

**SOUTH DAKOTA BLACK HILLS COLD STREAM SURVEY**  
**Whitewood Creek, Lawrence County**  
**09-0056-00**  
**2015**

Table 1. Population and Biomass Estimates for Whitewood Creek

**Site Number:** 43  
**Site Midpoint (Latitude, Longitude):** 44.62164896, -103.47136669  
**Survey Completed by:**  
**Stream Classification:** None

**Date Sampled:** 09/09/2015  
**Site Length (m):** 100  
**Mean Width (m):** 7.2  
**Number of Pass:** 1  
**Conductivity (umhos/cm):**  
**pH:**  
**Water Temperature (C):**  
**Voltage:**

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Shorthead Redhorse	All	1	1	1	1	14	2	10	6	1.36	16	220.0	110.0
White Sucker	All	1	1	1	1	14	0	10	6	0.42	16	145.0	34.0

**Site Number:** 131  
**Site Midpoint (Latitude, Longitude):** 44.58943150, -103.52027768  
**Survey Completed by:** South Dakota Game, Fish and Parks  
**Stream Classification:** None

**Date Sampled:** 07/28/2015  
**Site Length (m):**  
**Mean Width (m):** 0.0  
**Number of Pass:** 1  
**Conductivity (umhos/cm):**  
**pH:**  
**Water Temperature (C):**  
**Voltage:**

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Mountain Sucker	All	1	1	1	1	0	0	0	0	0.00	0	102.0	12.0

**Site Number:** 131  
**Site Midpoint (Latitude, Longitude):** 44.58943150, -103.52027768  
**Survey Completed by:** South Dakota Game, Fish and Parks  
**Stream Classification:** None

**Date Sampled:** 09/09/2015  
**Site Length (m):** 100  
**Mean Width (m):** 9.9  
**Number of Pass:** 1  
**Conductivity (umhos/cm):**  
**pH:**  
**Water Temperature (C):**  
**Voltage:**

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Mountain Sucker	All	1	1	1	1	10	0	10	4	0.23	16	140.0	25.0
Tadpole Madtom	All	2	2	2	2	20	1	20	8	0.45	32	102.5	25.0
White Sucker	All	5	5	5	5	51	24	50	21	21.52	80	336.2	475.4

Site Number: 295

Site Midpoint (Latitude, Longitude): 44.51740810, -103.60458517

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR2

Date Sampled: 09/22/2015

Site Length (m): 100

Mean Width (m): 9.4

Number of Pass: 3

Conductivity (umhos/cm): 1101

pH: 7.1

Water Temperature (C): 10.6

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	89	92	97	89	983	24	920	398	21.52	1480	120.8	24.5
Brown Trout	>=200mm	6	6	6	6	64	11	60	26	10.10	97	256.2	176.5
Brown Trout	All	95	98	103	95	1047	37	980	424	32.83	1577	129.3	35.1
Mountain Sucker	All	37	140	607	37	1495	49	1400	606	43.80	2253	126.0	32.8
White Sucker	All	3	3	4	3	32	1	30	13	0.91	48	135.7	31.7

Site Number: 367

Site Midpoint (Latitude, Longitude): 44.47244974, -103.62471159

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR2

Date Sampled: 09/21/2015

Site Length (m): 100

Mean Width (m): 7.6

Number of Pass: 3

Conductivity (umhos/cm):

pH:

Water Temperature (C):

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	6	6	8	6	79	2	60	32	1.51	97	121.2	21.5

Brown Trout	>=200mm	5	5	5	5	65	28	50	27	25.43	80	340.2	435.0
Brown Trout	All	11	11	12	11	144	30	110	58	26.94	177	220.7	209.5
Mountain Sucker	All	200	254	295	213	3326	73	2540	1347	65.48	4087	94.3	22.0
White Sucker	All	1	1	2	1	13	0	10	5	0.23	16	171.0	20.0

Site Number: 409

Site Midpoint (Latitude, Longitude): 44.44223417, -103.62944341

Survey Completed by:

Stream Classification: BR3

Date Sampled: 08/10/2015

Site Length (m): 100

Mean Width (m): 7.2

Number of Pass: 3

Conductivity (umhos/cm):

pH:

Water Temperature (C):

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	>=200mm	4	4	4	4	56	15	40	23	13.58	64	289.0	273.5
Brown Trout	All	8	8	8	8	111	30	80	45	27.17	129	184.1	273.5
Creek Chub	All	14	14	16	14	195	6	140	79	5.37	225	123.6	30.9
Green Sunfish	All	1	1	5	1	14	1	10	6	0.62	16	130.0	50.0
Longnose Dace	All	1065	1256	1318	1194	17466	387	12560	7074	345.70	20209	72.7	22.2
Mountain Sucker	All	870	978	1018	938	13601	463	9780	5508	413.37	15736	120.3	34.0
White Sucker	All	39	39	40	39	542	35	390	220	31.08	628	142.8	64.2

Site Number: 588

Site Midpoint (Latitude, Longitude): 44.36654564, -103.73424434

Survey Completed by: GEI

Stream Classification: BK3, BR3

Date Sampled: 08/25/2015

Site Length (m): 100

Mean Width (m): 0.0

Number of Pass: 3

Conductivity (umhos/cm):

pH:

Water Temperature (C):

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brook Trout	>=200mm	1	1	1	1	0	0	10	0	0.00	16	206.0	83.0
Brook Trout	All	1	1	1	1	0	0	10	0	0.00	16	206.0	83.0
Brown Trout	<200mm	19	28	53	19	0	0	280	0	0.00	451	140.9	41.0
Brown Trout	>=200mm	56	58	62	56	0	0	580	0	0.00	933	282.1	248.6
Brown Trout	All	75	81	90	75	0	0	810	0	0.00	1303	246.3	196.0
Mountain Sucker	All	6	6	7	6	0	0	60	0	0.00	97	173.5	66.5

Site Number: 599

Site Midpoint (Latitude, Longitude): 44.36363265, -103.73830179

Survey Completed by: GEI

Stream Classification: BK0, BR3

Date Sampled: 08/26/2015

Site Length (m):

Mean Width (m): 0.0

Number of Pass: 3

Conductivity (umhos/cm):

pH:

Water Temperature (C):

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brook Trout	<200mm	1	1	1	1	0	0	0	0	0.00	0	120.0	16.0
Brook Trout	All	1	1	1	1	0	0	0	0	0.00	0	120.0	16.0
Brown Trout	<200mm	119	122	127	119	0	0	0	0	0.00	0	107.5	48.0
Brown Trout	>=200mm	57	59	63	57	0	0	0	0	0.00	0	268.7	218.3
Brown Trout	All	176	182	189	176	0	0	0	0	0.00	0	159.7	151.3
Mountain Sucker	All	3	3	4	3	0	0	0	0	0.00	0	196.7	97.0

Site Number: 599

Site Midpoint (Latitude, Longitude): 44.36363265, -103.73830179

Survey Completed by: GEI

Stream Classification: BK0, BR3

Date Sampled: 08/26/2015

Site Length (m): 100

Mean Width (m): 0.0

Number of Pass: 3

Conductivity (umhos/cm):

pH:

Water Temperature (C):

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brook Trout	<200mm	1	1	1	1	0	0	10	0	0.00	16	120.0	16.0
Brook Trout	All	1	1	1	1	0	0	10	0	0.00	16	120.0	16.0
Brown Trout	<200mm	120	123	128	120	0	0	1230	0	0.00	1979	108.1	19.9
Brown Trout	>=200mm	57	59	63	57	0	0	590	0	0.00	949	268.7	218.1
Brown Trout	All	177	183	190	177	0	0	1830	0	0.00	2944	159.8	83.7
Mountain Sucker	All	3	3	4	3	0	0	30	0	0.00	48	196.7	97.0

Site Number: 612

Site Midpoint (Latitude, Longitude): 44.35478049, -103.73811696

Survey Completed by: GEI

Stream Classification: BK0, BR3

Date Sampled: 08/25/2015

Site Length (m): 100

Mean Width (m): 0.0

Number of Pass: 3

Conductivity (umhos/cm):

pH:

Water Temperature (C):

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brook Trout	<200mm	4	4	4	4	0	0	40	0	0.00	64	112.3	17.8
Brook Trout	All	4	4	4	4	0	0	40	0	0.00	64	112.3	17.8
Brown Trout	<200mm	88	96	106	88	0	0	960	0	0.00	1545	130.0	34.3
Brown Trout	>=200mm	36	37	40	36	0	0	370	0	0.00	595	262.1	203.5
Brown Trout	All	124	133	143	124	0	0	1330	0	0.00	2140	168.3	83.4
Longnose Dace	All	2	2	3	2	0	0	20	0	0.00	32	85.0	4.5

Site Number: 612

Site Midpoint (Latitude, Longitude): 44.35478049, -103.73811696

Survey Completed by: GEI

Date Sampled: 09/17/2015

Site Length (m): 100

Mean Width (m): 5.2

Conductivity (umhos/cm):

pH:

464

7.4

Stream Classification: BR1

Number of Pass: 3

Water Temperature (C): 8.2

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brown Trout	<200mm	71	84	101	71	1624	65	840	658	58.26	1352	123.1	40.2
Brown Trout	>=200mm	28	28	28	28	541	82	280	219	72.88	451	236.1	150.8
Brown Trout	All	99	106	115	99	2049	170	1060	830	152.22	1706	155.1	83.2

Site Number: 690

Date Sampled: 06/08/2015

Conductivity (umhos/cm): 359

Site Midpoint (Latitude, Longitude): 44.31971358, -103.76779760

Site Length (m): 100

pH: 7.4

Survey Completed by: South Dakota Game, Fish and Parks

Mean Width (m): 4.6

Water Temperature (C): 12.4

Stream Classification: BK2, BR1

Number of Pass: 3

Voltage:

Species	Size Class	Total Number Captured	Est. # in site	Upper 95% CI	Lower 95% CI	# per Hectacre	Kg per Hectacre	# per Km	# per Acre	lb. per Acre	# per Mile	Mean Length (mm)	Mean Weight (grams)
Brook Trout	<200mm	75	79	86	75	1701	53	790	689	46.99	1271	140.4	30.9
Brook Trout	>=200mm	5	5	5	5	108	12	50	44	10.46	80	218.0	108.8
Brook Trout	All	80	84	90	80	1808	65	840	732	58.02	1352	145.3	35.9
Brown Trout	<200mm	35	37	42	35	796	17	370	323	15.60	595	122.2	21.9
Brown Trout	>=200mm	23	25	30	23	538	86	250	218	76.80	402	250.7	159.8
Brown Trout	All	58	63	71	58	1356	109	630	549	97.68	1014	173.2	80.7
Longnose Dace	All	1	1	1	1	22	1	10	9	0.48	16	118.0	25.0

Stream sites are classified based on the estimates of adult trout over eight inches that exist within the site. Estimates are derived from 3-pass backpack electrofishing surveys at 100-meter sites within streams. While all fish in the site are collected and measured, only trout species are used for classifications. Sites are numbered in accordance for the distance (m) from the stream confluence of a higher order stream/river.

Based on number of trout in excess of eight inches	
<b>Class BR1</b>	Number of wild Brown Trout exceeds 150 per acre
<b>Class BR2</b>	Number of wild Brook Trout ranges from 25 to 150 per acre
<b>Class BR3</b>	Number of wild Brown Trout is less than 25 per acre
<b>Class BK1</b>	Number of wild Brook Trout exceeds 150 per acre
<b>Class BK2</b>	Number of wild Brook Trout ranges from 25 to 150 per acre
<b>Class BK3</b>	Number of wild Brook Trout is less than 25 per acre
<b>Class RB1</b>	Number of wild Rainbow Trout exceeds 25 per acre
<b>Class RB2</b>	Number of wild Rainbow Trout is less than 25 per acre

Table 2. Species composition and population estimates on Whitewood Creek, 2005-2015

**Site 43**

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Oct 21, 2009	5	5-5	
	Nov 02, 2011	18	18-18	
	Oct 23, 2012	19	19-20	
Brown Trout >=200mm	Oct 12, 2006	3	3-4	BR2
	Oct 21, 2009	8	8-8	BR3
	Nov 02, 2011	5	5-5	BR3
	Oct 23, 2012	19	19-20	BR3

Creek Chub	Oct 21, 2009	213	209-218
	Nov 02, 2011	457	454-461
	Oct 23, 2012	112	111-115
Green Sunfish	Oct 23, 2012	2	2-2
Longnose Dace	Oct 12, 2006	102	90-116
	Oct 21, 2009	450	419-481
	Nov 02, 2011	383	364-402
	Oct 23, 2012	351	342-360
Mountain Sucker	Oct 12, 2006	1	1-2
	Oct 21, 2009	42	42-44
	Nov 02, 2011	102	101-105
	Oct 23, 2012	18	18-18
Shorthead Redhorse	Sep 09, 2015	1	1-1
White Sucker	Oct 12, 2006	18	18-18
	Oct 21, 2009	58	58-59
	Nov 02, 2011	97	97-97



White Sucker	Oct 23, 2012	120	119-123
	Sep 09, 2015	1	1-1

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**Site 131**


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<b>Species/Size</b>	<b>Date</b>	<b>Pop Est.</b>	<b>(95% C.I.)</b>	<b>Stream Classification</b>
Brown Trout <200mm	Oct 20, 2009	1	1-1	
Brown Trout >=200mm	Oct 11, 2006	1	1-1	BR3
Creek Chub	Oct 20, 2009	50	46-57	
	Nov 01, 2011	48	48-50	
	Oct 23, 2012	493	485-501	
Green Sunfish	Oct 11, 2006	2	2-2	
	Oct 20, 2009	4	4-6	
	Nov 01, 2011	22	21-26	
Longnose Dace	Oct 11, 2006	7	7-9	
	Oct 20, 2009	446	385-507	
	Nov 01, 2011	222	208-236	
	Oct 23, 2012	46	46-46	

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Mountain Sucker	Oct 20, 2009	37	27-59
	Nov 01, 2011	24	24-26
	Oct 23, 2012	8	8-9
	Jul 28, 2015	1	1-1
	Sep 09, 2015	1	1-1
Shorthead Redhorse	Oct 20, 2009	1	1-2
Tadpole Madtom	Sep 09, 2015	2	2-2
White Sucker	Oct 11, 2006	81	80-84
	Oct 20, 2009	58	34-112
	Nov 01, 2011	46	45-49
	Oct 23, 2012	60	58-64
	Sep 09, 2015	5	5-5

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**Site 295**

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<b>Species/Size</b>	<b>Date</b>	<b>Pop Est.</b>	<b>(95% C.I.)</b>	<b>Stream Classification</b>
Brown Trout <200mm	Oct 21, 2009	14	14-16	
	Nov 02, 2011	78	76-82	

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Brown Trout <200mm	Oct 24, 2012	8	8-10	
	Sep 22, 2015	92	89-97	
Brown Trout >=200mm	Jun 23, 2009	1	1-1	BR3
	Oct 21, 2009	10	10-11	BR3
	Sep 22, 2015	6	6-6	BR2
Creek Chub	Oct 21, 2009	35	35-36	
	Nov 02, 2011	8	8-9	
Longnose Dace	Oct 12, 2006	290	273-307	
	Oct 21, 2009	4809	4172-5446	
	Nov 02, 2011	489	257-721	
	Oct 24, 2012	415	394-436	
Mountain Sucker	Jun 23, 2009	24	24-24	
	Oct 21, 2009	154	141-167	
	Nov 02, 2011	29	23-43	
	Oct 24, 2012	10	10-11	
	Sep 22, 2015	140	37-607	

Shorthead Redhorse	Oct 12, 2006	24	20-34
White Sucker	Oct 12, 2006	7	7-8
	Oct 12, 2006	73	73-75
	Oct 21, 2009	6	6-7
	Nov 02, 2011	5	5-6
	Oct 24, 2012	24	23-28
	Sep 22, 2015	3	3-4

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**Site 367**

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<b>Species/Size</b>	<b>Date</b>	<b>Pop Est.</b>	<b>(95% C.I.)</b>	<b>Stream Classification</b>
Brown Trout <200mm	Sep 21, 2015	6	6-8	
Brown Trout >=200mm	Sep 21, 2015	5	5-5	BR2
Longnose Dace	Jun 23, 2009	1	1-1	
Mountain Sucker	Jun 23, 2009	51	51-51	
	Sep 21, 2015	254	213-295	
White Sucker	Sep 21, 2015	1	1-2	

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**Site 409**

<b>Species/Size</b>	<b>Date</b>	<b>Pop Est.</b>	<b>(95% C.I.)</b>	<b>Stream Classification</b>
Brown Trout >=200mm	Jul 17, 2008	1	1-1	BR3
	Aug 10, 2015	4	4-4	BR3
Creek Chub	Aug 10, 2015	14	14-16	
Green Sunfish	Aug 10, 2015	1	1-5	
Longnose Dace	Aug 10, 2015	1256	1194-1318	
Mountain Sucker	Jul 17, 2008	308	308-308	
	Aug 10, 2015	978	938-1018	
White Sucker	Aug 10, 2015	39	39-40	

**Site 588**

<b>Species/Size</b>	<b>Date</b>	<b>Pop Est.</b>	<b>(95% C.I.)</b>	<b>Stream Classification</b>
Brook Trout >=200mm	Sep 01, 2011	1	1-1	BK3
	Aug 25, 2015	1	1-1	BK3
Brown Trout <200mm	Jul 15, 2008	7	7-7	
	Sep 01, 2011	64	59-72	
	Aug 27, 2013	31	31-32	

Brown Trout <200mm	Jul 28, 2014	16	16-17	
	Aug 25, 2015	28	19-53	
Brown Trout >=200mm	Jul 15, 2008	33	33-33	BR1
	Sep 01, 2011	22	15-44	BR3
	Aug 27, 2013	44	42-49	BR1
	Jul 28, 2014	43	43-44	BR1
	Aug 25, 2015	58	56-62	BR3
Longnose Dace	Sep 01, 2011	3	3-5	
	Aug 27, 2013	1	1-2	
Mountain Sucker	Aug 27, 2013	2	2-4	
	Jul 28, 2014	2	2-4	
	Aug 25, 2015	6	6-7	

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**Site 599**

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<b>Species/Size</b>	<b>Date</b>	<b>Pop Est.</b>	<b>(95% C.I.)</b>	<b>Stream Classification</b>
Brook Trout <200mm	Aug 31, 2011	1	1-5	
	Aug 26, 2015	1	1-1	

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Brook Trout <200mm	Aug 26, 2015	1	1-1	
Brook Trout >=200mm	Aug 31, 2011	1	1-5	BK3
Brown Trout <200mm	Aug 31, 2011	124	118-132	
	Aug 27, 2013	75	69-84	
	Aug 26, 2015	123	120-128	
	Aug 26, 2015	122	119-127	
Brown Trout >=200mm	Aug 31, 2011	27	27-28	BR1
	Aug 27, 2013	46	46-48	BR1
	Aug 26, 2015	59	57-63	BR3
	Aug 26, 2015	59	57-63	BR3
Longnose Dace	Aug 27, 2013	3	3-4	
Mountain Sucker	Aug 31, 2011	2	2-2	
	Aug 26, 2015	3	3-4	
	Aug 26, 2015	3	3-4	

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brook Trout <200mm	Aug 30, 2011	31	28-38	
	Aug 28, 2013	18	18-19	
	Aug 25, 2015	4	4-4	
Brook Trout >=200mm	Aug 30, 2011	4	4-5	BK2
	Aug 28, 2013	1	1-1	BK3
Brown Trout <200mm	Aug 14, 2009	30	30-30	
	Aug 30, 2011	122	114-131	
	Aug 28, 2013	46	43-52	
	Aug 25, 2015	96	88-106	
	Sep 17, 2015	84	71-101	
Brown Trout >=200mm	Aug 14, 2009	22	22-22	BR1
	Aug 30, 2011	22	22-23	BR1
	Aug 28, 2013	23	22-27	BR1
	Aug 25, 2015	37	36-40	BR3
	Sep 17, 2015	28	28-28	BR1



Longnose Dace

Aug 25, 2015

2

2-3

**Site 690**

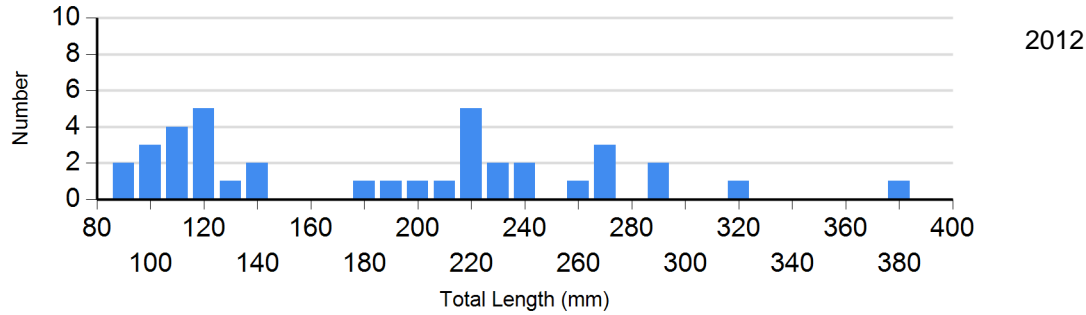
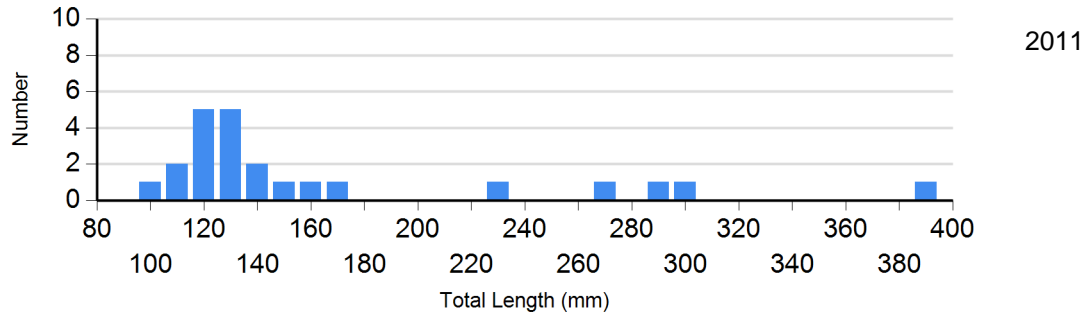
<b>Species/Size</b>	<b>Date</b>	<b>Pop Est.</b>	<b>(95% C.I.)</b>	<b>Stream Classification</b>
Brook Trout <200mm	Aug 12, 2008	48	48-48	
	Jun 08, 2015	79	75-86	
Brook Trout >=200mm	Aug 12, 2008	5	5-5	BK2
	Jun 08, 2015	5	5-5	BK2
Brown Trout <200mm	Aug 12, 2008	5	5-5	
	Jun 08, 2015	37	35-42	
Brown Trout >=200mm	Jun 08, 2015	25	23-30	BR1
Longnose Dace	Jun 08, 2015	1	1-1	

## Length Frequency Distribution

Length frequency histogram of species sampled by year.

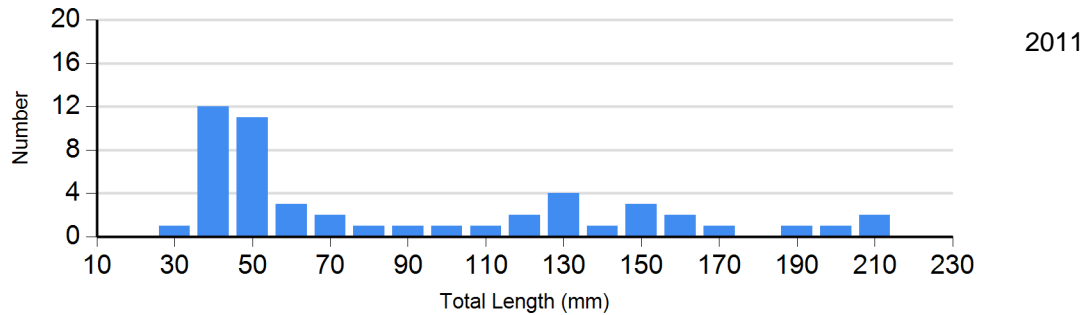
**Site:** 43

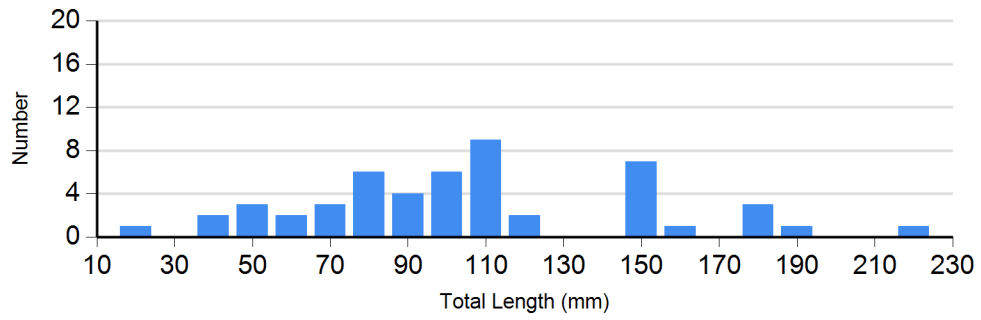
**Species:** Brown Trout



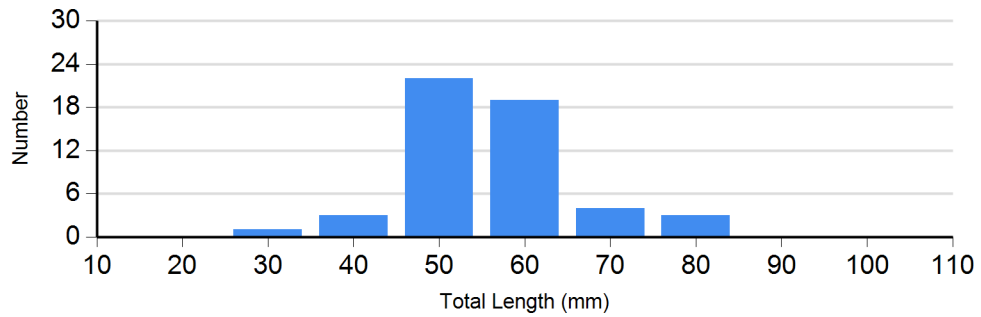
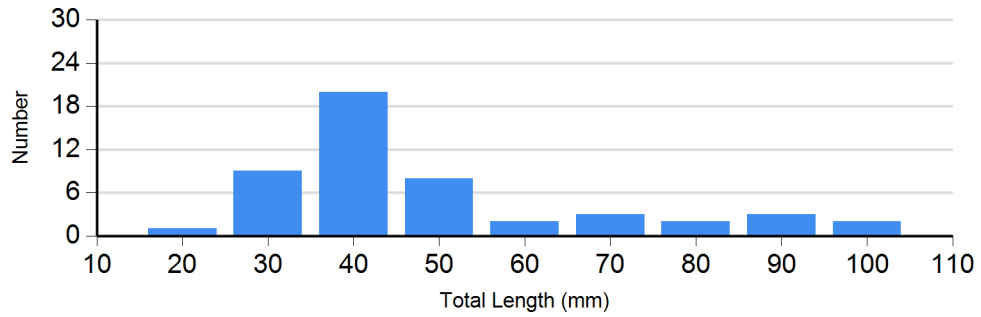
**Site:** 43

**Species:** Creek Chub

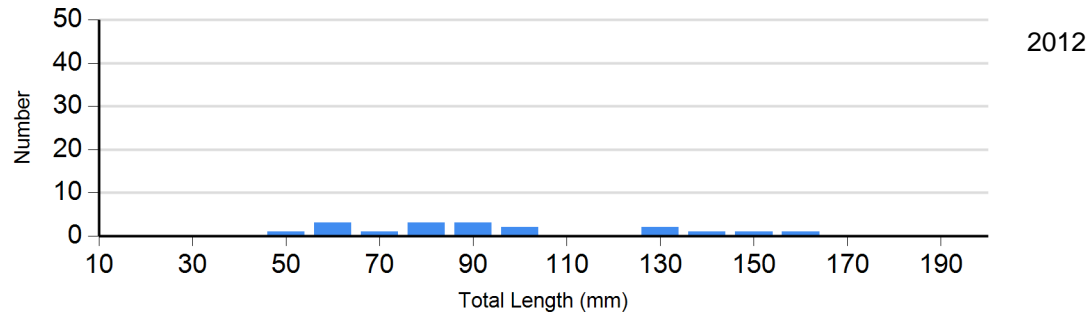
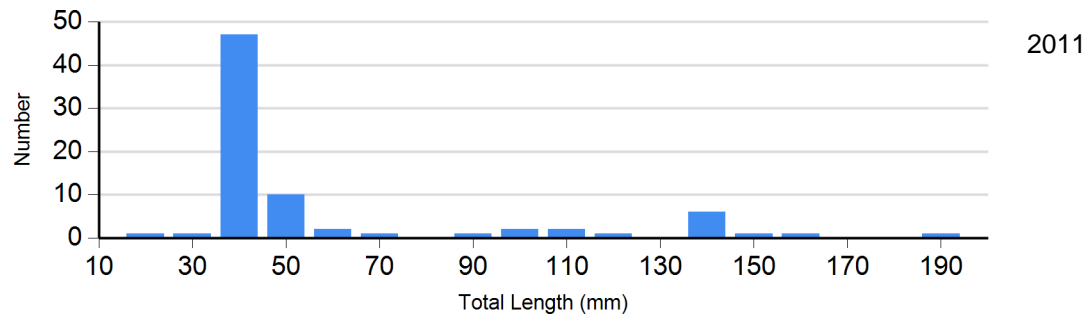




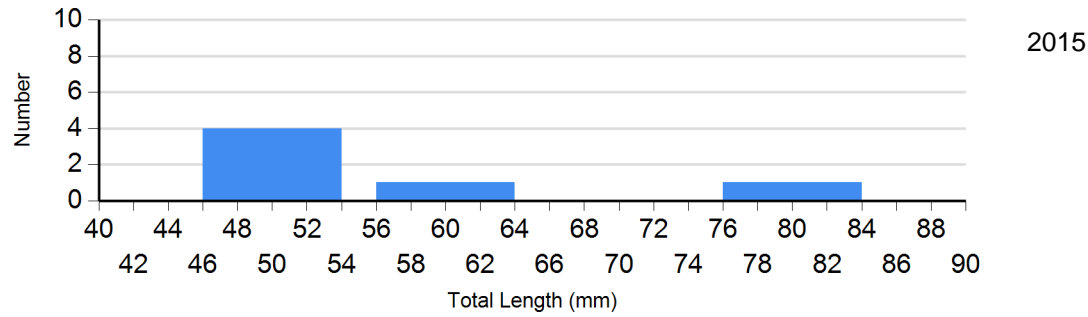
**Site:** 43  
**Species:** Longnose Dace



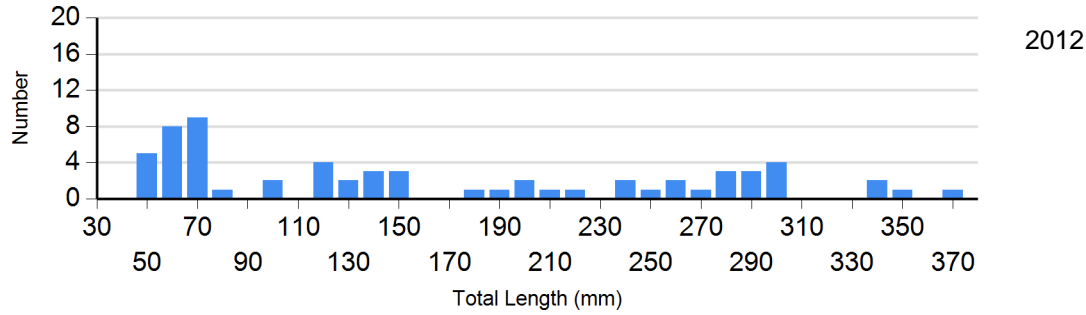
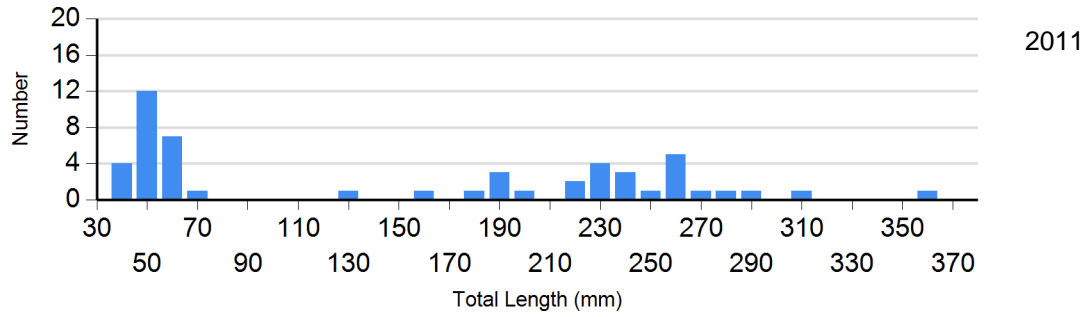
**Site: 43**  
**Species: Mountain Sucker**



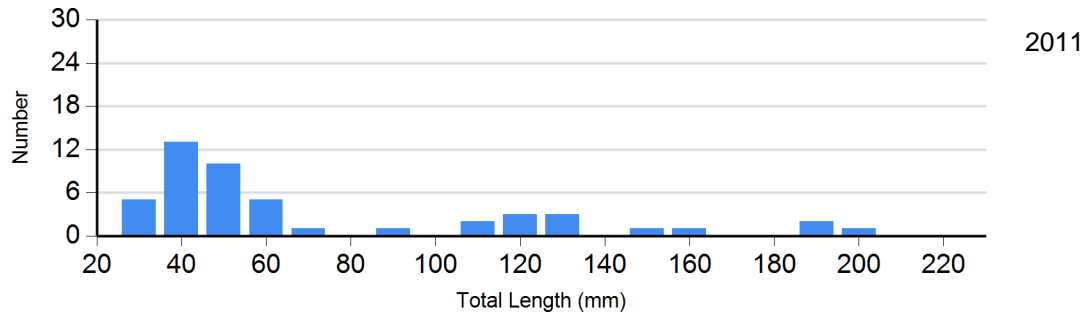
**Site: 43**  
**Species: Red Shiner**

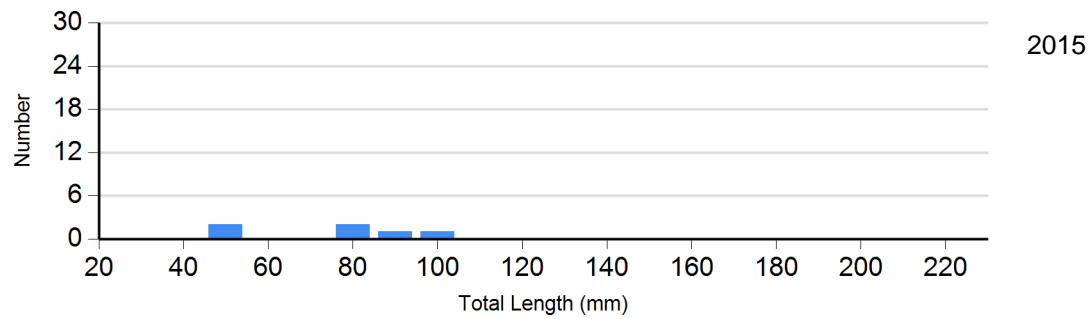
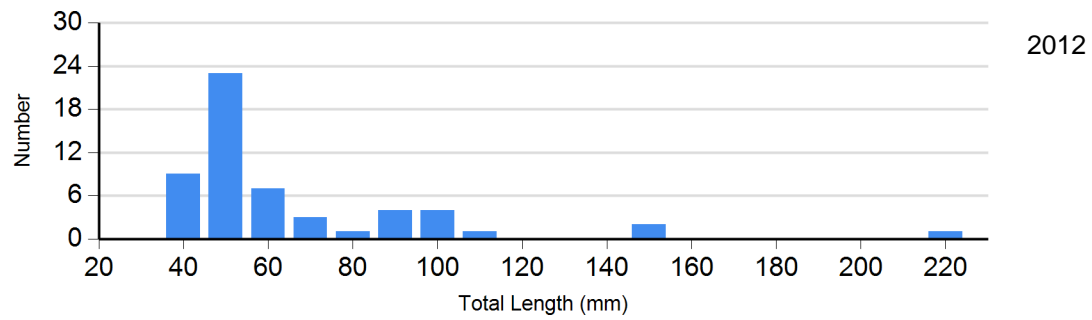


**Site: 43**  
**Species: White Sucker**

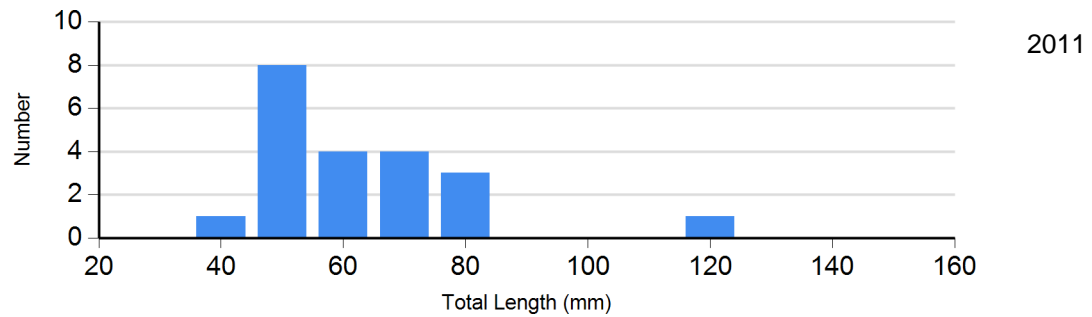


**Site: 131**  
**Species: Creek Chub**

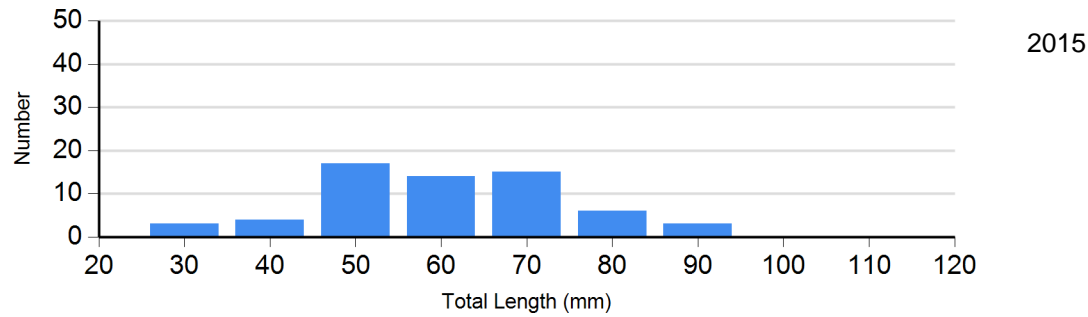
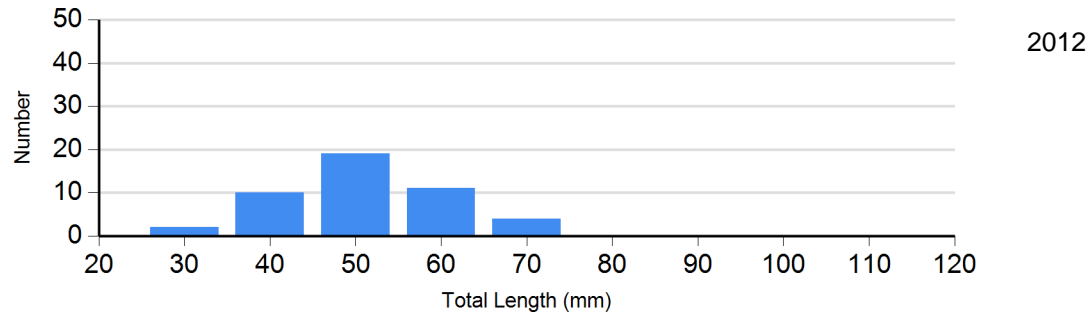
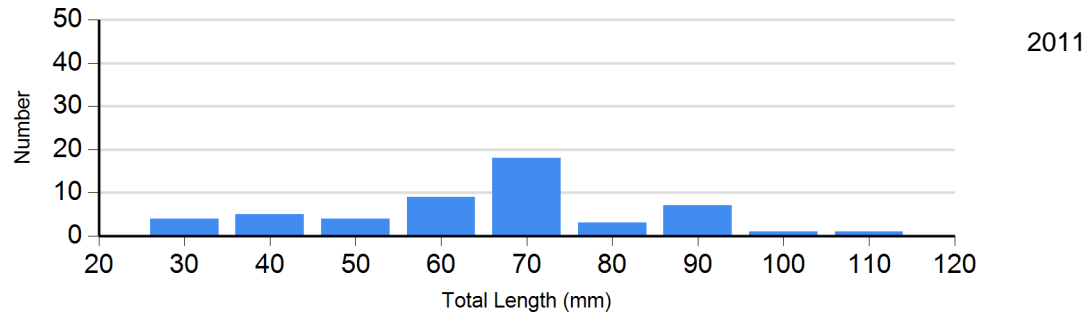




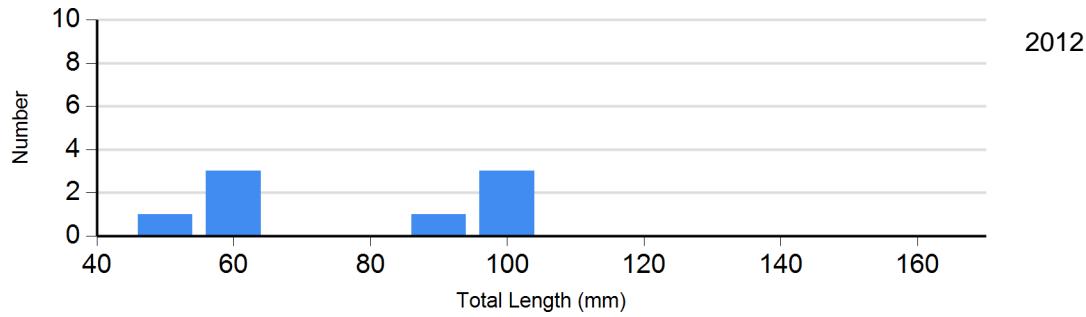
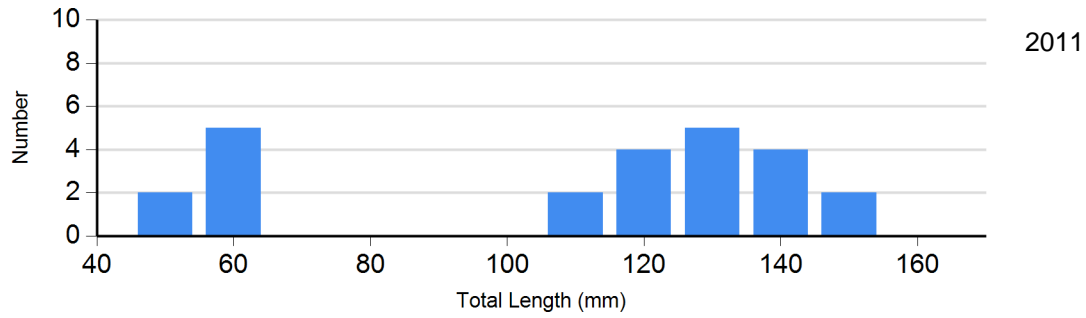
**Site:** 131  
**Species:** Green Sunfish



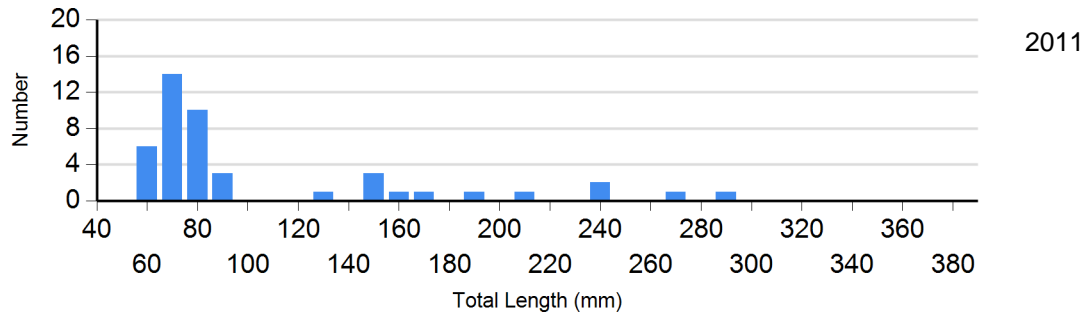
Site: 131  
Species: Longnose Dace



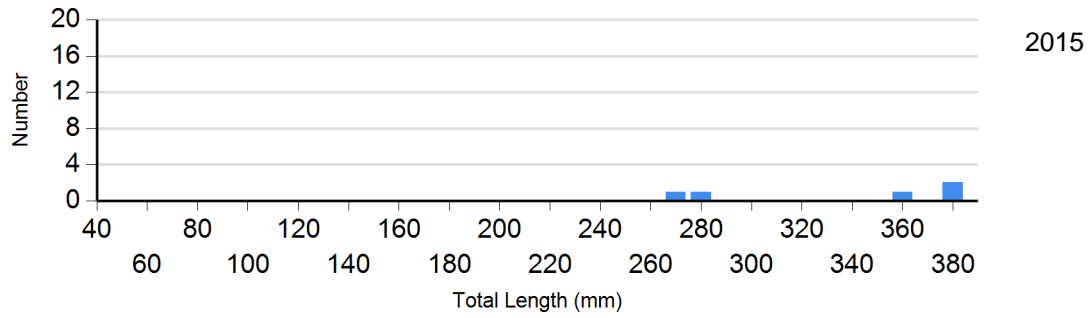
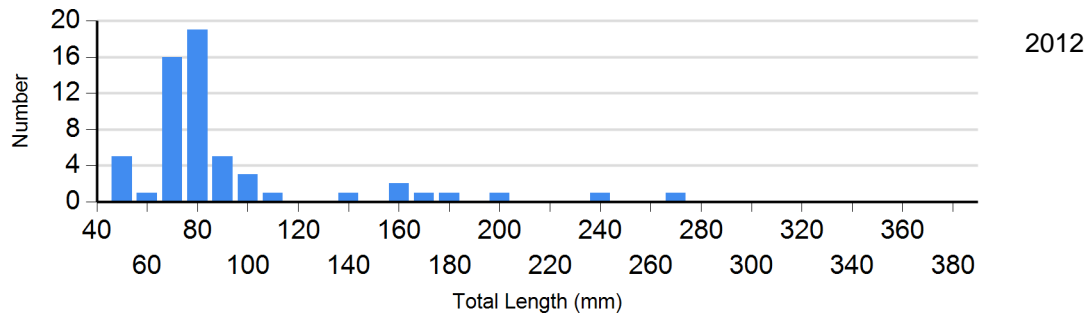
**Site: 131**  
**Species: Mountain Sucker**



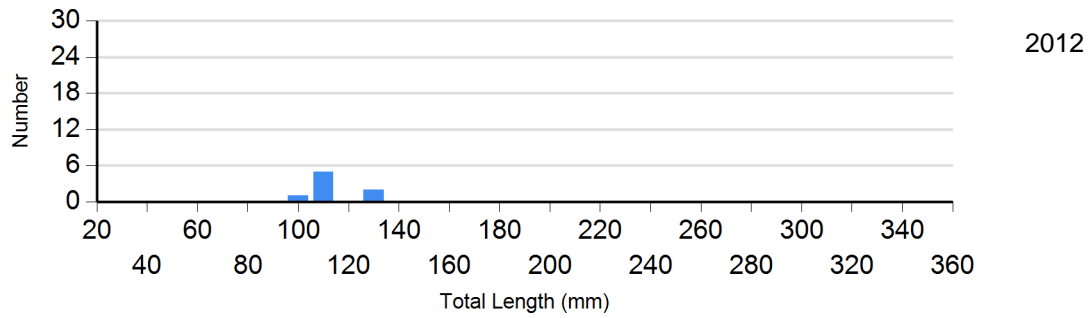
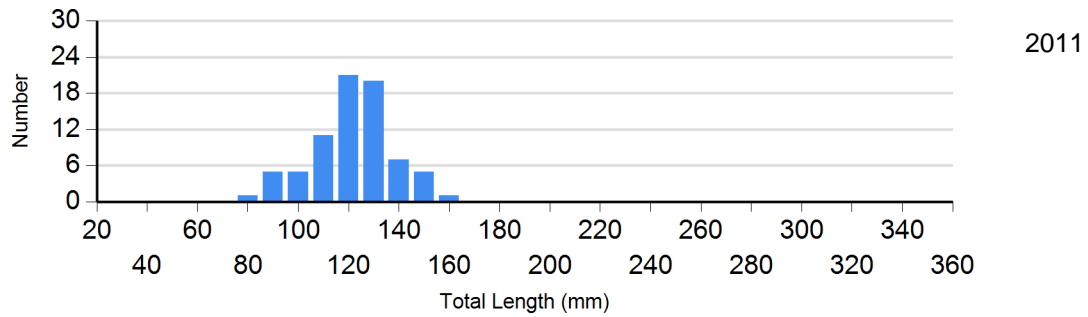
**Site: 131**  
**Species: White Sucker**

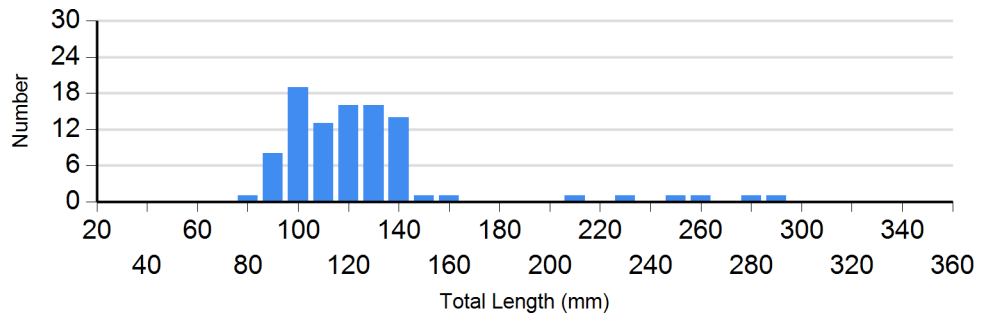




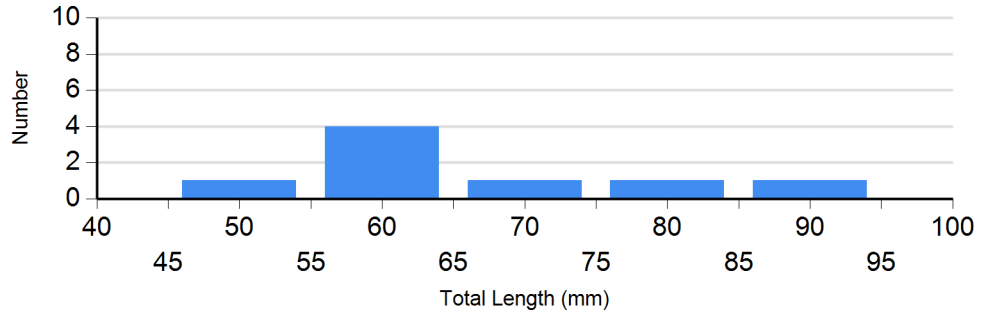


Site: 295  
Species: Brown Trout

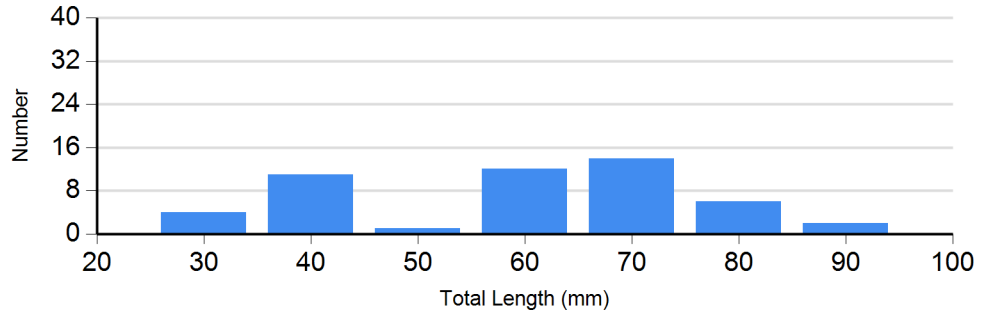


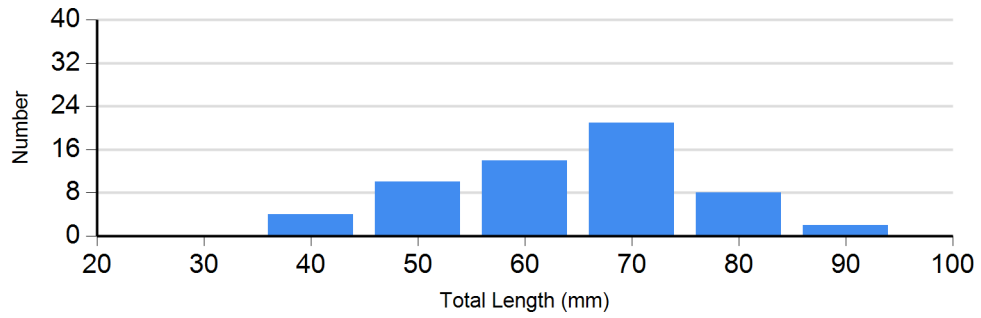
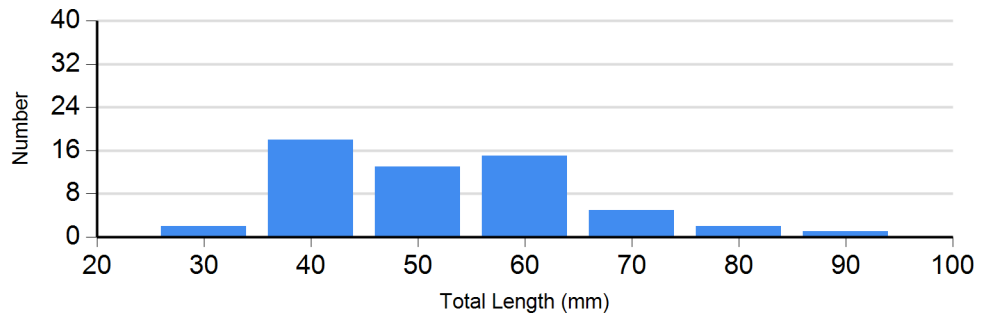


**Site:** 295  
**Species:** Creek Chub

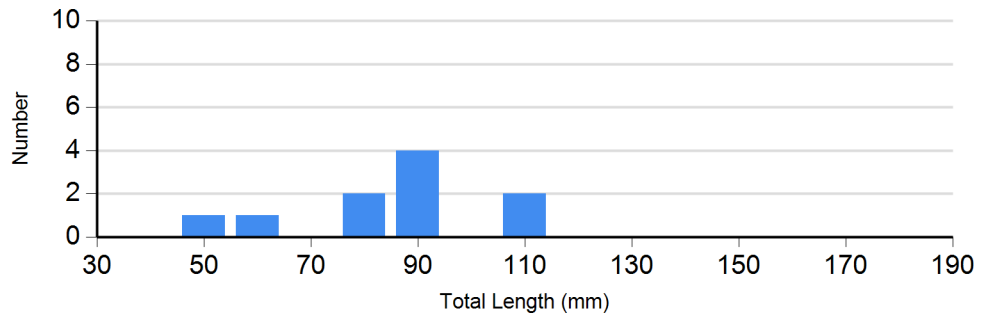
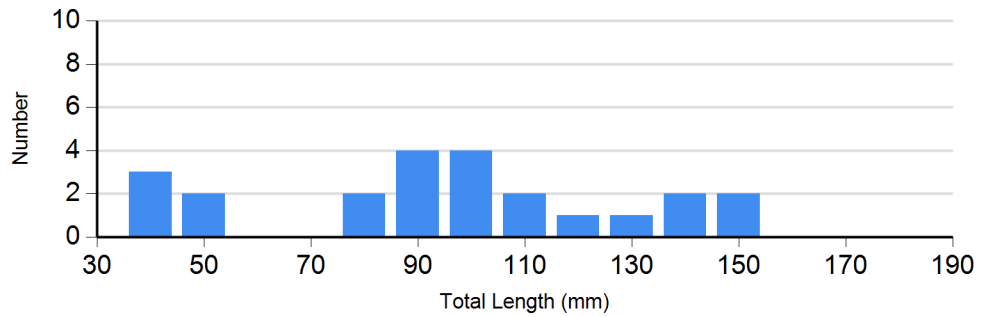


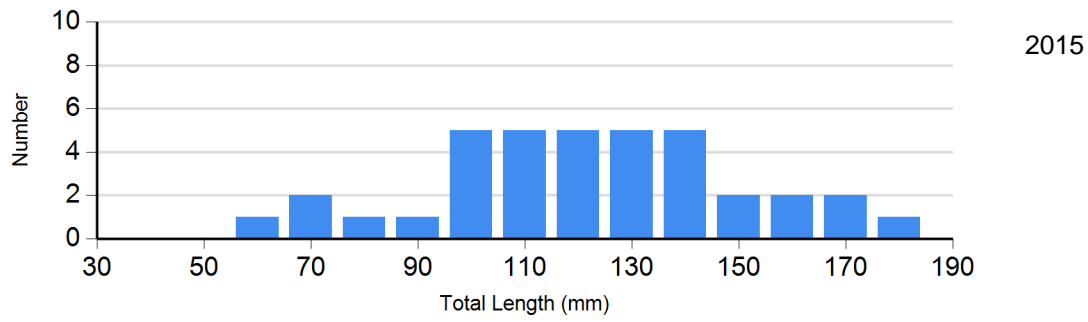
**Site:** 295  
**Species:** Longnose Dace



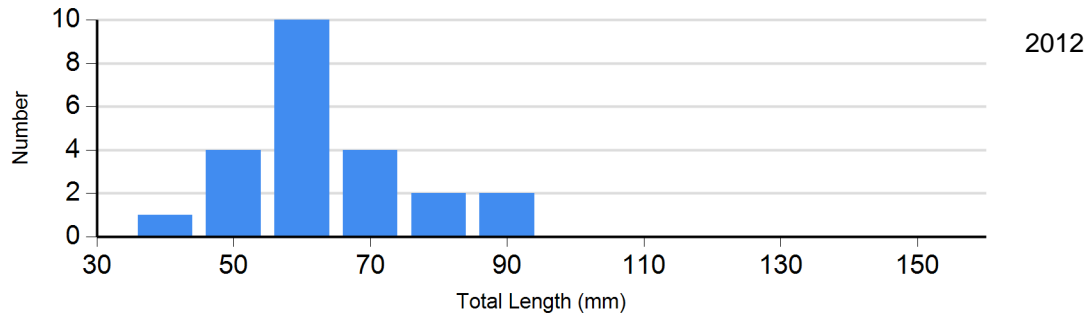
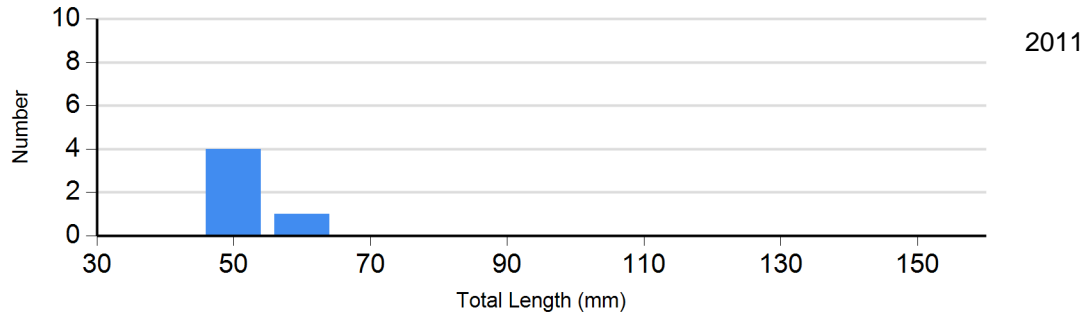


**Site:** 295  
**Species:** Mountain Sucker

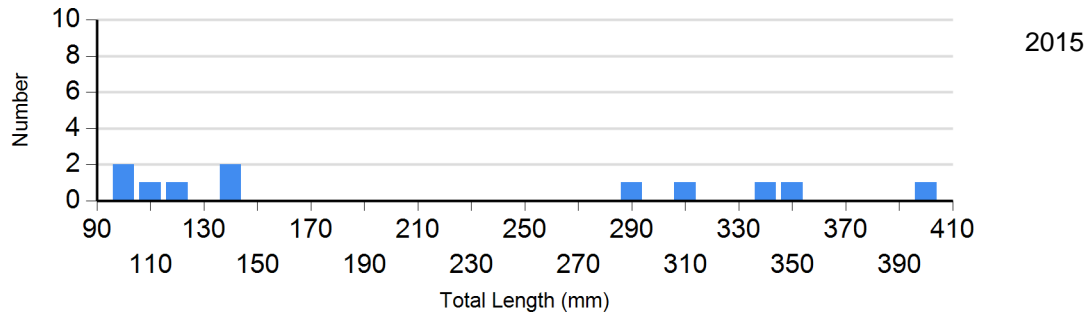




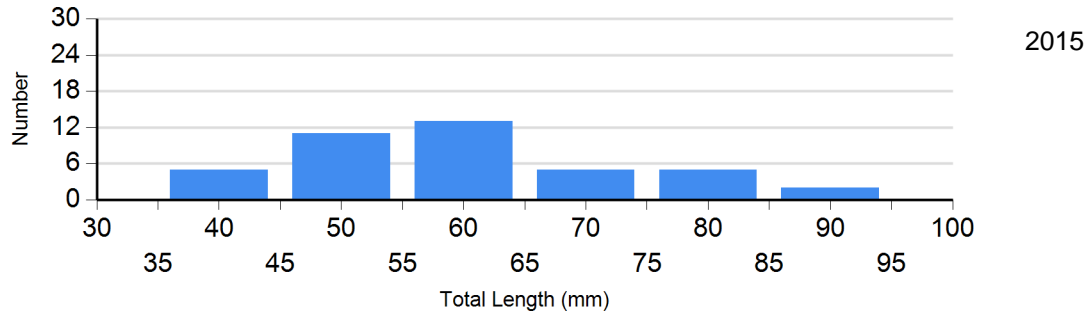
Site: 295  
Species: White Sucker



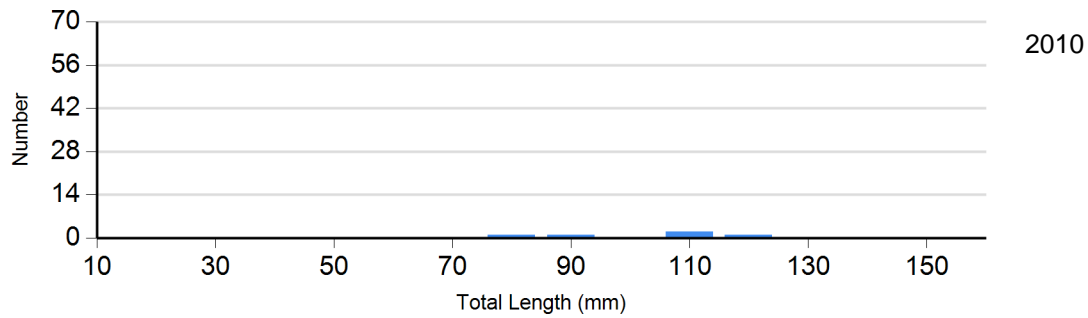
**Site:** 367  
**Species:** Brown Trout

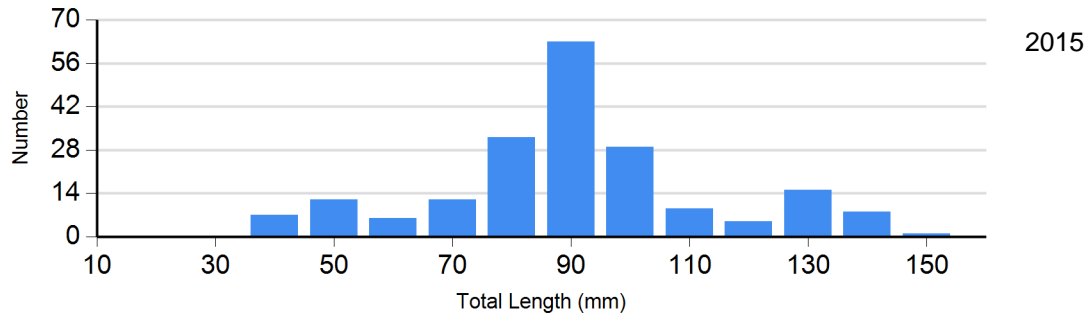
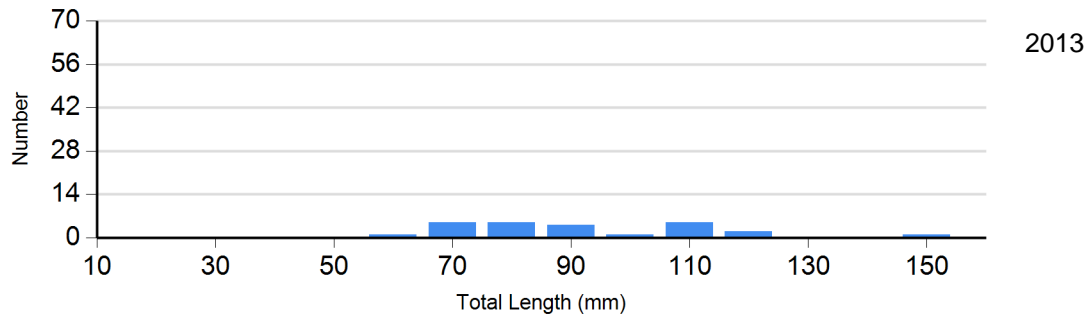


**Site:** 367  
**Species:** Longnose Dace

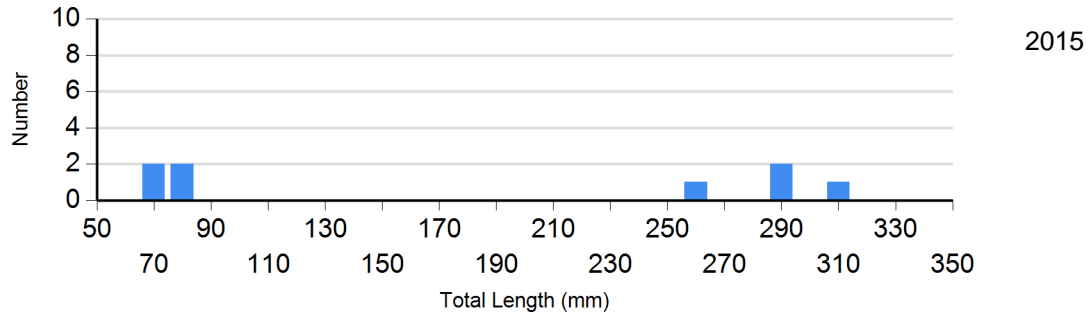


**Site:** 367  
**Species:** Mountain Sucker

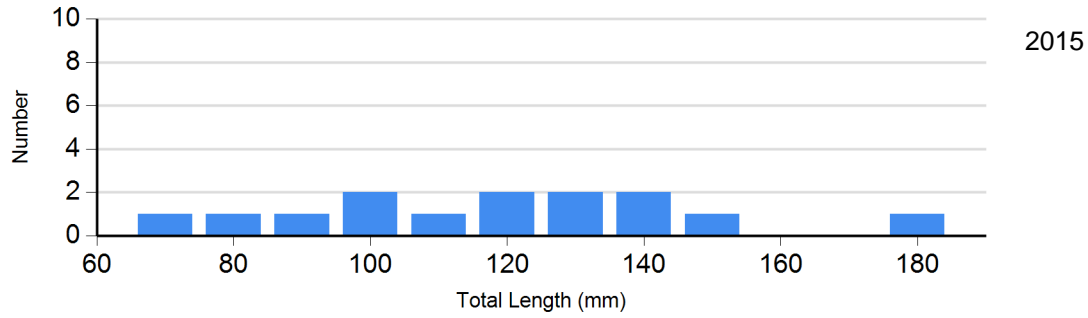




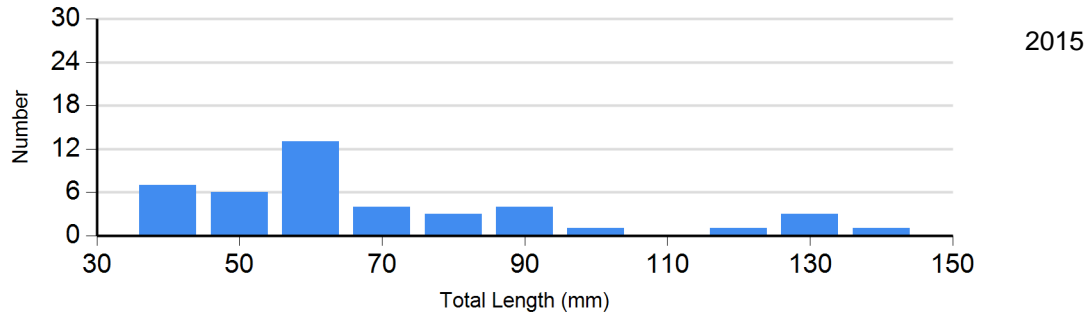
**Site:** 409  
**Species:** Brown Trout



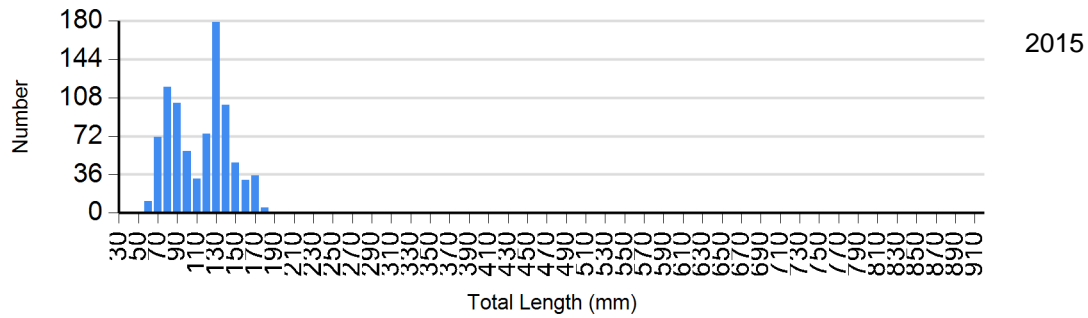
Site: 409  
Species: Creek Chub



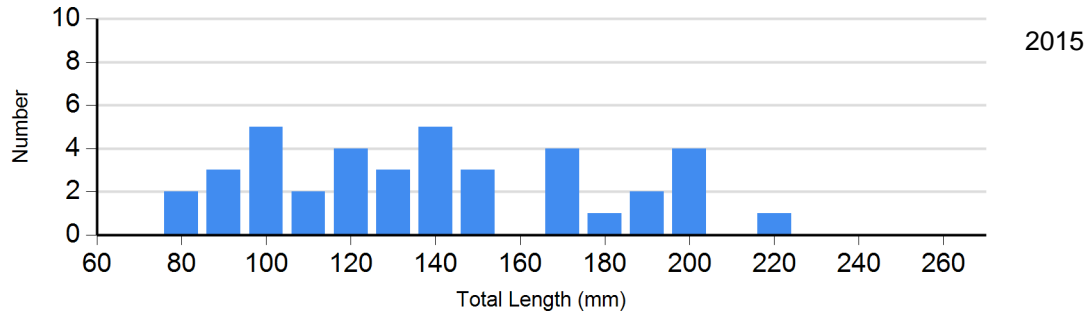
Site: 409  
Species: Longnose Dace



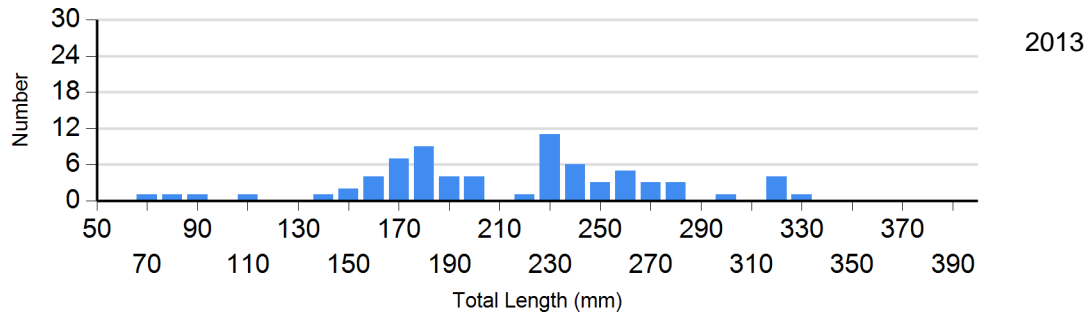
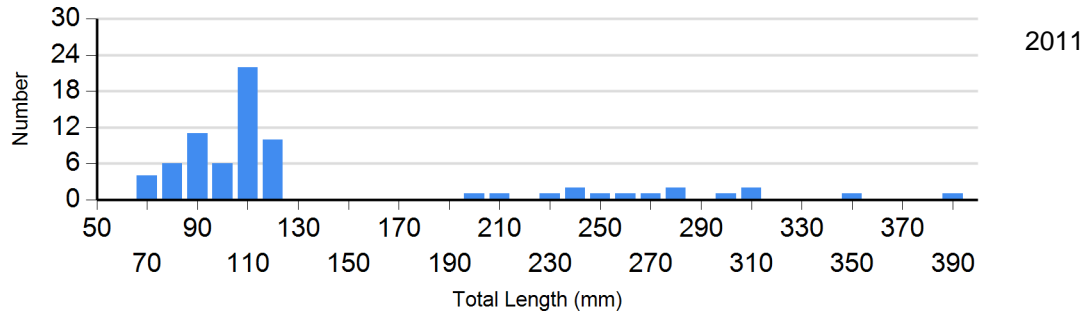
Site: 409  
Species: Mountain Sucker



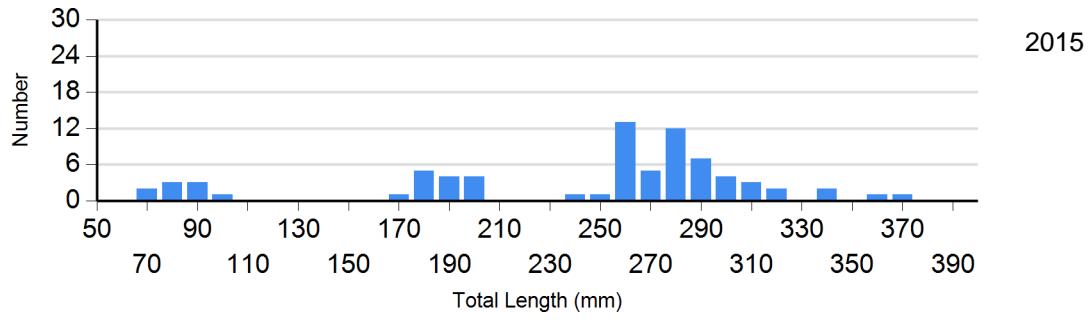
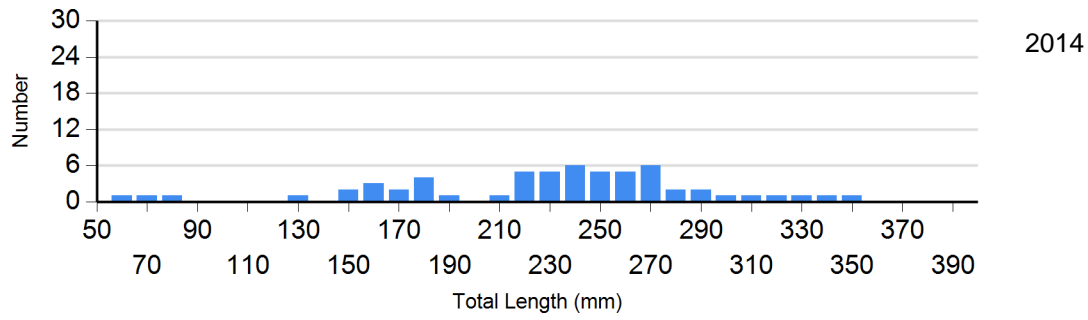
Site: 409  
Species: White Sucker



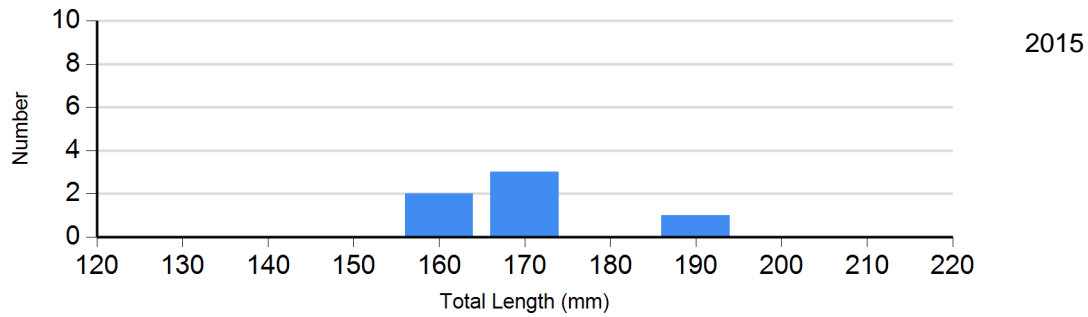
Site: 588  
Species: Brown Trout



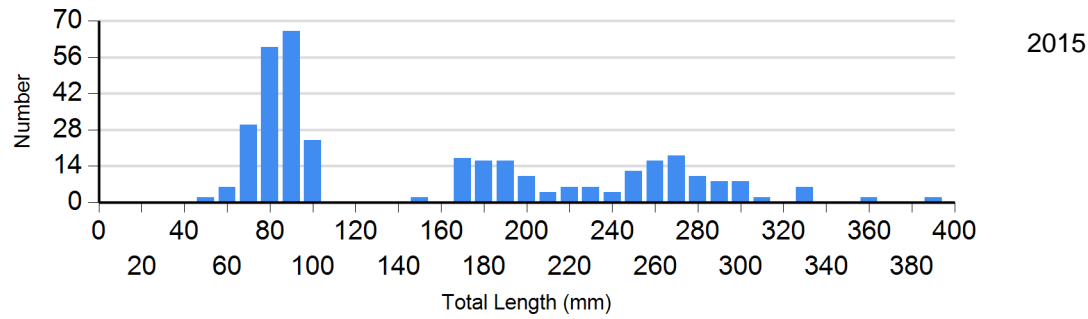
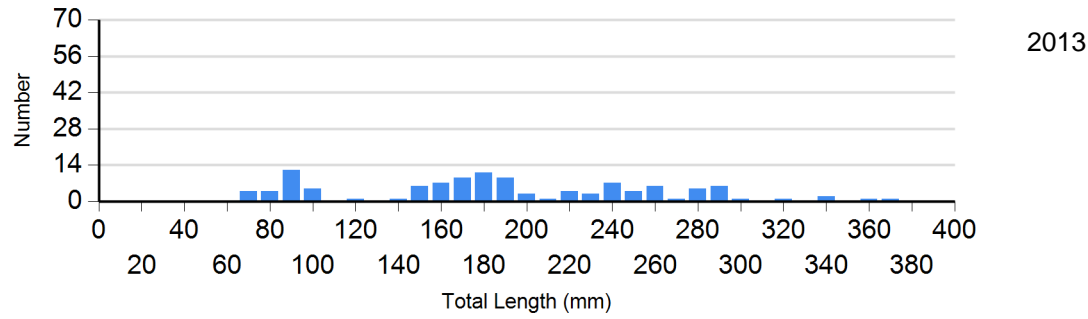
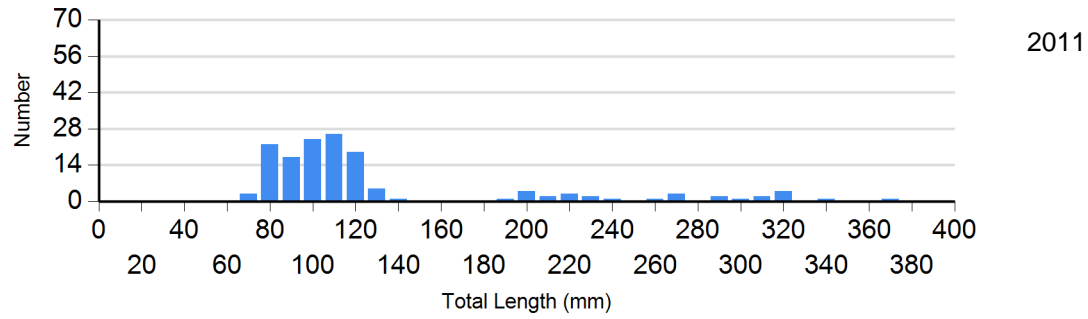




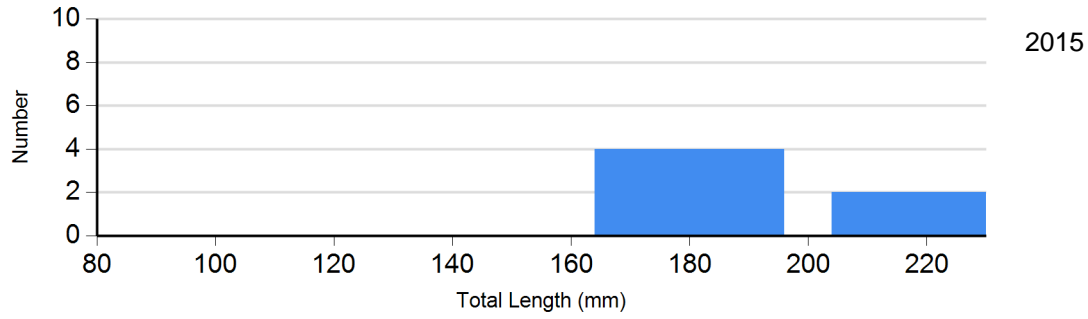
**Site:** 588  
**Species:** Mountain Sucker



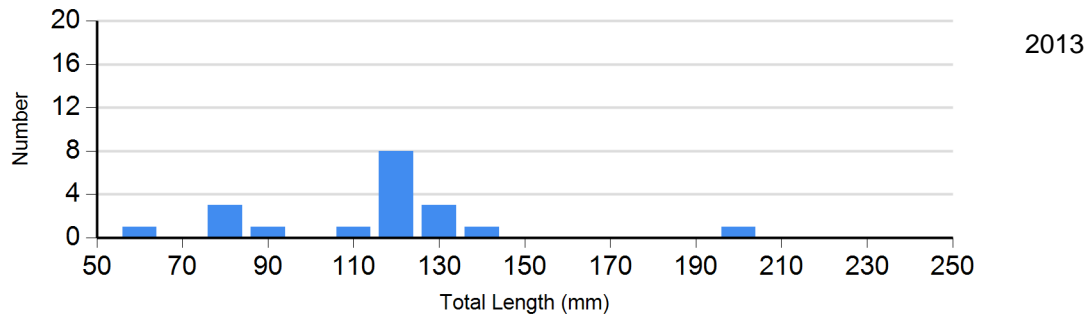
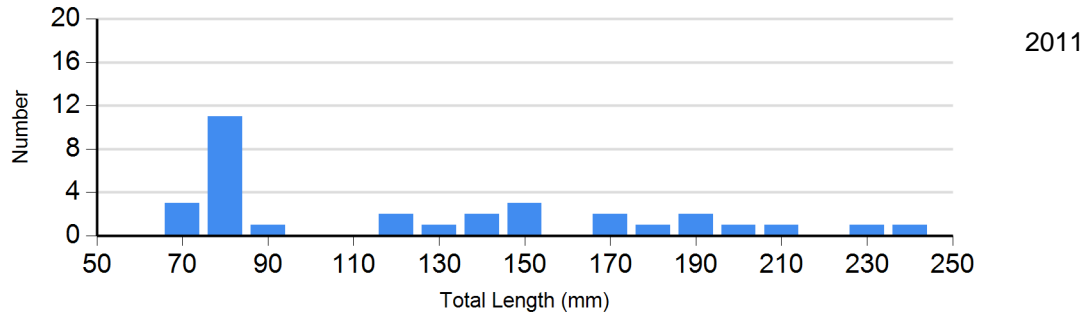
Site: 599  
Species: Brown Trout

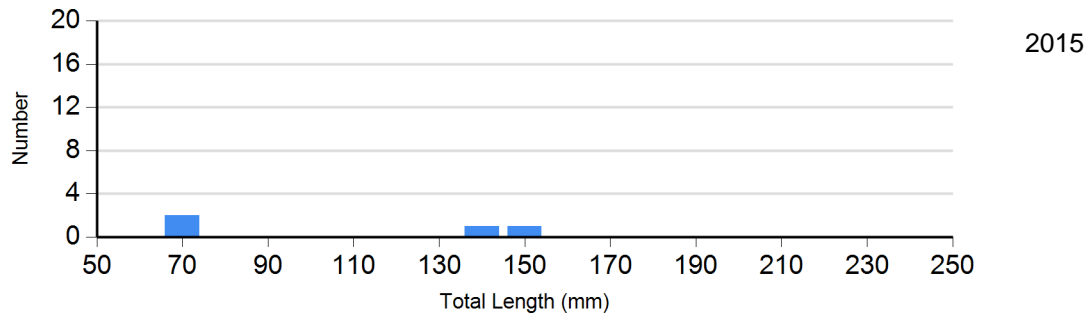


**Site:** 599  
**Species:** Mountain Sucker

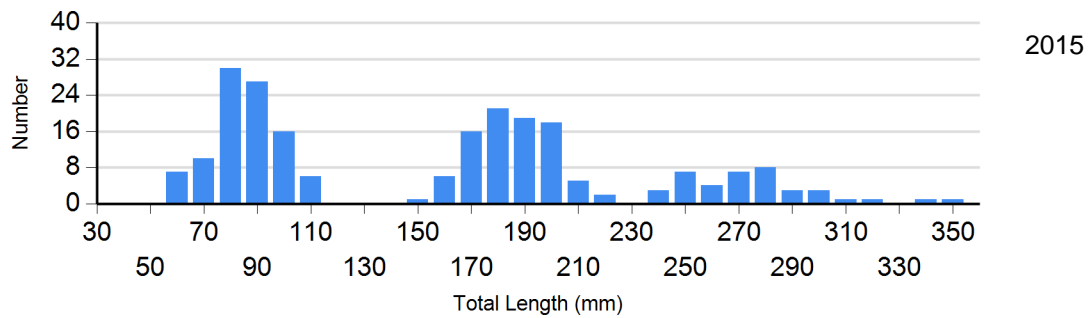
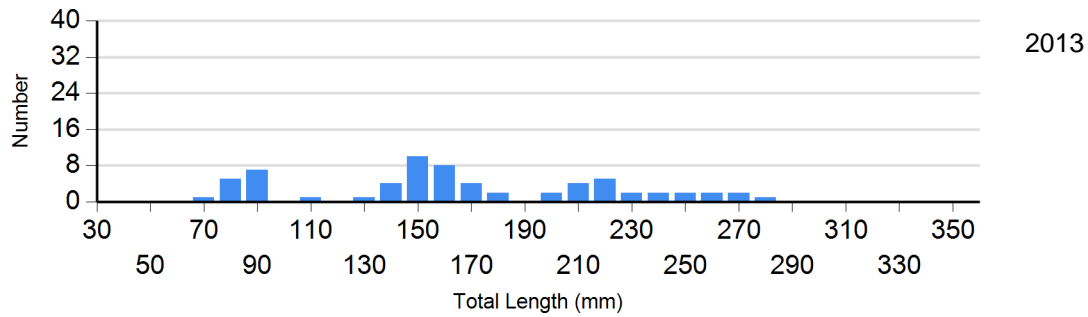
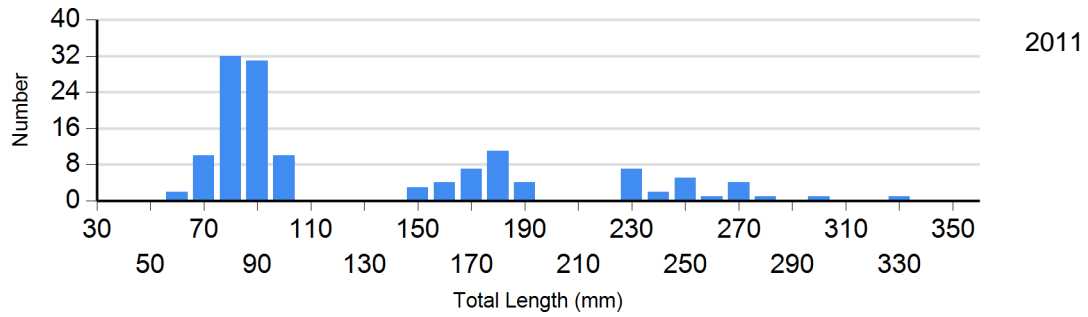


**Site:** 612  
**Species:** Brook Trout

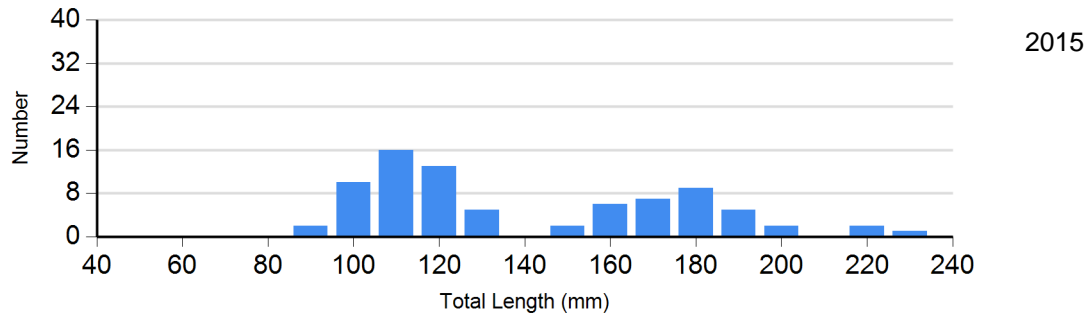
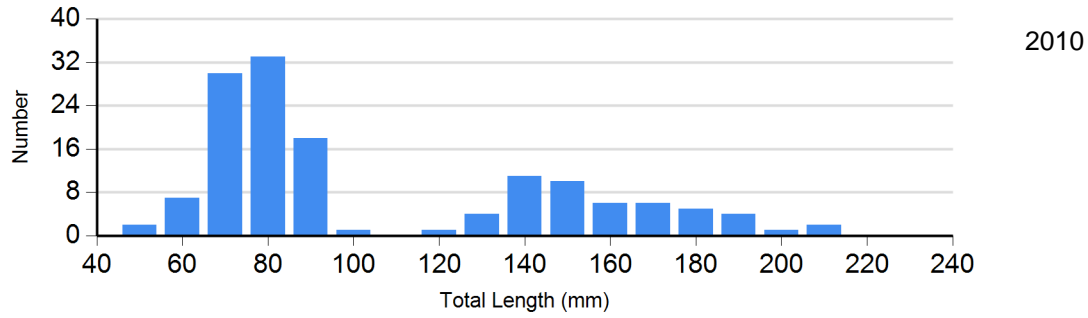




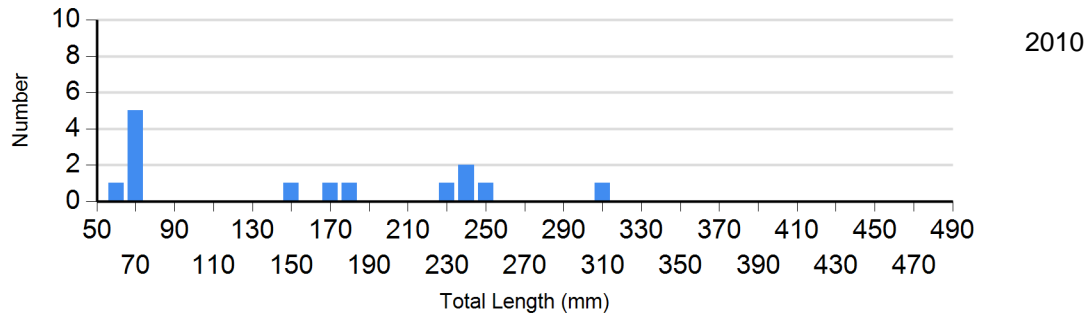
**Site:** 612  
**Species:** Brown Trout

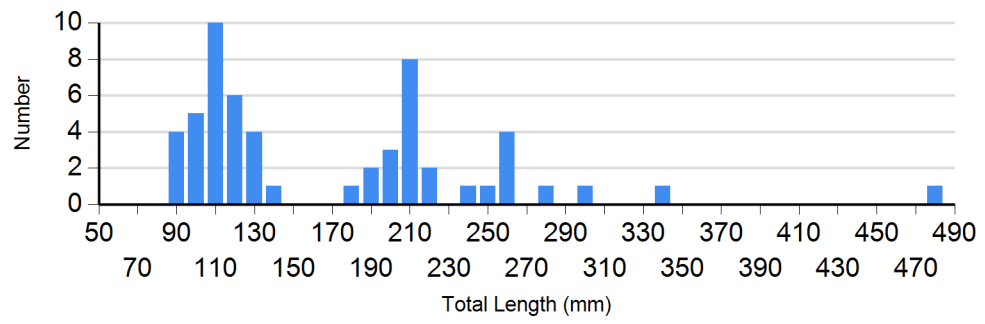


**Site:** 690  
**Species:** Brook Trout



**Site:** 690  
**Species:** Brown Trout





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