D.	30	2	ID'd, measured, and released	Size represents the carapace width.
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	kelp greenling	<i>Hexagrammos decagrammus</i>	juvenile	150	1	ID'd, measured, and released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	kelp greenling	<i>Hexagrammos decagrammus</i>	juvenile	145	2	ID'd, measured, and released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	kelp greenling	<i>Hexagrammos decagrammus</i>	juvenile	137	1	ID'd, measured, and released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	kelp greenling	<i>Hexagrammos decagrammus</i>	juvenile	60	1	ID'd, measured, and released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	rock greenling	<i>Hexagrammos lagocephalus</i>	YOY	67	1	ID'd, measured, and released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	rock greenling	<i>Hexagrammos lagocephalus</i>	YOY	65	1	ID'd, measured, and released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	rock greenling	<i>Hexagrammos lagocephalus</i>	YOY	62	1	ID'd, measured, and released	
06-Jun-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	59.6113	-151.4302	beach seine	rock greenling	<i>Hexagrammos lagocephalus</i>	YOY	61	1	ID'd, measured, and released	

20-Aug-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)	59.6167	-151.4327	bottom trawl	unidentified greenling	N/A	N.D.	91	1	measured and released
20-Aug-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)	59.6152	-151.4276	bottom trawl	unidentified snailfish	N/A	N.D.	50	1	measured and released
20-Aug-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	59.6167	-151.4327	bottom trawl	lyre crab	<i>Hyas coarctatus</i>	N.D.	N.D.	1	released
20-Aug-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	59.6167	-151.4327	bottom trawl	rock sole	<i>Lepidopsetta bilineata</i>	adult	342	1	ID'd, measured, and released
20-Aug-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	59.6167	-151.4327	bottom trawl	saffron cod	<i>Eleginus gracilis</i>	juvenile	72	1	ID'd, measured, and released
20-Aug-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	59.6167	-151.4327	bottom trawl	saffron cod	<i>Eleginus gracilis</i>	juvenile	69	1	ID'd, measured, and released
20-Aug-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	59.6167	-151.4327	bottom trawl	silverspotted sculpin	<i>Blepsias cirrhosus</i>	juvenile	65	1	ID'd, measured, and released
20-Aug-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	59.6167	-151.4327	bottom trawl	unidentified snailfish	N/A	N.D.	71	1	measured and released
20-Aug-24	US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	59.6167	-151.4327	bottom trawl	unidentified snailfish	N/A	N.D.	43	1	measured and released

This sheet provides the total numbers of individuals per species by location, collection method, and over the term of the permits.

Location				Collection Method	Species Common Name	Species Scientific Name	Number of Individuals by Location	Percentage of Total Individuals of Species at Location	Number of Total Individuals of Species by Collection Method	Percentage of Total Individuals of Species by Collection Method	Fieldwork Total Number of Individuals
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	Arctic shanny	<i>Stichaeus punctatus</i>	1	100%	1	100%	1
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	buffalo sculpin	<i>Enophrys bison</i>	2	100%	2	100%	2
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Original; 59.6097, -151.4332)		Beach Seine	capelin	<i>Mallotus villosus</i>	1	100%	1	100%	1
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	chinook salmon	<i>Oncorhynchus tshawytscha</i>	1	100%	1	100%	1
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	crested gunnel	<i>Pholis laeta</i>	9	53%	17	100%	17
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	crested gunnel	<i>Pholis laeta</i>	8	47%	17	100%	17
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	graceful decorator crab	<i>Oregonia gracilis</i>	9	32%	22	36%	28
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	graceful decorator crab	<i>Oregonia gracilis</i>	1	4%	10	36%	28
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	graceful decorator crab	<i>Oregonia gracilis</i>	3	11%	18	64%	28
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)		Bottom Trawl	graceful decorator crab	<i>Oregonia gracilis</i>	10	36%	18	64%	28
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)		Bottom Trawl	graceful decorator crab	<i>Oregonia gracilis</i>	5	18%	18	64%	28
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	great sculpin	<i>Myoxocephalus polyacanthocephalus</i>	12	55%	22	100%	22
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	great sculpin	<i>Myoxocephalus polyacanthocephalus</i>	9	41%	22	100%	22
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Original; 59.6097, -151.4332)		Beach Seine	great sculpin	<i>Myoxocephalus polyacanthocephalus</i>	1	5%	22	100%	22
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	helmet crab	<i>Telmessus cheiragonus</i>	5	29%	14	82%	17
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	helmet crab	<i>Telmessus cheiragonus</i>	9	53%	14	82%	17
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	helmet crab	<i>Telmessus cheiragonus</i>	1	6%	3	18%	17
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)		Bottom Trawl	helmet crab	<i>Telmessus cheiragonus</i>	1	6%	3	18%	17
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)		Bottom Trawl	helmet crab	<i>Telmessus cheiragonus</i>	1	6%	3	18%	17
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)		Bottom Trawl	hermit crab	<i>Paguroidea</i> sp.	2	100%	2	100%	2
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	kelp greenling	<i>Hexagrammos decagrammus</i>	10	37%	27	100%	27
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	kelp greenling	<i>Hexagrammos decagrammus</i>	17	63%	27	100%	27
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	lyre crab	<i>Hyas coarctatus</i>	1	33%	3	100%	3
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)		Bottom Trawl	lyre crab	<i>Hyas coarctatus</i>	1	33%	3	100%	3
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)		Bottom Trawl	lyre crab	<i>Hyas coarctatus</i>	1	33%	3	100%	3
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	masked greenling	<i>Hexagrammos octogrammus</i>	28	49%	57	100%	57
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	masked greenling	<i>Hexagrammos octogrammus</i>	29	51%	57	100%	57
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 3 - Barge Basin (Modified; 59.6173, -151.4379)		Beach Seine	N/A	N/A	N/A	N/A	N/A	N/A	N/A
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 3 - Barge Basin (Original; 59.6203, -151.4541)		Beach Seine	N/A	N/A	N/A	N/A	N/A	N/A	N/A
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	Pacific cod	<i>Gadus macrocephalus</i>	3	100%	3	100%	3
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	Pacific halibut	<i>Hippoglossus stenolepis</i>	1	20%	5	100%	5
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	Pacific halibut	<i>Hippoglossus stenolepis</i>	4	80%	5	100%	5
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	Pacific herring	<i>Clupea pallasii</i>	1	100%	1	100%	1
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	Pacific staghorn sculpin	<i>Leptocottus armatus</i>	1	50%	2	100%	2
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Original; 59.6097, -151.4332)		Beach Seine	Pacific staghorn sculpin	<i>Leptocottus armatus</i>	1	50%	2	100%	2
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	padded sculpin	<i>Arctidius fenestralis</i>	2	100%	2	100%	2
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	purple sea star	<i>Pisaster ochraceus</i>	3	60%	5	100%	5
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)		Bottom Trawl	purple sea star	<i>Pisaster ochraceus</i>	1	20%	5	100%	5
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)		Bottom Trawl	purple sea star	<i>Pisaster ochraceus</i>	1	20%	5	100%	5
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	ribbon snailfish	<i>Liparis cyclopus</i>	1	50%	2	100%	2
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	ribbon snailfish	<i>Liparis cyclopus</i>	1	50%	2	100%	2
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	rock greenling	<i>Hexagrammos lagocephalus</i>	8	44%	17	94%	18
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	rock greenling	<i>Hexagrammos lagocephalus</i>	9	50%	17	94%	18
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)		Bottom Trawl	rock greenling	<i>Hexagrammos lagocephalus</i>	1	6%	18	94%	18
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	rock sole	<i>Lepidopsetta bilineata</i>	2	8%	12	48%	25
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	rock sole	<i>Lepidopsetta bilineata</i>	10	40%	12	48%	25
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	rock sole	<i>Lepidopsetta bilineata</i>	4	16%	13	52%	25
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)		Bottom Trawl	rock sole	<i>Lepidopsetta bilineata</i>	6	24%	13	52%	25
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)		Bottom Trawl	rock sole	<i>Lepidopsetta bilineata</i>	3	12%	13	52%	25
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	saffron cod	<i>Eleginus gracilis</i>	2	18%	5	45%	11
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	saffron cod	<i>Eleginus gracilis</i>	3	27%	5	45%	11
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	saffron cod	<i>Eleginus gracilis</i>	1	6%	6	55%	11
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)		Bottom Trawl	saffron cod	<i>Eleginus gracilis</i>	2	18%	6	55%	11
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)		Bottom Trawl	saffron cod	<i>Eleginus gracilis</i>	3	27%	6	55%	11
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	sea pen	<i>Ptilosarcus gurneyi</i>	21	84%	25	100%	25
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)		Bottom Trawl	sea pen	<i>Ptilosarcus gurneyi</i>	4	16%	25	100%	25
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Original; 59.6099, -151.4294)		Beach Seine	sharpnose sculpin	<i>Clinocottus acuticeps</i>	1	100%	1	100%	1
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)		Beach Seine	silverspotted sculpin	<i>Blepsias cirrhosus</i>	8	44%	16	89%	18
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	silverspotted sculpin	<i>Blepsias cirrhosus</i>	8	44%	16	89%	18
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	silverspotted sculpin	<i>Blepsias cirrhosus</i>	1	6%	2	11%	18
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)		Bottom Trawl	silverspotted sculpin	<i>Blepsias cirrhosus</i>	1	6%	2	11%	18
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	snake prickleback	<i>Lumpenus sagitta</i>	33	87%	33	87%	38
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	snake prickleback	<i>Lumpenus sagitta</i>	4	11%	5	13%	38
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)		Bottom Trawl	snake prickleback	<i>Lumpenus sagitta</i>	1	3%	5	13%	38
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	starry flounder	<i>Platichthys stellatus</i>	1	100%	1	100%	1
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	sturgeon poacher	<i>Podothtes accipenserinus</i>	1	100%	1	100%	1
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	surf smelt	<i>Hypomesus pretiosus</i>	4	100%	4	100%	4
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	tanner crab	<i>Chionoecetes bairdi</i>	1	50%	2	100%	2
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)		Bottom Trawl	tanner crab	<i>Chionoecetes bairdi</i>	1	50%	2	100%	2
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	three-spine stickleback	<i>Gasterosteus aculeatus</i>	1	100%	1	100%	1
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)		Beach Seine	tubenose poacher	<i>Pallasina barbata</i>	1	100%	1	100%	1
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	unidentified aneome	N/A	1	100%	1	100%	1
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)		Bottom Trawl	unidentified arthropod	N/A	1	17%	6	100%	6
US: Alaska, Kachemak Bay,	Eastern Shore of the Homer Spit,	Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)		Bottom Trawl	unidentified arthropod	N/A	5	83%	6	100%	6

US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)	Bottom Trawl	unidentified crab	N/A	11	92%	12	100%	12
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	Bottom Trawl	unidentified crab	N/A	1	8%	12	100%	12
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	Beach Seine	unidentified flatfish	N/A	12	75%	12	75%	16
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)	Bottom Trawl	unidentified flatfish	N/A	1	6%	4	25%	16
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)	Bottom Trawl	unidentified flatfish	N/A	1	6%	4	25%	16
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	Bottom Trawl	unidentified flatfish	N/A	2	13%	4	25%	16
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)	Bottom Trawl	unidentified greenling	N/A	1	100%	1	100%	1
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 1 - Deep Water Dock (Modified: 59.6090, -151.4229)	Beach Seine	unidentified sculpin	N/A	1	6%	14	88%	16
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	Beach Seine	unidentified sculpin	N/A	13	81%	14	88%	16
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)	Bottom Trawl	unidentified sculpin	N/A	2	13%	2	13%	16
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)	Bottom Trawl	unidentified sea star	N/A	3	100%	3	100%	3
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 1 - Deep Water Dock (Modified: 59.6090, -151.4229)	Beach Seine	unidentified shrimp	N/A	31	25%	34	28%	122
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	Beach Seine	unidentified shrimp	N/A	3	2%	34	28%	122
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)	Bottom Trawl	unidentified shrimp	N/A	54	44%	88	72%	122
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	Bottom Trawl	unidentified shrimp	N/A	34	28%	88	72%	122
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 1 - Deep Water Dock (Modified: 59.6090, -151.4229)	Beach Seine	unidentified snailfish	N/A	1	17%	3	50%	6
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	Beach Seine	unidentified snailfish	N/A	2	33%	3	50%	6
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)	Bottom Trawl	unidentified snailfish	N/A	1	17%	3	50%	6
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)	Bottom Trawl	unidentified snailfish	N/A	2	33%	3	50%	6
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 1 - Deep Water Dock (Modified: 59.6090, -151.4229)	Beach Seine	whitespotted greenling	<i>Hexagrammos stelleri</i>	1	25%	4	100%	4
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified: 59.6113, -151.4302)	Beach Seine	whitespotted greenling	<i>Hexagrammos stelleri</i>	3	75%	4	100%	4
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)	Bottom Trawl	yellowfin sole	<i>Limanda aspera</i>	2	100%	2	100%	2

This sheet provides comparison of number of individuals by species collected over the term of the permits through each the used collection methods.

Species Common Name	Species Scientific Name	Collection Method	Number of Total Individuals of Species by Collection Method	Percentage of Total Individuals of Species by Collection Method	Fieldwork Total Number of Individuals
Arctic shanny	<i>Stichaeus punctatus</i>	Beach Seine	1	100%	1
buffalo sculpin	<i>Enophrys bison</i>	Beach Seine	2	100%	2
capelin	<i>Mallotus villosus</i>	Beach Seine	1	100%	1
chinook salmon	<i>Oncorhynchus tshawytscha</i>	Beach Seine	1	100%	1
crescent gunnel	<i>Pholis laeta</i>	Beach Seine	17	100%	17
graceful decorator crab	<i>Oregonia gracilis</i>	Beach Seine	10	36%	28
graceful decorator crab	<i>Oregonia gracilis</i>	Bottom Trawl	18	64%	28
great sculpin	<i>Myoxocephalus polyacanthocephalus</i>	Beach Seine	22	100%	22
helmet crab	<i>Telmessus cheiragonus</i>	Beach Seine	14	82%	17
helmet crab	<i>Telmessus cheiragonus</i>	Bottom Trawl	3	18%	17
hermit crab	<i>Paguroidea</i> sp.	Bottom Trawl	2	100%	2
kelp greenling	<i>Hexagrammos decagrammus</i>	Beach Seine	27	100%	27
lyre crab	<i>Hyas coarctatus</i>	Bottom Trawl	3	100%	3
masked greenling	<i>Hexagrammos octogrammus</i>	Beach Seine	57	100%	57
Pacific cod	<i>Gadus macrocephalus</i>	Bottom Trawl	3	100%	3
Pacific halibut	<i>Hippoglossus stenolepis</i>	Beach Seine	5	100%	5
Pacific herring	<i>Clupea pallasii</i>	Bottom Trawl	1	100%	1
Pacific staghorn sculpin	<i>Leptocottus armatus</i>	Beach Seine	2	100%	2
padded sculpin	<i>Artedius fenestralis</i>	Beach Seine	2	100%	2
purple sea star	<i>Pisaster ochraceus</i>	Bottom Trawl	5	100%	5
ribbon snailfish	<i>Liparis cyclopus</i>	Beach Seine	2	100%	2
rock greenling	<i>Hexagrammos lagocephalus</i>	Beach Seine	17	94%	18
rock greenling	<i>Hexagrammos lagocephalus</i>	Bottom Trawl	1	6%	18
rock sole	<i>Lepidopsetta bilineata</i>	Beach Seine	12	48%	25
rock sole	<i>Lepidopsetta bilineata</i>	Bottom Trawl	13	52%	25
saffron cod	<i>Eleginus gracilis</i>	Beach Seine	5	45%	11
saffron cod	<i>Eleginus gracilis</i>	Bottom Trawl	6	55%	11
sea pen	<i>Ptilosarcus gurneyi</i>	Bottom Trawl	25	100%	25
sharpnose sculpin	<i>Clinocottus acuticeps</i>	Beach Seine	1	100%	1
silverspotted sculpin	<i>Blepsias cirrhosus</i>	Beach Seine	16	89%	18
silverspotted sculpin	<i>Blepsias cirrhosus</i>	Bottom Trawl	2	11%	18
snake prickleback	<i>Lumpenus sagitta</i>	Beach Seine	33	87%	38
snake prickleback	<i>Lumpenus sagitta</i>	Bottom Trawl	5	13%	38
starry flounder	<i>Platichthys stellatus</i>	Bottom Trawl	1	100%	1
sturgeon poacher	<i>Podothecus accipenserinus</i>	Beach Seine	1	100%	1
surf smelt	<i>Hypomesus pretiosus</i>	Beach Seine	4	100%	4
tanner crab	<i>Chionoecetes bairdi</i>	Bottom Trawl	2	100%	2
three-spine stickleback	<i>Gasterosteus aculeatus</i>	Beach Seine	1	100%	1
tubenose poacher	<i>Pallasina barbata</i>	Beach Seine	1	100%	1
unidentified aneome	N/A	Bottom Trawl	1	100%	1
unidentified arthropod	N/A	Bottom Trawl	6	100%	6
unidentified crab	N/A	Bottom Trawl	12	100%	12
unidentified flatfish	N/A	Beach Seine	12	75%	16
unidentified flatfish	N/A	Bottom Trawl	4	25%	16
unidentified greenling	N/A	Bottom Trawl	1	100%	1
unidentified sculpin	N/A	Beach Seine	14	88%	16
unidentified sculpin	N/A	Bottom Trawl	2	13%	16
unidentified sea star	N/A	Bottom Trawl	3	100%	3
unidentified shrimp	N/A	Beach Seine	34	28%	122
unidentified shrimp	N/A	Bottom Trawl	88	72%	122
unidentified snailfish	N/A	Beach Seine	3	50%	6
unidentified snailfish	N/A	Bottom Trawl	3	50%	6
whitespotted greenling	<i>Hexagrammos stelleri</i>	Beach Seine	4	100%	4
yellowfin sole	<i>Limanda aspera</i>	Bottom Trawl	2	100%	2

This sheet provides the number of individuals by species collected over the term of the permits.

Species Common Name	Species Scientific Name	Fieldwork Total Number of Individuals
Arctic shanny	<i>Stichaeus punctatus</i>	1
buffalo sculpin	<i>Enophrys bison</i>	2
capelin	<i>Mallotus villosus</i>	1
chinook salmon	<i>Oncorhynchus tshawytscha</i>	1
crescent gunnel	<i>Pholis laeta</i>	17
graceful decorator crab	<i>Oregonia gracilis</i>	28
great sculpin	<i>Myoxocephalus polyacanthocephalus</i>	22
helmet crab	<i>Telmessus cheiragonus</i>	17
hermit crab	<i>Paguroidea</i> sp.	2
kelp greenling	<i>Hexagrammos decagrammus</i>	27
lyre crab	<i>Hyas coarctatus</i>	3
masked greenling	<i>Hexagrammos octogrammus</i>	57
Pacific cod	<i>Gadus macrocephalus</i>	3
Pacific halibut	<i>Hippoglossus stenolepis</i>	5
Pacific herring	<i>Clupea pallasii</i>	1
Pacific staghorn sculpin	<i>Leptocottus armatus</i>	2
padded sculpin	<i>Arteidius fenestralis</i>	2
purple sea star	<i>Pisaster ochraceus</i>	5
ribbon snailfish	<i>Liparis cyclopus</i>	2
rock greenling	<i>Hexagrammos lagocephalus</i>	18
rock sole	<i>Lepidopsetta bilineata</i>	25
saffron cod	<i>Eleginus gracilis</i>	11
sea pen	<i>Ptilosarcus gurneyi</i>	25
sharpnose sculpin	<i>Clinocottus acuticeps</i>	1
silverspotted sculpin	<i>Blepsias cirrhosus</i>	18
snake prickleback	<i>Lumpenus sagitta</i>	38
starry flounder	<i>Platichthys stellatus</i>	1
sturgeon poacher	<i>Podothecus accipenserinus</i>	1
surf smelt	<i>Hypomesus pretiosus</i>	4
tanner crab	<i>Chionoecetes bairdi</i>	2
three-spine stickleback	<i>Gasterosteus aculeatus</i>	1
tubenose poacher	<i>Pallasina barbata</i>	1
unidentified anneome	N/A	1
unidentified arthropod	N/A	6
unidentified crab	N/A	12
unidentified flatfish	N/A	16
unidentified greenling	N/A	1
unidentified sculpin	N/A	16
unidentified sea star	N/A	3
unidentified shrimp	N/A	122
unidentified snailfish	N/A	6
whitespotted greenling	<i>Hexagrammos stelleri</i>	4
yellowfin sole	<i>Limanda aspera</i>	2
Total Number of Individuals Observed		533
Total Number of Species Observed	(excludes unidentified species)	34

Location

US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 1 (Start at 59.6121, -151.4221 to Stop at 59.6098, -151.4200)
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 2 (Start at 59.6165, -151.4281 to Stop at 59.6140, -151.4271)
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Bottom Trawl Transect 3 (Start at 59.6179, -151.4334 to Stop at 59.6156, -151.4320)
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 1 - Deep Water Dock (Original; 59.6099, -151.4294)
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 1 - Deep Water Dock (Modified; 59.6090, -151.4229)
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Original; 59.6097, -151.4332)
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 2 - Fishing Lagoon (Modified; 59.6113, -151.4302)
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 3 - Barge Basin (Original; 59.6203, -151.4541)
US: Alaska, Kachemak Bay, Eastern Shore of the Homer Spit, Beach Seine Site 3 - Barge Basin (Modified; 59.6173, -151.4379)