

**SOUTH DAKOTA BLACK HILLS COLD STREAM SURVEY**  
**Spring Creek (Trib. of Cheyenne), Pennington County**  
**02-0061-00**  
**1998**

Table 1. Population and Biomass Estimates for Spring Creek (Trib. of Cheyenne)

<b>Site Number:</b> 1717	<b>Date Sampled:</b> 09/28/1998	<b>Conductivity (umhos/cm):</b> 304
<b>Site Midpoint (Latitude, Longitude):</b> 43.98161836, -103.34838306	<b>Site Length (m):</b> 100	<b>pH:</b> 7.9
<b>Survey Completed by:</b> South Dakota Game, Fish and Parks	<b>Mean Width (m):</b> 6.4	<b>Water Temperature (C):</b> 16.6
<b>Stream Classification:</b> BR1	<b>Number of Pass:</b> 3	<b>Voltage:</b> 350

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	80	103	131	80	1599	30	1030	648	26.74	1657	121.7	18.7
Brown Trout	>=200mm	35	36	40	35	559	81	360	226	72.66	579	242.0	145.6
Brown Trout	All	115	136	157	115	2112	121	1360	855	108.10	2188	158.3	57.3
Creek Chub	All	44	47	53	44	730	10	470	296	9.14	756	111.3	14.0
Green Sunfish	All	12	27	102	12	419	5	270	170	4.49	434	87.2	12.0
Longnose Dace	All	12	16	30	12	248	4	160	101	3.99	257	115.7	18.0
Rock Bass	All	11	11	13	11	171	10	110	69	8.69	177	139.3	57.0
White Sucker	All	7	7	8	7	109	37	70	44	33.43	113	307.4	344.4

<b>Site Number:</b> 1774	<b>Date Sampled:</b> 09/29/1998	<b>Conductivity (umhos/cm):</b> 294
<b>Site Midpoint (Latitude, Longitude):</b> 43.96901962, -103.37758658	<b>Site Length (m):</b> 100	<b>pH:</b> 7.2
<b>Survey Completed by:</b> South Dakota Game, Fish and Parks	<b>Mean Width (m):</b> 8.4	<b>Water Temperature (C):</b> 15.2
<b>Stream Classification:</b> BR1	<b>Number of Pass:</b> 3	<b>Voltage:</b> 300

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	14	14	15	14	167	4	140	68	3.40	225	134.1	22.9
Brown Trout	>=200mm	47	58	76	47	690	105	580	280	94.10	933	251.6	152.6
Brown Trout	All	61	69	81	61	821	101	690	333	90.10	1110	224.6	122.9
Creek Chub	All	67	92	126	67	1095	32	920	444	28.16	1480	129.9	28.8
Hatchery Brown Trout	>=200mm	3	3	4	3	36	13	30	14	12.01	48	329.7	376.7
Hatchery Brown Trout	All	3	3	4	3	36	13	30	14	12.01	48	329.7	376.7
Rock Bass	All	39	48	64	39	571	35	480	231	31.66	772	141.4	62.1
White Sucker	All	12	13	18	12	155	55	130	63	49.19	209	290.8	356.0

Site Number: 1840

Site Midpoint (Latitude, Longitude): 43.99009910, -103.40772820

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR2

Date Sampled: 09/01/1998

Site Length (m): 100

Mean Width (m): 9.7

Number of Pass: 3

Conductivity (umhos/cm): 254

pH: 8.4

Water Temperature (C): 21.7

Voltage: 350

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	63	69	78	63	710	16	690	288	13.84	1110	119.6	21.8
Brown Trout	>=200mm	18	19	23	18	195	22	190	79	19.37	306	224.6	111.0
Brown Trout	All	81	90	102	81	926	39	900	375	34.44	1448	142.9	41.7
Creek Chub	All	6	18	131	6	185	3	180	75	2.48	290	105.2	15.0
Hatchery Brown Trout	>=200mm	9	9	10	9	93	16	90	38	14.42	145	270.3	174.4
Hatchery Brown Trout	All	9	9	10	9	93	16	90	38	14.42	145	270.3	174.4
Hatchery Rainbow Trout	>=200mm	2	2	3	2	21	11	20	8	9.62	32	366.5	523.5

Hatchery Rainbow Trout	All	2	2	3	2	21	11	20	8	9.62	32	366.5	523.5
Largemouth Bass	All	2	2	6	2	21	1	20	8	1.19	32	169.0	65.0
Longnose Dace	All	22	29	46	22	298	2	290	121	1.35	467	73.3	5.1
Rock Bass	All	3	3	4	3	31	3	30	13	2.61	48	142.0	94.7
White Sucker	All	11	11	13	11	113	9	110	46	7.82	177	177.0	77.4

**Site Number:** 1864  
**Site Midpoint (Latitude, Longitude):** 43.98424529, -103.42856922  
**Survey Completed by:** South Dakota Game, Fish and Parks  
**Stream Classification:** BR1

**Date Sampled:** 09/01/1998  
**Site Length (m):** 100  
**Mean Width (m):** 9.9  
**Number of Pass:** 3  
**Conductivity (umhos/cm):** 245  
**pH:** 7.8  
**Water Temperature (C):** 18.9  
**Voltage:** 350

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	307	333	351	315	3377	67	3330	1368	59.55	5358	110.9	19.7
Brown Trout	>=200mm	46	49	55	46	497	78	490	201	69.79	788	242.1	157.3
Brown Trout	All	353	383	402	364	3884	146	3830	1573	130.65	6162	128.0	37.7
Creek Chub	All	1	1	1	1	10	0	10	4	0.33	16	161.0	36.0
Hatchery Brown Trout	<200mm	1	1	1	1	10	2	10	4	1.81	16	182.0	200.0
Hatchery Brown Trout	>=200mm	16	16	16	16	162	35	160	66	31.60	257	280.6	218.1
Hatchery Brown Trout	All	17	17	17	17	172	37	170	70	33.41	274	274.8	217.1
Largemouth Bass	All	4	4	4	4	41	4	40	16	3.24	64	185.8	89.5
Longnose Dace	All	5	5	7	5	51	0	50	21	0.32	80	89.6	7.0
White Sucker	All	6	6	8	6	61	4	60	25	3.42	97	176.8	63.0

**Site Number:** 1885

Site Midpoint (Latitude, Longitude): 43.98085728, -103.44241913

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BR2

Date Sampled: 09/15/1998

Site Length (m): 100

Mean Width (m): 10.8

Number of Pass: 3

Conductivity (umhos/cm): 281

pH: 8.7

Water Temperature (C): 18.8

Voltage: 300

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	10	12	20	10	112	5	120	45	4.69	193	148.8	47.1
Brown Trout	>=200mm	39	39	41	39	362	82	390	147	73.11	628	268.8	225.9
Brown Trout	All	49	50	53	49	465	88	500	188	78.59	805	244.3	189.4
Golden Shiner	All	3	3	4	3	28	0	30	11	0.30	48	109.7	12.0
Hatchery Brown Trout	<200mm	1	1	2	1	9	0	10	4	0.08	16	110.0	10.0
Hatchery Brown Trout	>=200mm	45	45	46	45	418	95	450	169	85.22	724	282.2	228.2
Hatchery Brown Trout	All	46	46	48	46	428	96	460	173	85.30	740	278.5	223.5
Hatchery Rainbow Trout	>=200mm	4	4	4	4	37	25	40	15	22.22	64	397.0	669.5
Hatchery Rainbow Trout	All	4	4	4	4	37	25	40	15	22.22	64	397.0	669.5
Largemouth Bass	All	15	15	16	15	139	9	150	56	7.73	241	165.5	62.1
Longnose Dace	All	1	1	2	1	9	0	10	4	0.17	16	130.0	20.0
Rock Bass	All	10	11	16	10	102	5	110	41	4.09	177	125.4	44.8
White Sucker	All	79	84	92	79	781	336	840	316	300.19	1352	335.9	430.7
Yellow Perch	All	2	2	4	2	19	2	20	8	1.64	32	209.5	99.0

Site Number: 1895

Site Midpoint (Latitude, Longitude): 43.97710813, -103.44930537

Survey Completed by: South Dakota Game, Fish and Parks

Stream Classification: BK3, BR1

Date Sampled: 09/08/1998

Site Length (m): 100

Mean Width (m): 9.3

Number of Pass: 3

Conductivity (umhos/cm): 260

pH: 8.5

Water Temperature (C): 22.3

Voltage: 350

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	11	2	10	4	2.07	16	272.0	215.0
Brook Trout	All	1	1	1	1	11	2	10	4	2.07	16	272.0	215.0
Brown Trout	<200mm	23	46	119	23	497	11	460	201	10.03	740	118.7	22.6
Brown Trout	>=200mm	60	60	61	60	648	175	600	262	156.43	965	282.8	270.4
Brown Trout	All	83	86	91	83	929	187	860	376	167.28	1384	237.3	201.7
Hatchery Brown Trout	>=200mm	19	19	20	19	205	49	190	83	43.37	306	287.1	236.7
Hatchery Brown Trout	All	19	19	20	19	205	49	190	83	43.37	306	287.1	236.7
Hatchery Rainbow Trout	>=200mm	1	1	1	1	11	10	10	4	8.98	16	446.0	931.0
Hatchery Rainbow Trout	All	1	1	1	1	11	10	10	4	8.98	16	446.0	931.0
Largemouth Bass	All	12	13	18	12	140	8	130	57	7.19	209	159.8	57.3
Northern Pike	All	1	1	1	1	11	4	10	4	3.53	16	401.0	366.0
Rock Bass	All	11	14	25	11	151	11	140	61	9.57	225	149.9	70.9
White Sucker	All	19	19	19	19	205	77	190	83	68.76	306	318.7	375.3
Yellow Perch	All	1	1	1	1	11	0	10	4	0.17	16	109.0	18.0

Site Number: 1900  
 Site Midpoint (Latitude, Longitude): 43.97545209, -103.44554934  
 Survey Completed by: South Dakota Game, Fish and Parks  
 Stream Classification: BR2

Date Sampled: 09/08/1998  
 Site Length (m): 100  
 Mean Width (m): 9.3  
 Number of Pass: 3  
 Conductivity (umhos/cm): 252  
 pH: 8.9  
 Water Temperature (C): 19.8  
 Voltage: 300

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	1	1	2	1	11	0	10	4	0.25	16	125.0	26.0
Brown Trout	>=200mm	11	11	13	11	118	41	110	48	36.87	177	314.5	349.1
Brown Trout	All	12	13	18	12	140	45	130	57	40.21	209	298.8	322.2
Hatchery Brown Trout	>=200mm	30	31	35	30	333	125	310	135	111.30	499	319.5	374.0
Hatchery Brown Trout	All	30	31	35	30	333	125	310	135	111.30	499	319.5	374.0
Hatchery Rainbow Trout	>=200mm	1	1	2	1	11	11	10	4	9.87	16	443.0	1028.0
Hatchery Rainbow Trout	All	1	1	2	1	11	11	10	4	9.87	16	443.0	1028.0
Largemouth Bass	All	11	23	82	11	247	13	230	100	11.24	370	155.0	50.9
Northern Pike	All	2	2	3	2	22	16	20	9	14.43	32	493.0	751.5
Rock Bass	All	33	36	43	33	387	30	360	157	26.99	579	152.2	78.1
White Sucker	All	10	20	70	10	215	100	200	87	89.00	322	341.6	463.5
Yellow Perch	All	2	2	4	2	22	1	20	9	0.94	32	148.0	49.0

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 Spring Creek (Trib. of Cheyenne), 1988-1998

**Site 1717**

Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Sep 28, 1998	103	80-131	
Brown Trout >=200mm	Sep 28, 1998	36	35-40	BR1
Creek Chub	Sep 19, 1994	842	843-892	
	Sep 28, 1998	47	44-53	
Green Sunfish	Sep 28, 1998	27	12-102	
Longnose Dace	Sep 19, 1994	64	28-180	
	Sep 28, 1998	16	12-30	

Rock Bass	Sep 19, 1994	207	136-279
	Sep 28, 1998	11	11-13
White Sucker	Sep 19, 1994	2	2-2
	Sep 28, 1998	7	7-8

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**Site 1774**


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Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Sep 29, 1998	14	14-15	
Brown Trout >=200mm	Sep 29, 1998	58	47-76	BR1
Creek Chub	Sep 29, 1998	92	67-126	
Hatchery Brown Trout >=200mm	Sep 29, 1998	3	3-4	
Rock Bass	Sep 29, 1998	48	39-64	
White Sucker	Sep 29, 1998	13	12-18	

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**Site 1840**


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Species/Size	Date	Pop Est.	(95% C.I.)	Stream Classification
Brown Trout <200mm	Sep 13, 1996	35	28-50	
	Oct 03, 1997	65	46-96	
	Sep 01, 1998	69	63-78	

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Brown Trout >=200mm	Sep 13, 1996	20	20-20	BR2
	Oct 03, 1997	25	22-33	BR2
	Sep 01, 1998	19	18-23	BR2
Creek Chub	Sep 13, 1996	337	92-1017	
	Oct 03, 1997	13	12-17	
	Sep 01, 1998	18	6-131	
Hatchery Brown Trout >=200mm	Sep 13, 1996	15	15-15	
	Oct 03, 1997	31	31-33	
	Sep 01, 1998	9	9-10	
Hatchery Rainbow Trout >=200mm	Oct 03, 1997	2	2-2	
	Sep 01, 1998	2	2-3	
Largemouth Bass	Sep 01, 1998	2	2-6	
Longnose Dace	Sep 13, 1996	7	8-10	
	Oct 03, 1997	7	8-13	
	Sep 01, 1998	29	22-46	
Rock Bass	Sep 13, 1996	2	2-2	

Rock Bass	Oct 03, 1997	2	2-2
	Sep 01, 1998	3	3-4
White Sucker	Sep 13, 1996	13	14-18
	Oct 03, 1997	6	4-21
	Sep 01, 1998	11	11-13

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**Site 1864**

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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	Jul 28, 1993	23	11-82	
	Sep 04, 1996	200	185-215	
	Sep 18, 1997	77	65-93	
	Sep 01, 1998	333	315-351	
Brown Trout >=200mm	Jul 28, 1993	17	16-21	BR2
	Sep 04, 1996	24	24-25	BR2
	Sep 18, 1997	67	63-74	BR1
	Sep 01, 1998	49	46-55	BR1
Creek Chub	Jul 28, 1993	385	342-428	

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Creek Chub	Sep 04, 1996	96	94-100
	Sep 18, 1997	6	5-13
	Sep 01, 1998	1	1-1
Hatchery Brown Trout <200mm	Sep 01, 1998	1	1-1
Hatchery Brown Trout >=200mm	Jul 28, 1993	19	19-21
	Sep 04, 1996	10	10-11
	Sep 18, 1997	14	14-14
	Sep 01, 1998	16	16-16
Hatchery Rainbow Trout >=200mm	Sep 18, 1997	1	1-2
Largemouth Bass	Sep 01, 1998	4	4-4
Longnose Dace	Jul 28, 1993	3	3-3
	Sep 04, 1996	18	16-25
	Sep 18, 1997	4	4-4
	Sep 01, 1998	5	5-7
Rock Bass	Jul 28, 1993	4	4-4
	Sep 04, 1996	2	2-4

Rock Bass	Sep 18, 1997	1	1-1
White Sucker	Jul 28, 1993	7	7-8
	Sep 04, 1996	6	6-8
	Sep 18, 1997	6	6-7
	Sep 01, 1998	6	6-8

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**Site 1885**

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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, 1997	25	23-31	
	Sep 15, 1998	12	10-20	
Brown Trout >=200mm	Oct 20, 1997	87	86-90	BR1
	Sep 15, 1998	39	39-41	BR2
Creek Chub	Oct 20, 1997	3	3-6	
Golden Shiner	Oct 20, 1997	2	2-4	
	Sep 15, 1998	3	3-4	
Hatchery Brown Trout <200mm	Sep 15, 1998	1	1-2	
Hatchery Brown Trout >=200mm	Oct 20, 1997	37	37-39	

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Hatchery Brown Trout >=200mm	Sep 15, 1998	45	45-46
Hatchery Rainbow Trout >=200mm	Oct 20, 1997	14	9-35
	Sep 15, 1998	4	4-4
Largemouth Bass	Oct 20, 1997	7	7-9
	Sep 15, 1998	15	15-16
Longnose Dace	Oct 20, 1997	1	1-4
	Sep 15, 1998	1	1-2
Rock Bass	Oct 20, 1997	24	18-40
	Sep 15, 1998	11	10-16
White Sucker	Oct 20, 1997	62	61-65
	Sep 15, 1998	84	79-92
Yellow Perch	Oct 20, 1997	1	1-5
	Sep 15, 1998	2	2-4

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**Site 1895**

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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	Sep 08, 1998	1	1-1	BK3

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Brown Trout <200mm	Oct 16, 1997	38	34-46	
	Sep 08, 1998	46	23-119	
Brown Trout >=200mm	Oct 16, 1997	119	116-124	BR1
	Sep 08, 1998	60	60-61	BR1
Hatchery Brown Trout >=200mm	Oct 16, 1997	20	20-22	
	Sep 08, 1998	19	19-20	
Hatchery Rainbow Trout >=200mm	Oct 16, 1997	12	12-12	
	Sep 08, 1998	1	1-1	
Largemouth Bass	Oct 16, 1997	33	31-38	
	Sep 08, 1998	13	12-18	
Northern Pike	Oct 16, 1997	1	1-2	
	Sep 08, 1998	1	1-1	
Rock Bass	Oct 16, 1997	12	10-20	
	Sep 08, 1998	14	11-25	
White Sucker	Oct 16, 1997	10	10-10	
	Sep 08, 1998	19	19-19	

Yellow Perch	Oct 16, 1997	1	1-2
	Sep 08, 1998	1	1-1

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**Site 1900**


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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 02, 1993	2	2-2	
	Sep 09, 1996	8	8-8	
	Sep 08, 1998	1	1-2	
Brown Trout >=200mm	Sep 02, 1993	9	9-9	BR2
	Sep 09, 1996	16	14-23	BR2
	Sep 08, 1998	11	11-13	BR2
Creek Chub	Sep 02, 1993	373	271-475	
	Sep 09, 1996	9	9-11	
Green Sunfish	Sep 02, 1993	1	1-5	
Hatchery Brown Trout >=200mm	Sep 08, 1998	31	30-35	
Hatchery Rainbow Trout <200mm	Sep 02, 1993	1	1-2	
	Sep 09, 1996	1	1-1	

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Hatchery Rainbow Trout >=200mm	Sep 02, 1993	9	9-10
	Sep 09, 1996	104	100-110
	Sep 08, 1998	1	1-2
Largemouth Bass	Sep 09, 1996	1	1-1
	Sep 08, 1998	23	11-82
Northern Pike	Sep 02, 1993	1	1-1
	Sep 08, 1998	2	2-3
Rock Bass	Sep 02, 1993	23	11-82
	Sep 09, 1996	20	10-70
	Sep 08, 1998	36	33-43
White Sucker	Sep 02, 1993	8	8-10
	Sep 09, 1996	27	12-102
	Sep 08, 1998	20	10-70
Yellow Perch	Sep 02, 1993	6	6-7
	Sep 09, 1996	2	2-3
	Sep 08, 1998	2	2-4

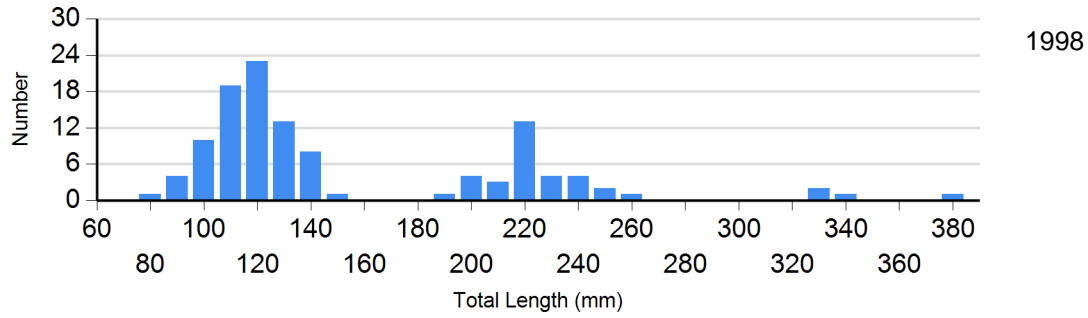


## Length Frequency Distribution

Length frequency histogram of species sampled by year.

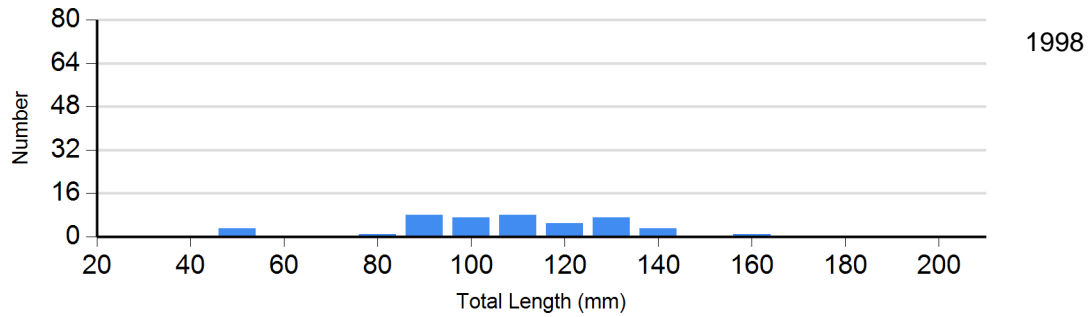
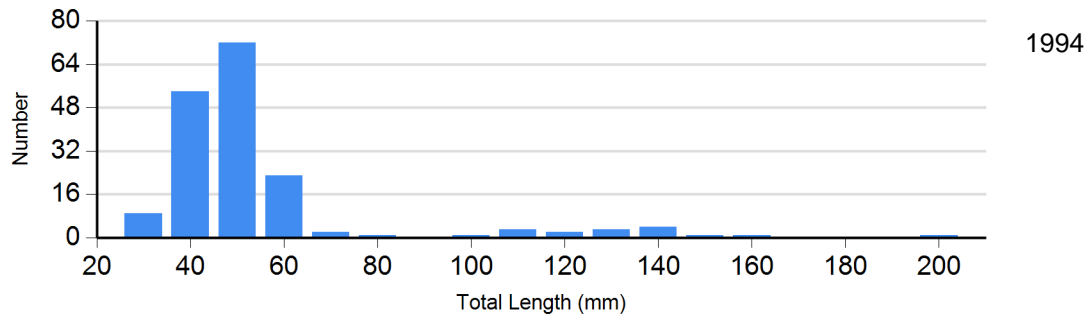
**Site:** 1717

**Species:** Brown Trout

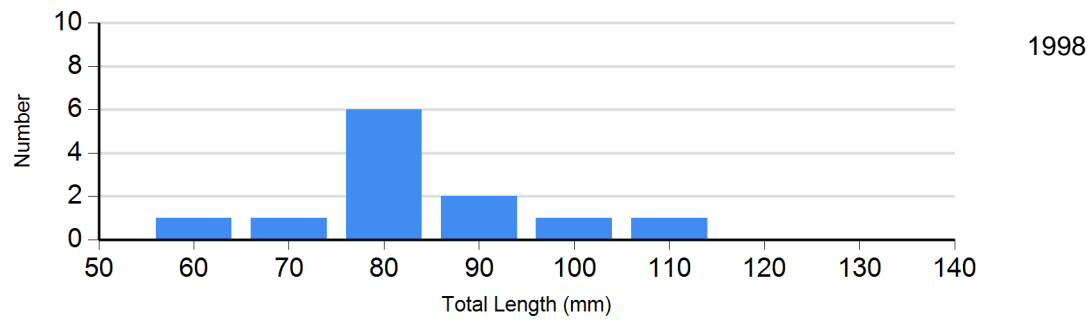


**Site:** 1717

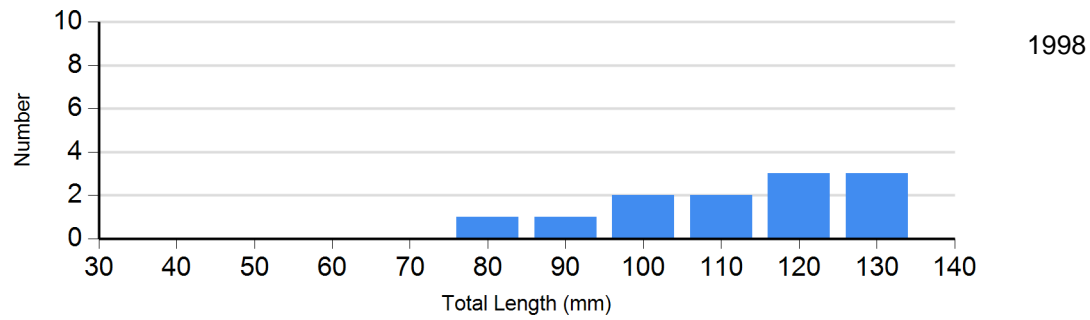
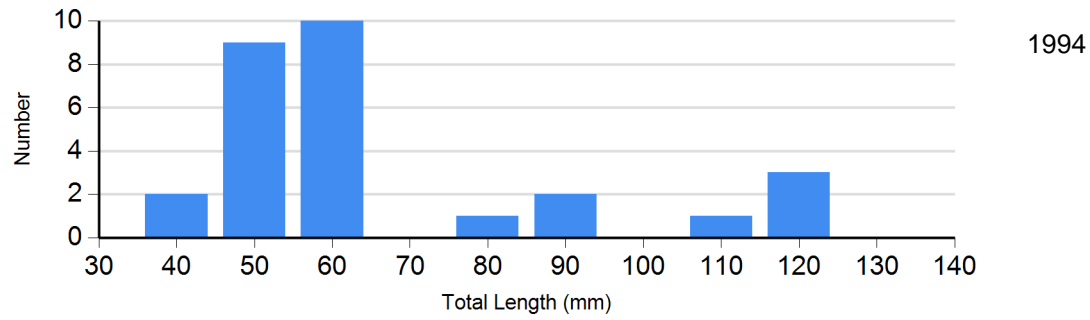
**Species:** Creek Chub



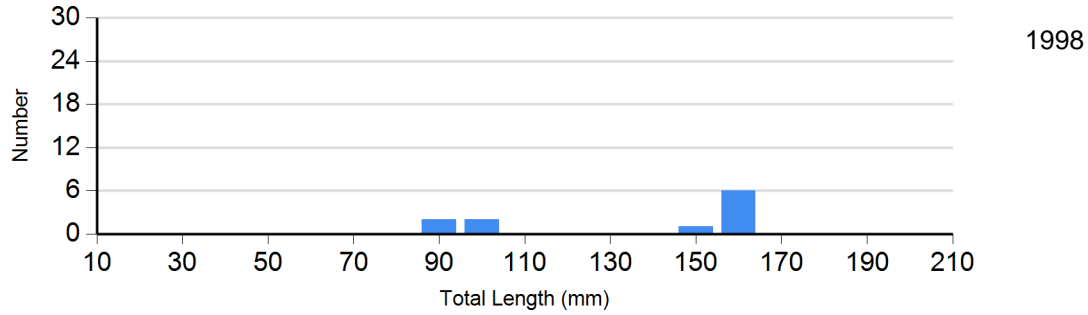
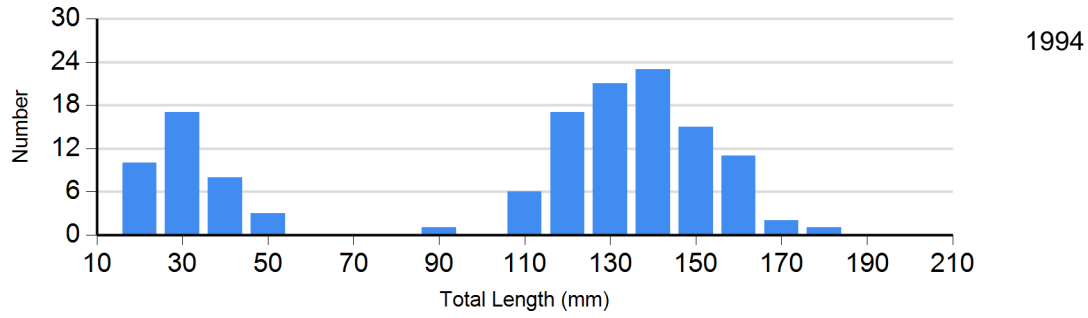
**Site:** 1717  
**Species:** Green Sunfish



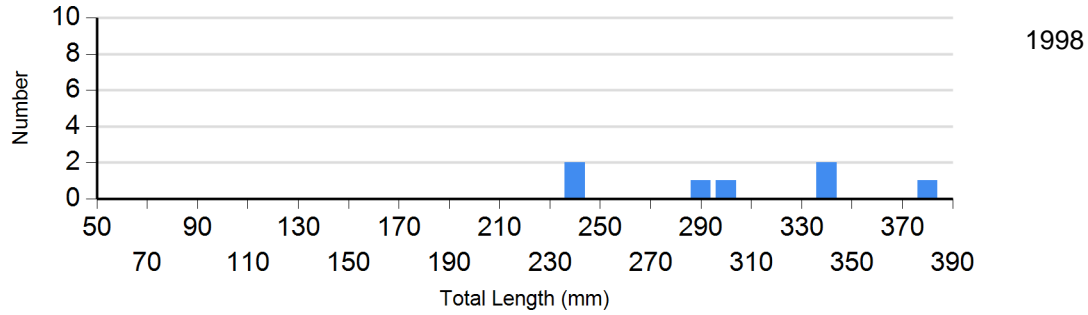
**Site:** 1717  
**Species:** Longnose Dace



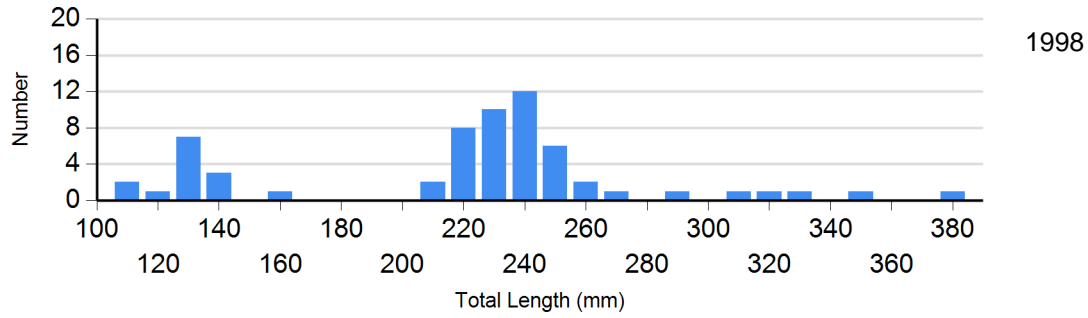
**Site: 1717**  
**Species: Rock Bass**



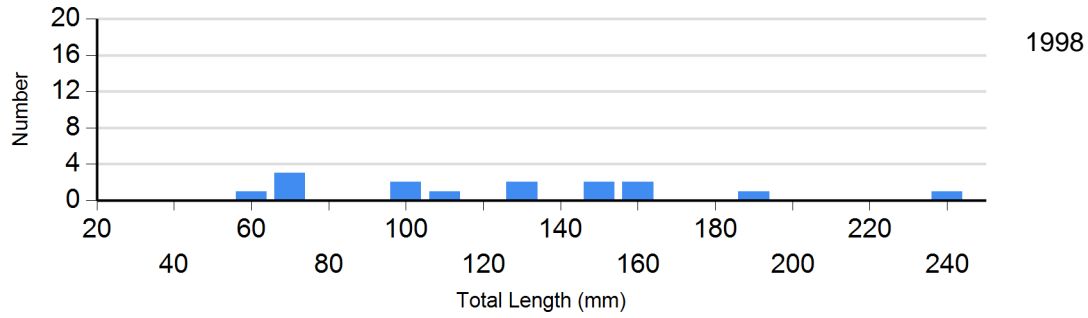
**Site: 1717**  
**Species: White Sucker**



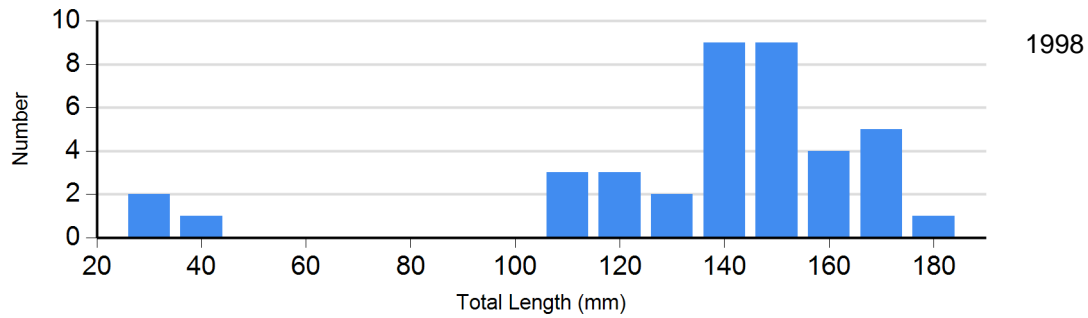
**Site: 1774**  
**Species: Brown Trout**



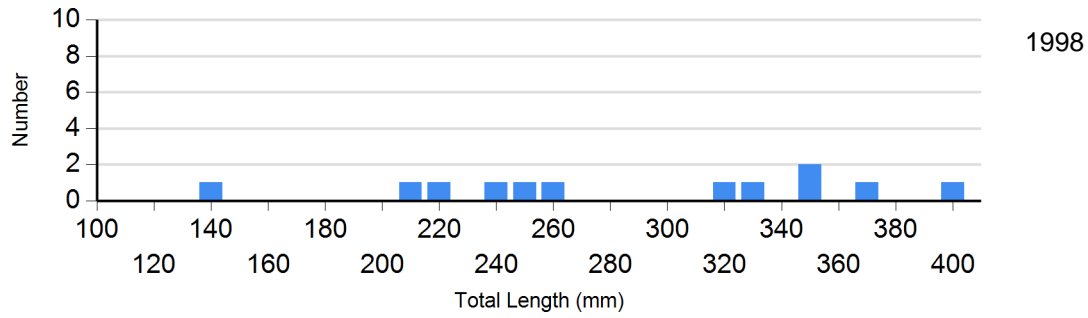
**Site: 1774**  
**Species: Creek Chub**



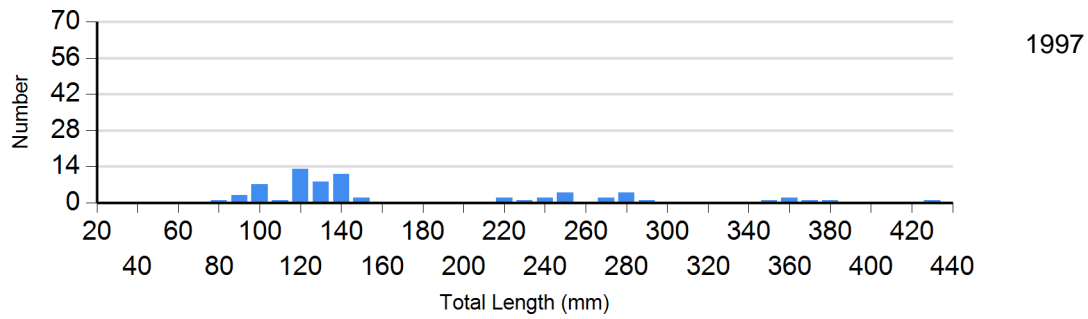
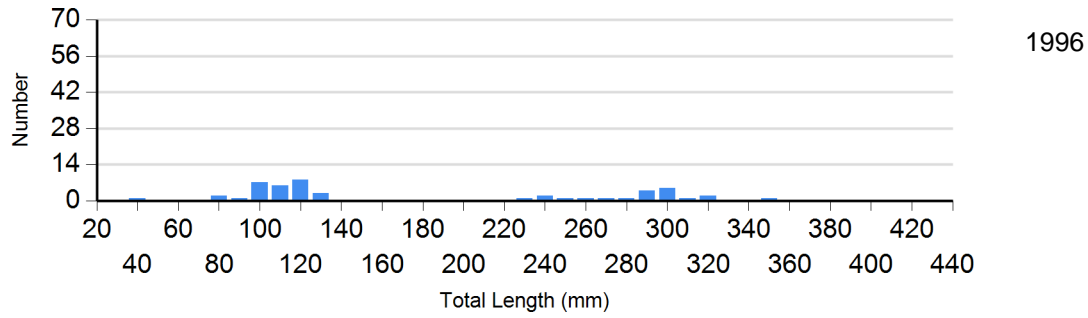
**Site: 1774**  
**Species: Rock Bass**

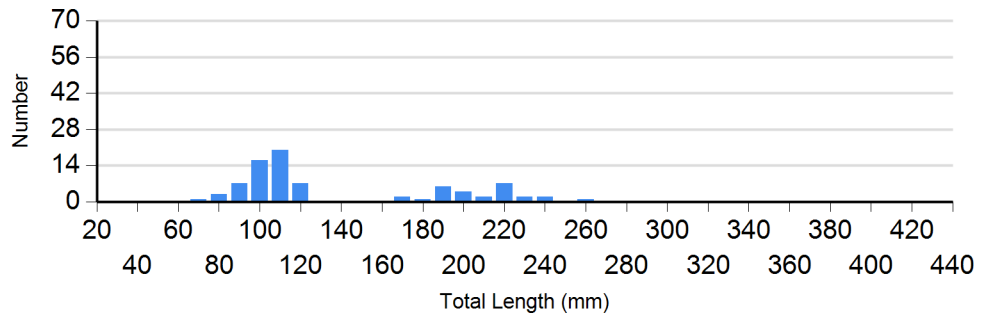


**Site: 1774**  
**Species: White Sucker**

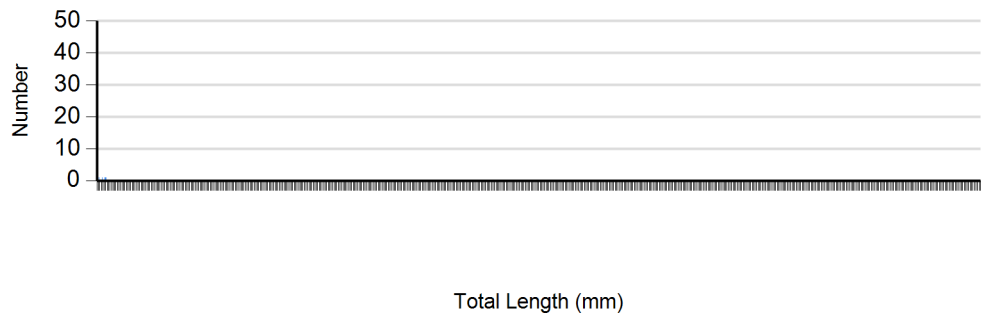
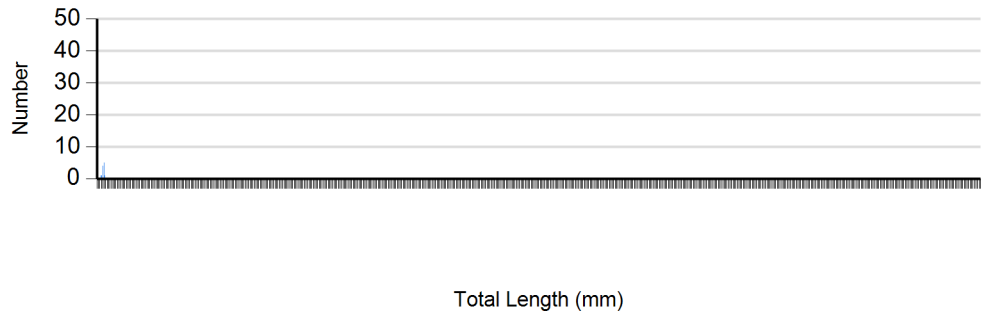
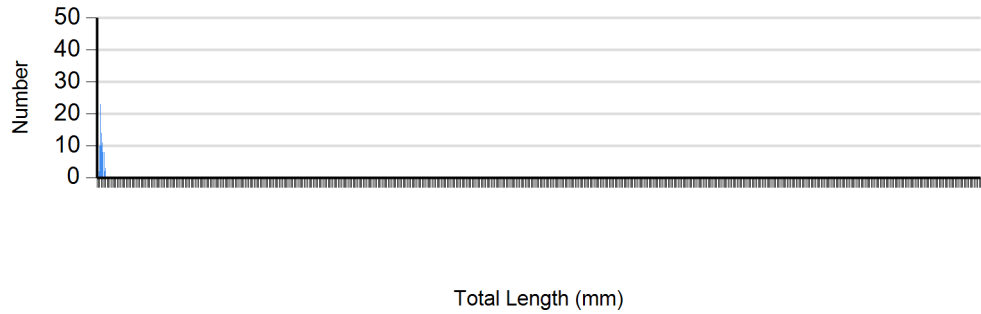


**Site: 1840**  
**Species: Brown Trout**

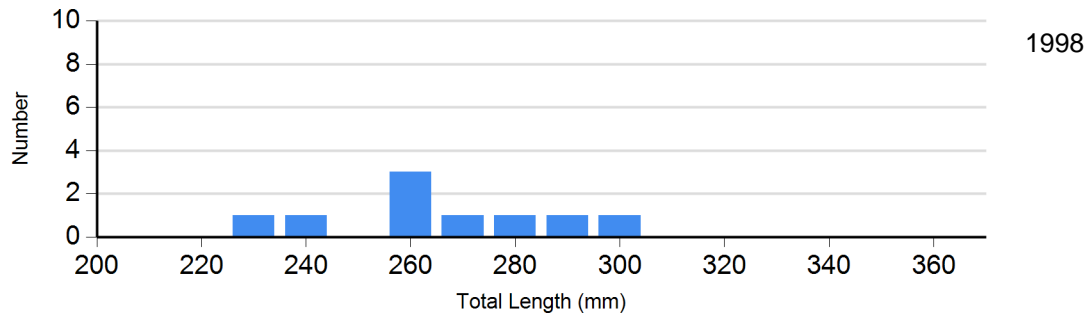
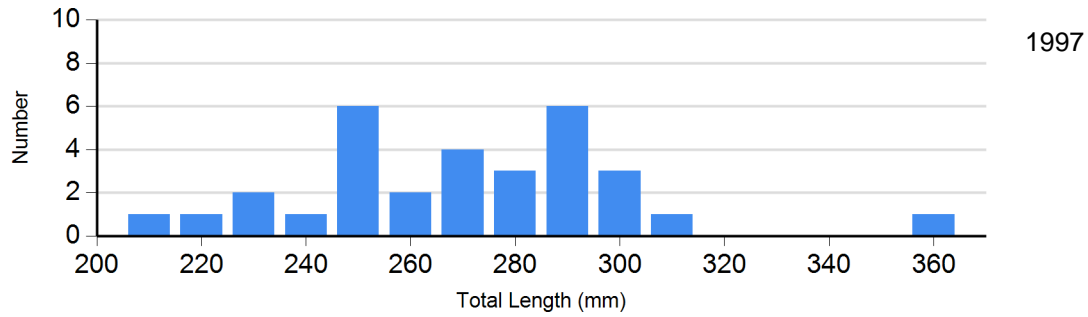
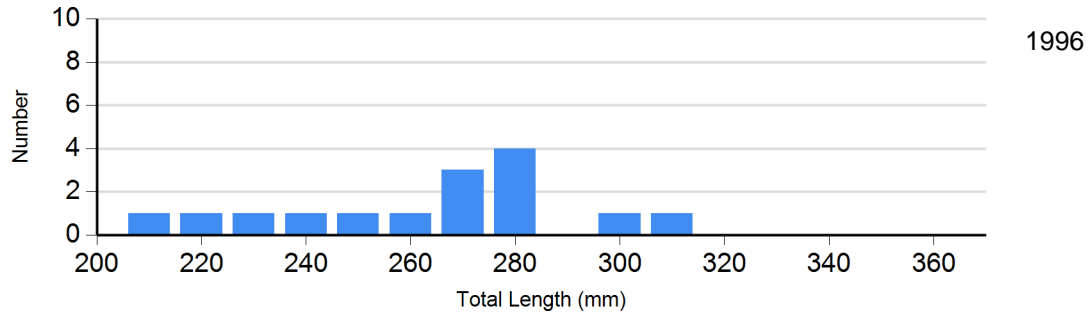




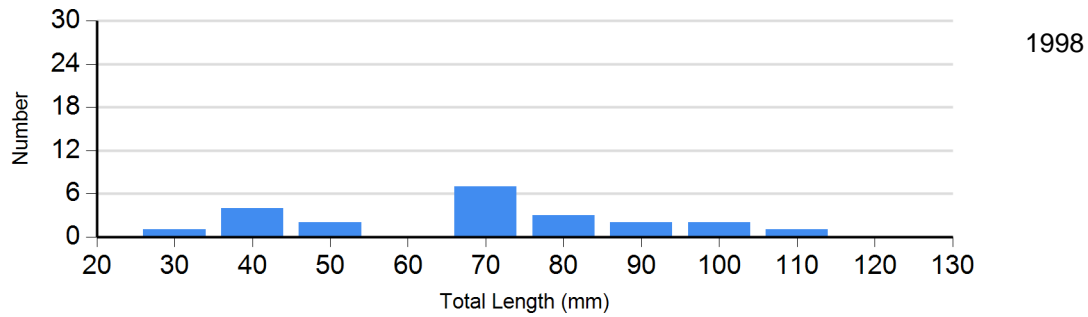
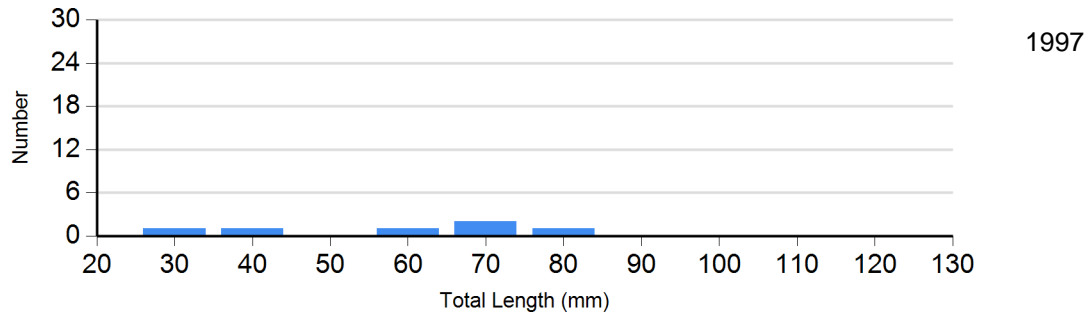
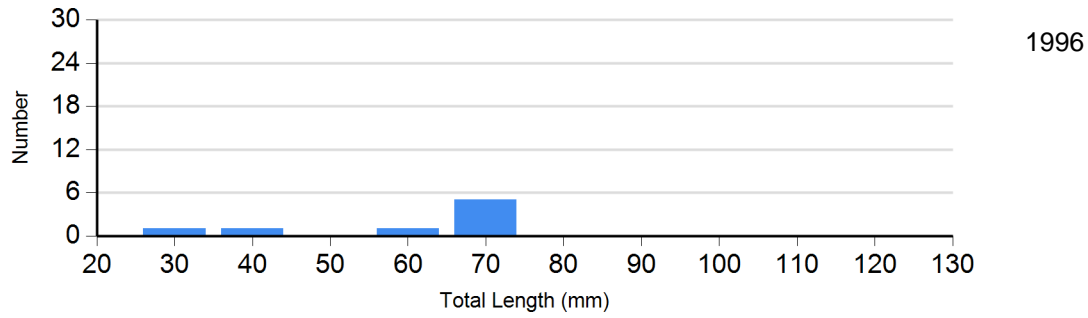
**Site:** 1840  
**Species:** Creek Chub



Site: 1840  
Species: Hatchery Brown Trout

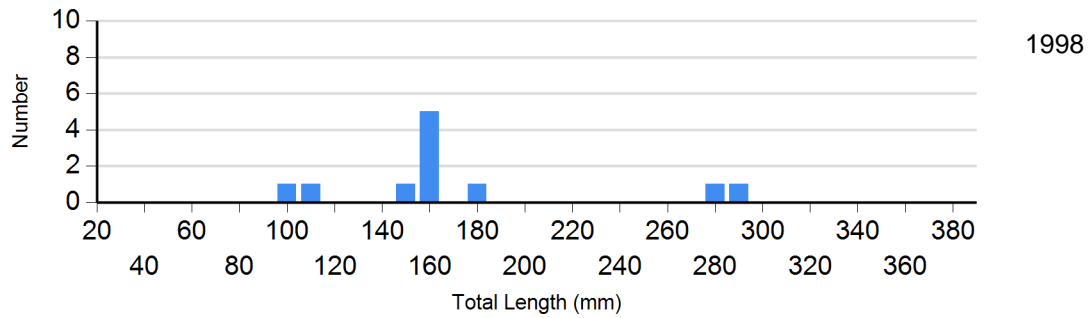
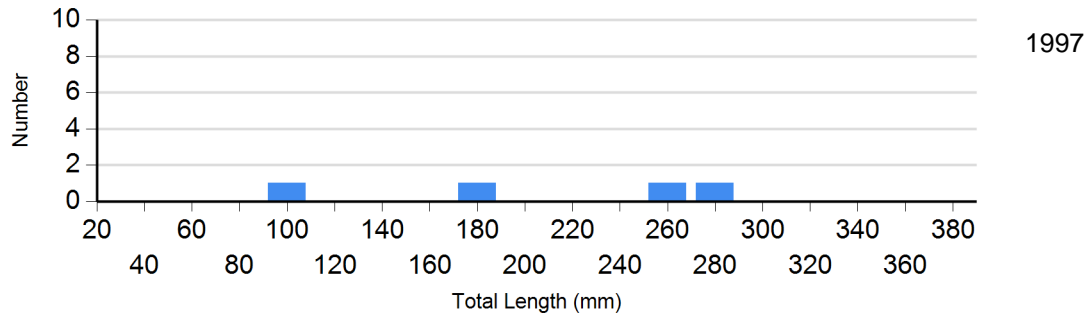
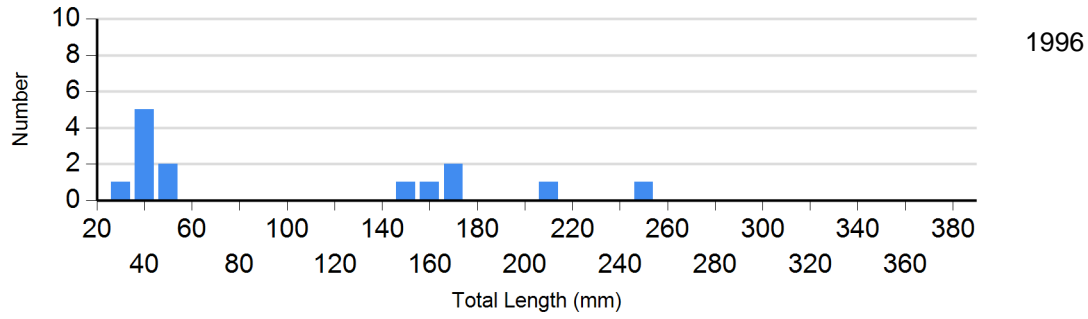


**Site:** 1840  
**Species:** Longnose Dace

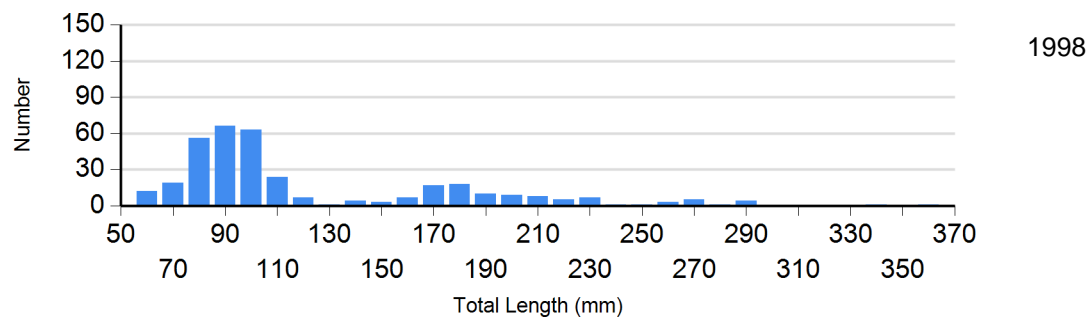
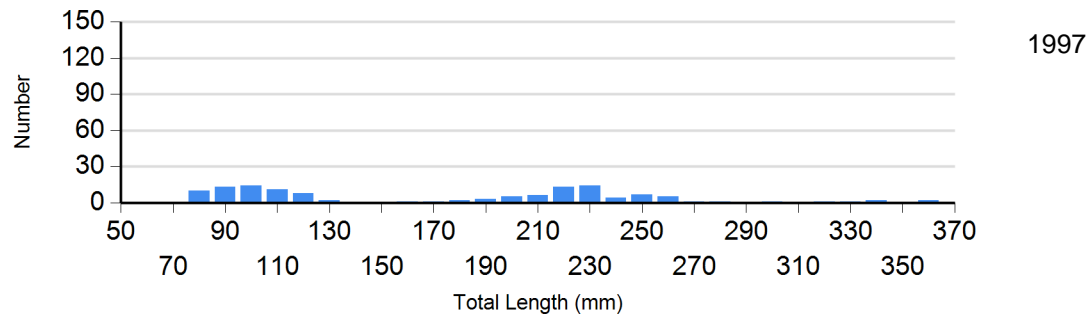
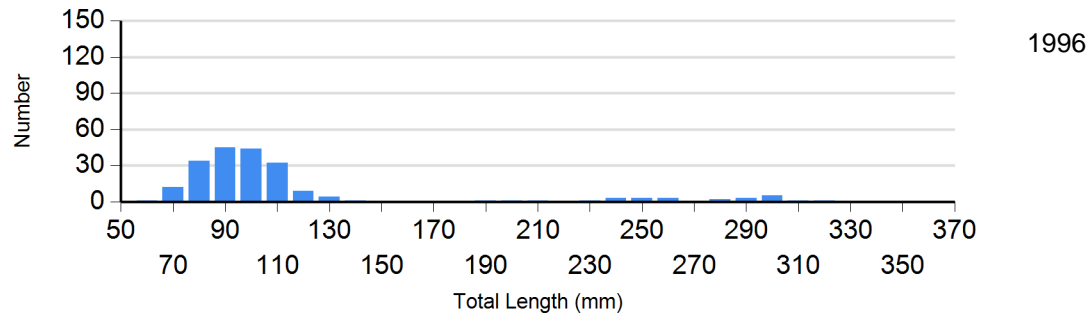
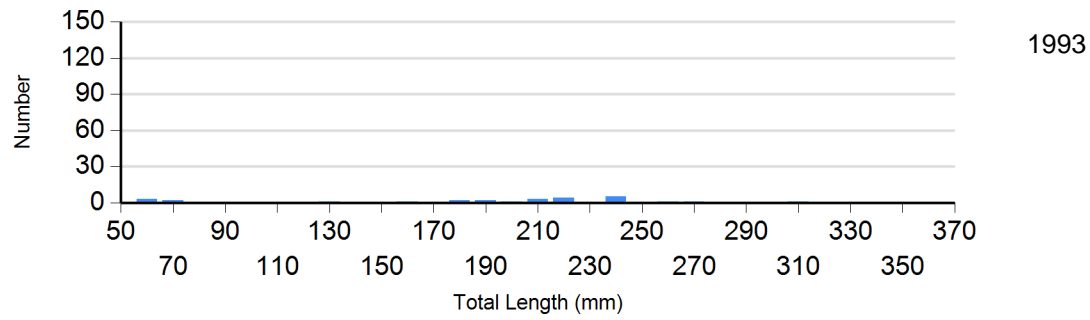




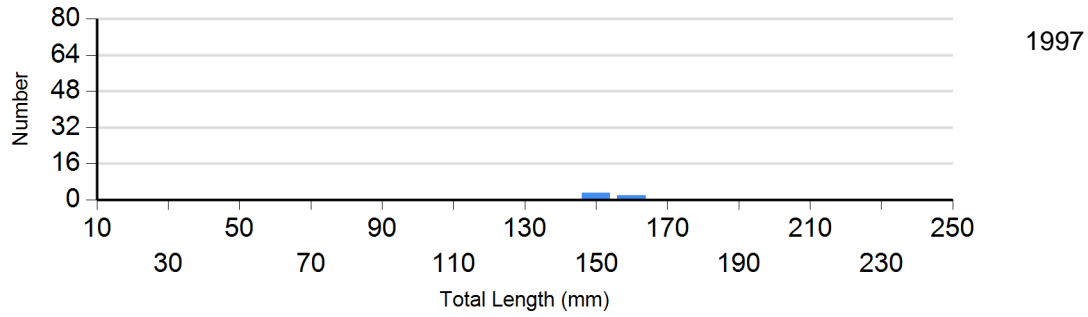
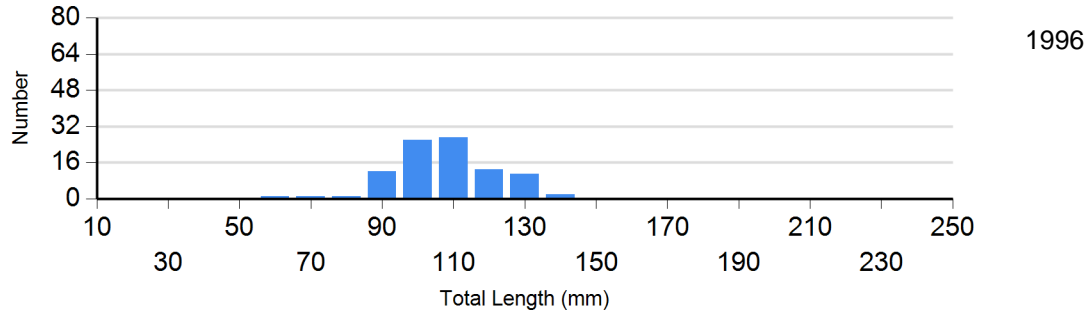
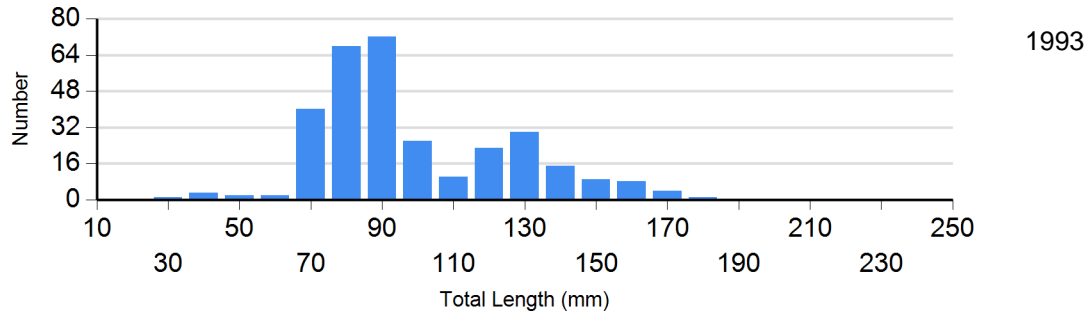
Site: 1840  
Species: White Sucker



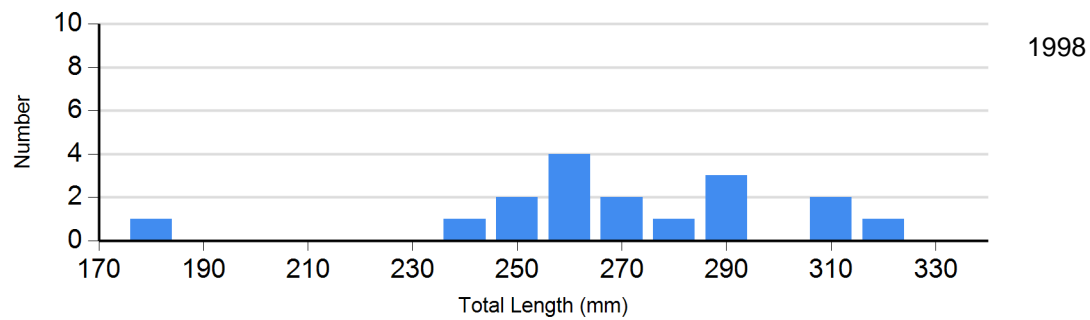
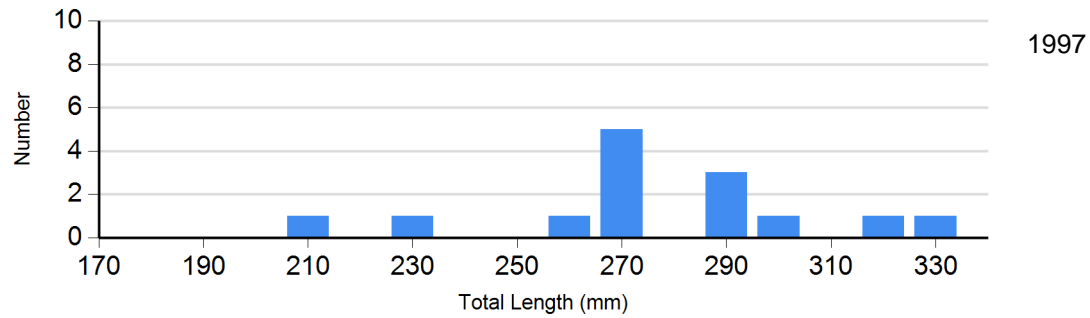
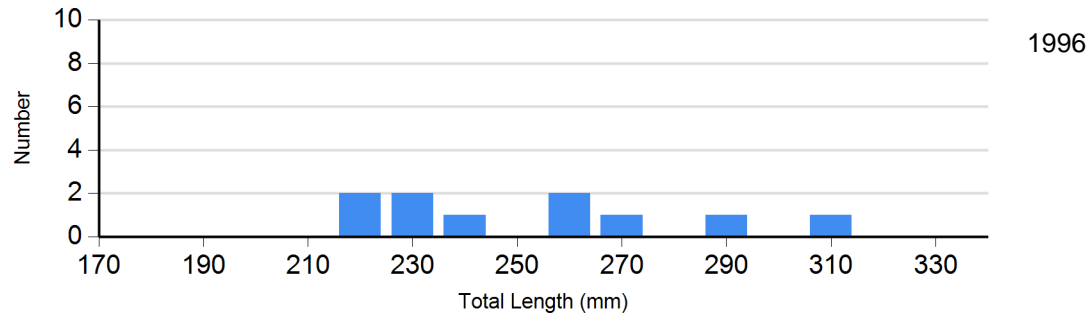
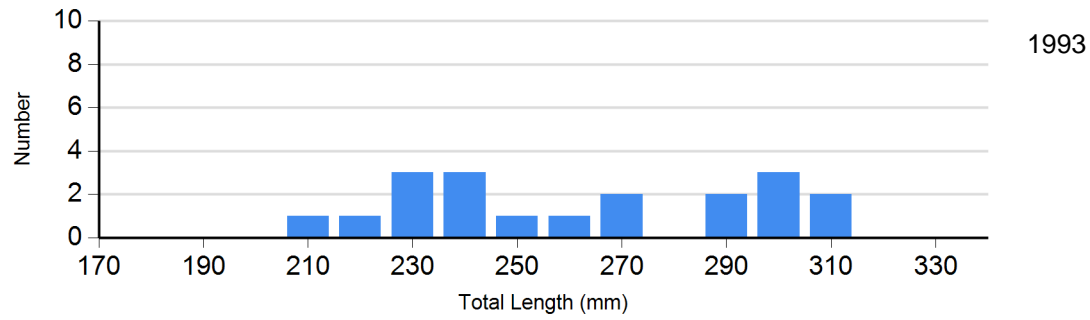
Site: 1864  
Species: Brown Trout



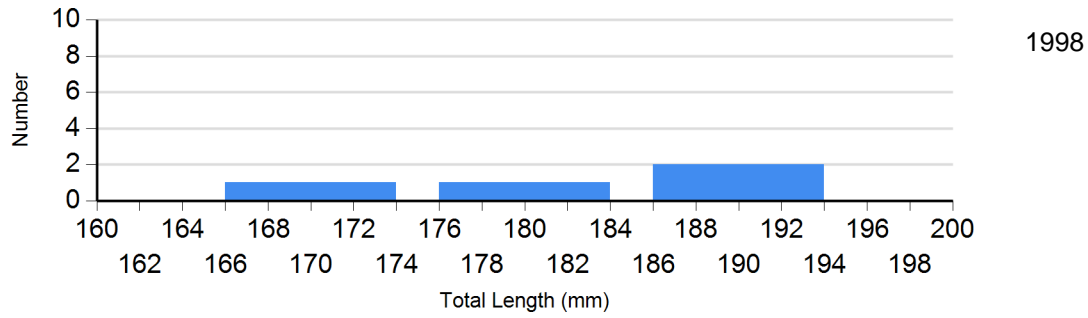
Site: 1864  
Species: Creek Chub



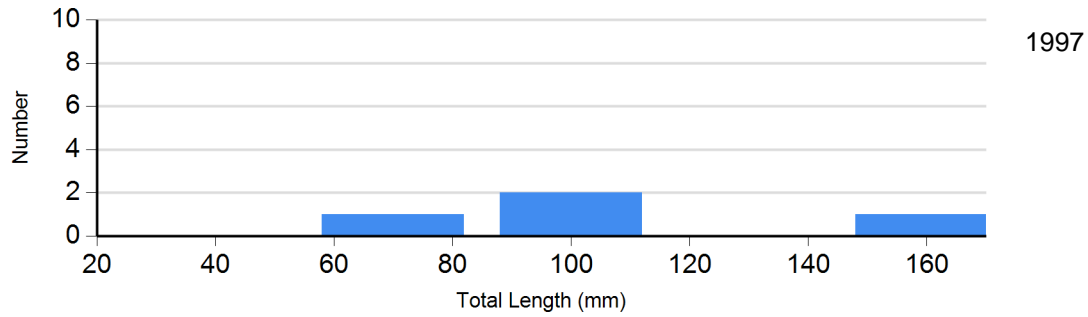
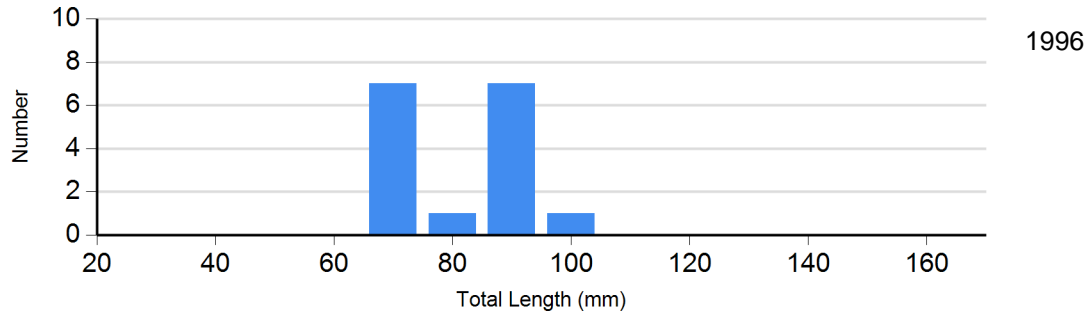
Site: 1864  
Species: Hatchery Brown Trout

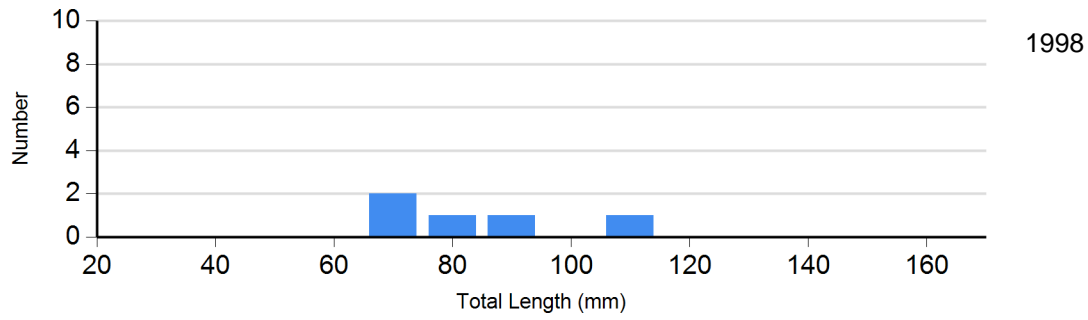


**Site:** 1864  
**Species:** Largemouth Bass

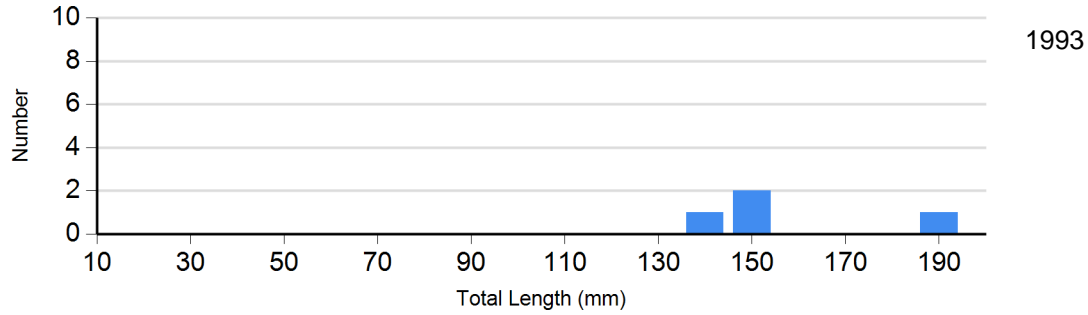


**Site:** 1864  
**Species:** Longnose Dace

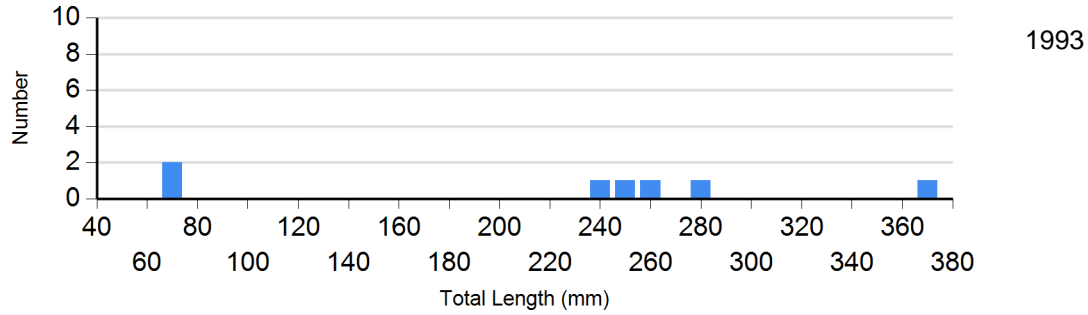


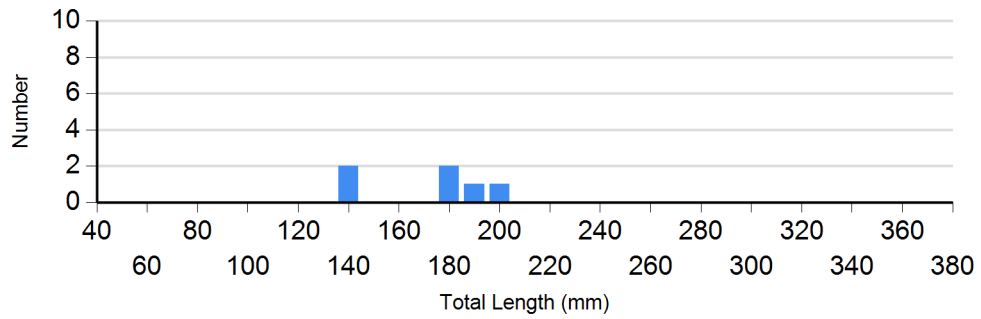
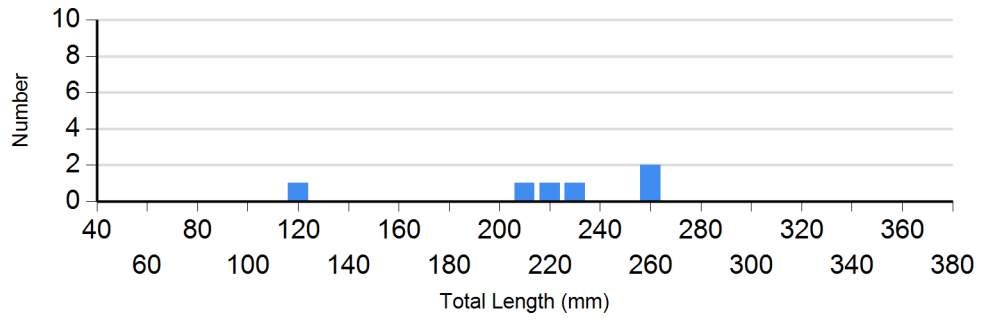
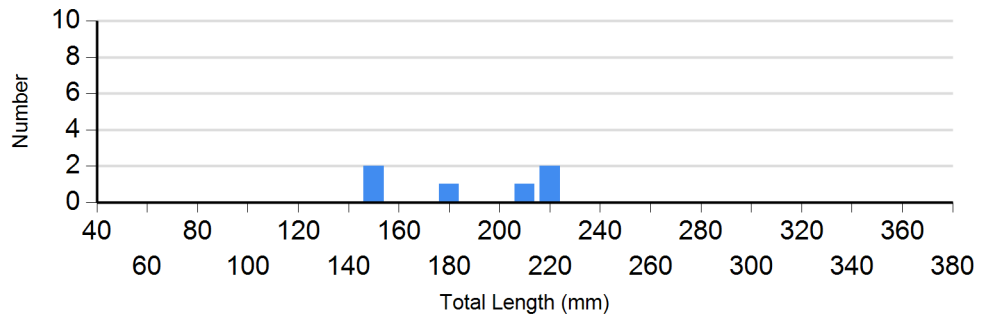


**Site:** 1864  
**Species:** Rock Bass

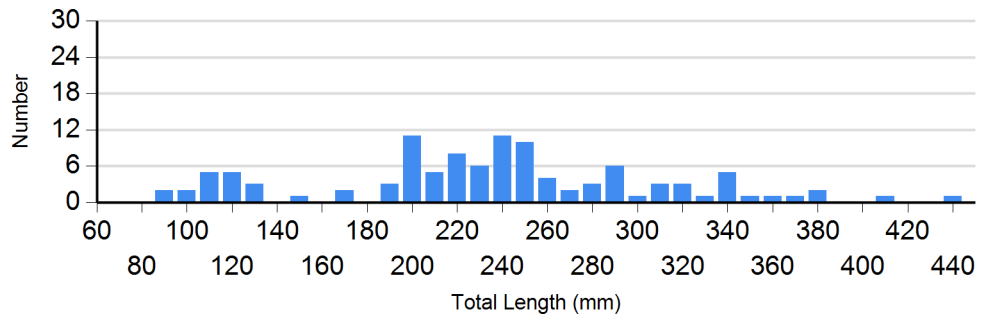


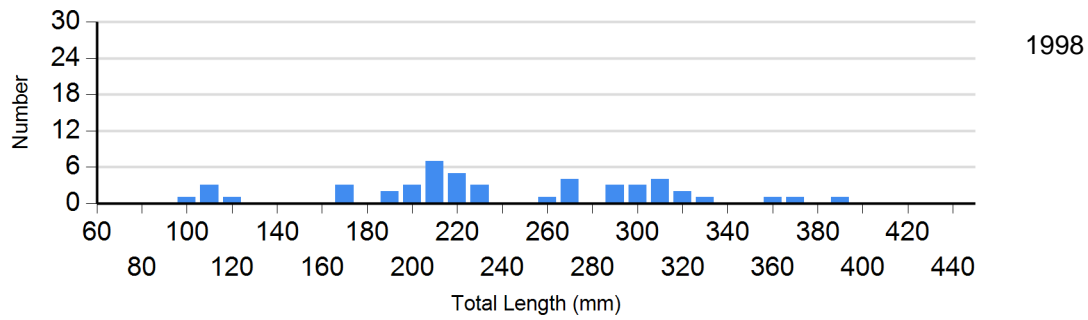
**Site:** 1864  
**Species:** White Sucker



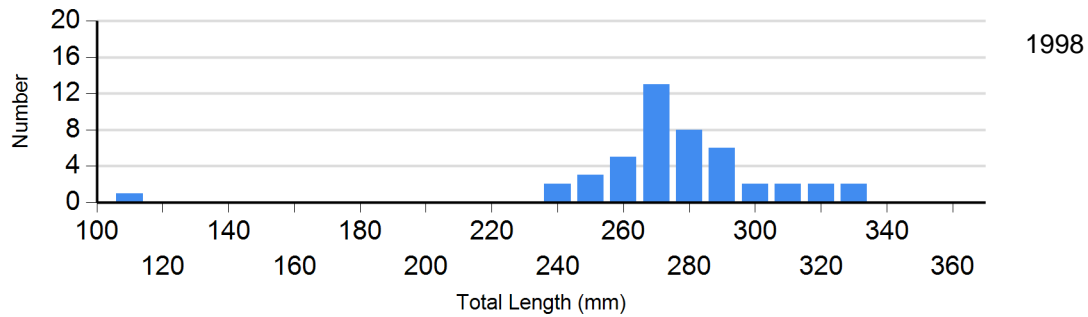
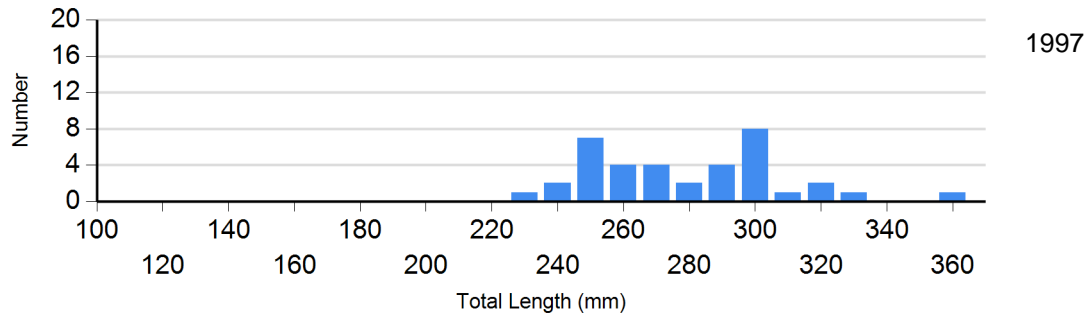


**Site:** 1885  
**Species:** Brown Trout



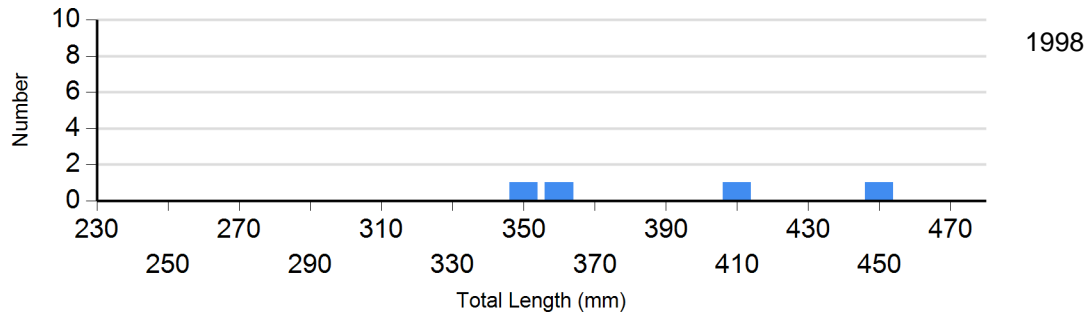
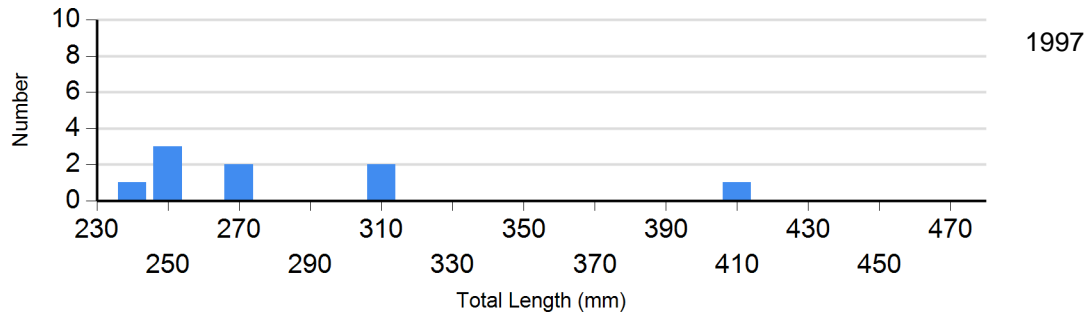


**Site:** 1885  
**Species:** Hatchery Brown Trout

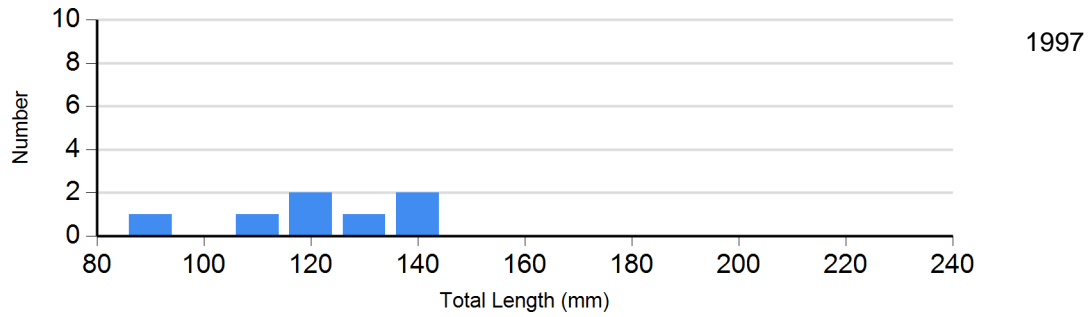


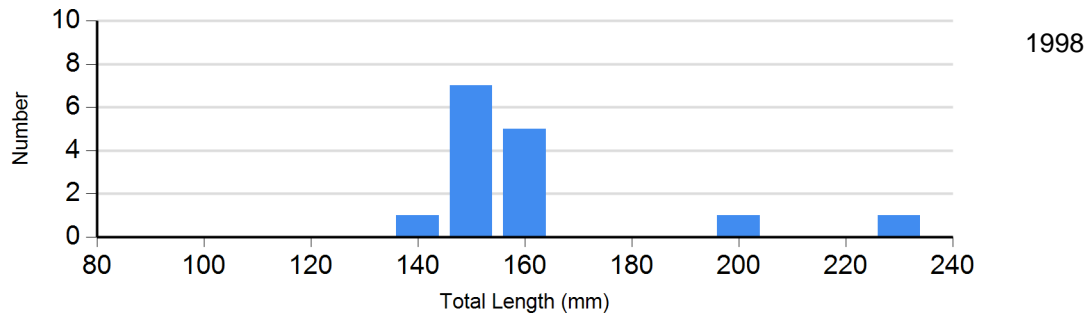


**Site: 1885**  
**Species: Hatchery Rainbow Trout**

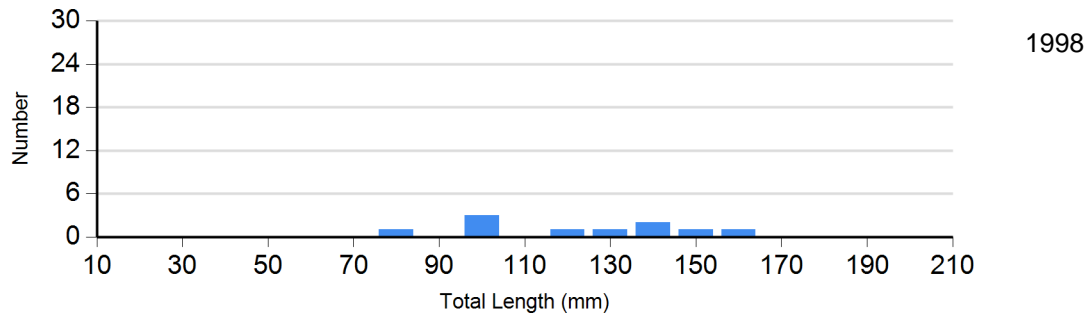
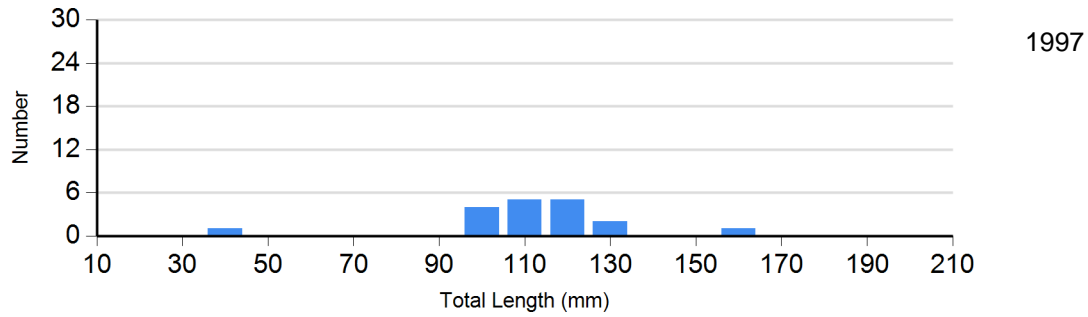


**Site: 1885**  
**Species: Largemouth Bass**

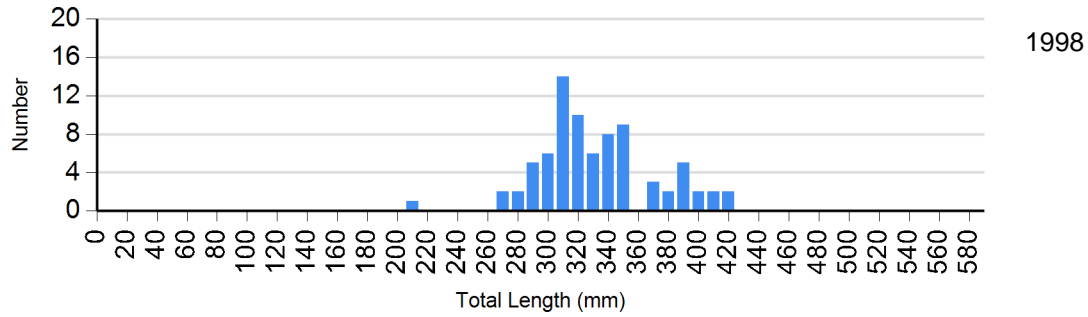
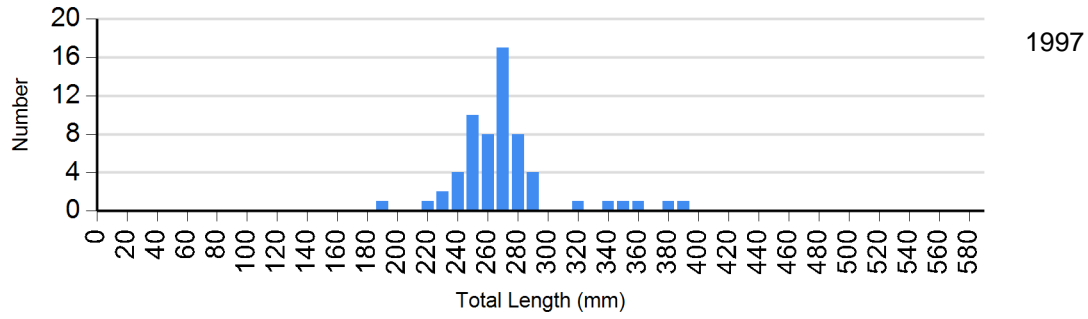




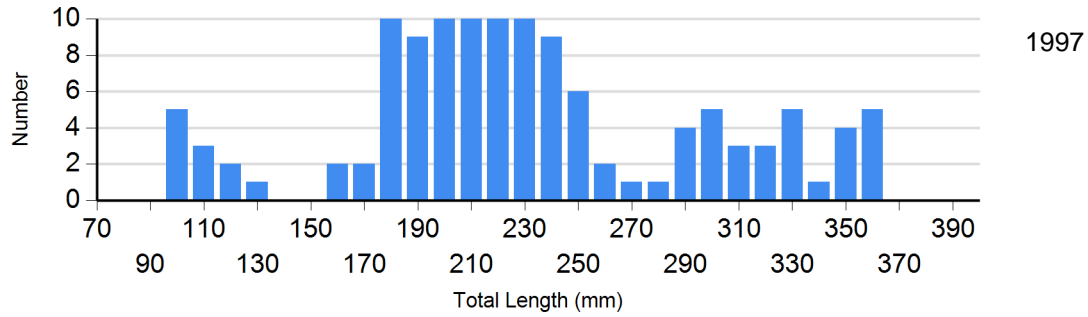
**Site:** 1885  
**Species:** Rock Bass

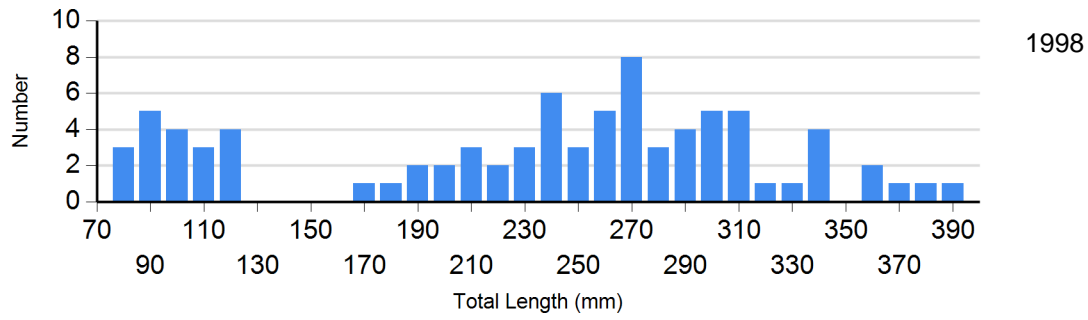


**Site: 1885**  
**Species: White Sucker**

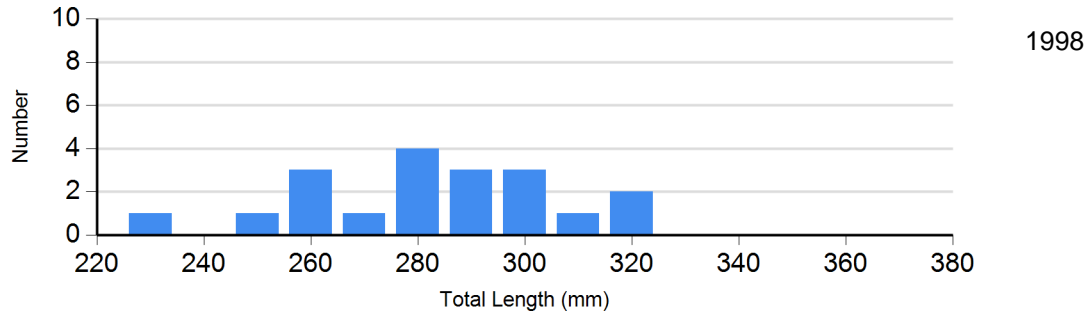
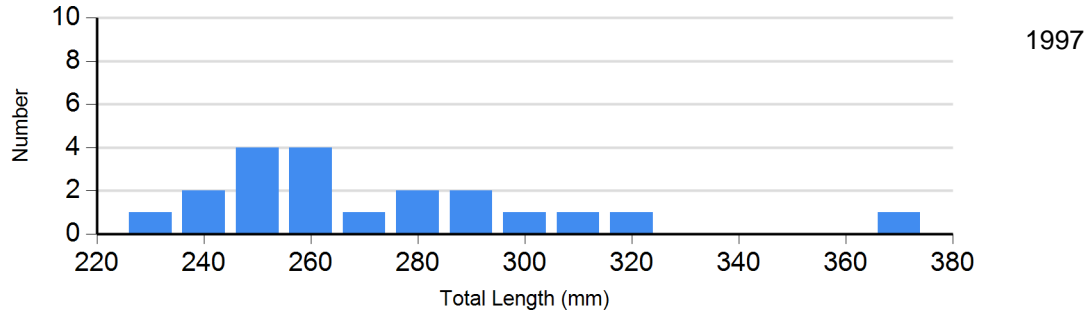


**Site: 1895**  
**Species: Brown Trout**

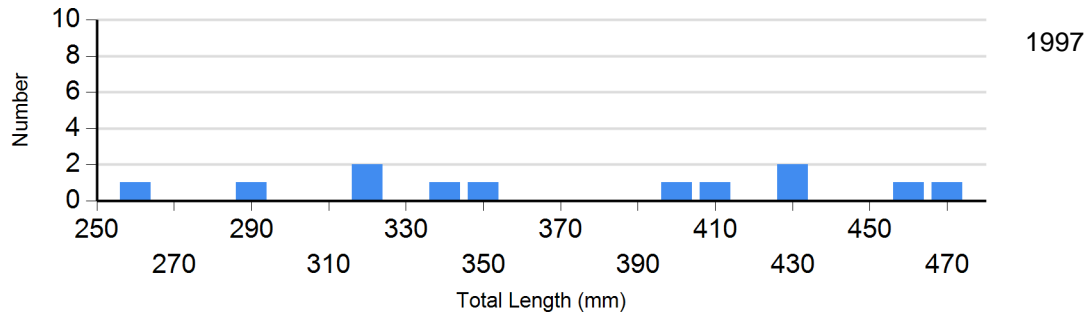




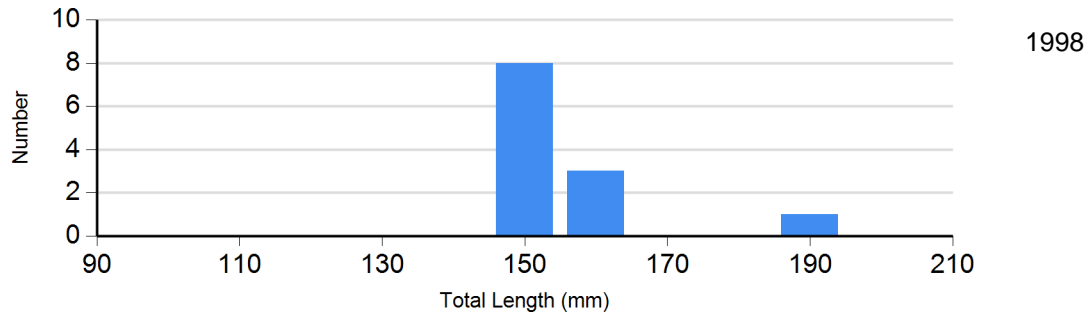
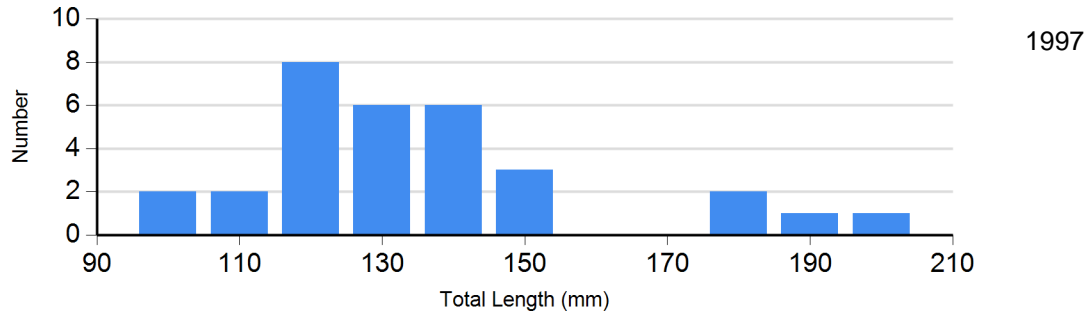
**Site:** 1895  
**Species:** Hatchery Brown Trout



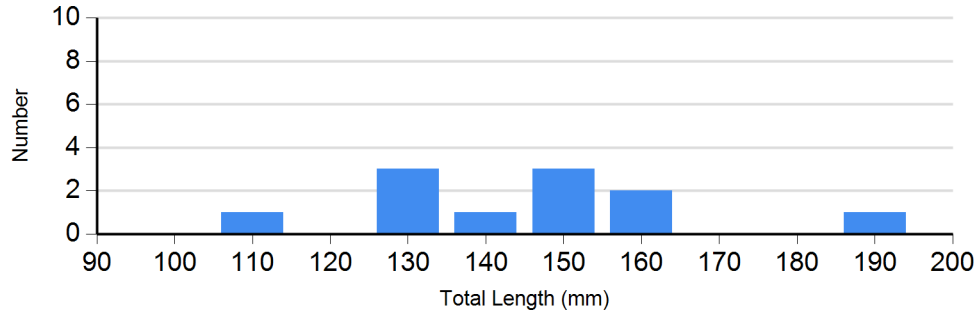
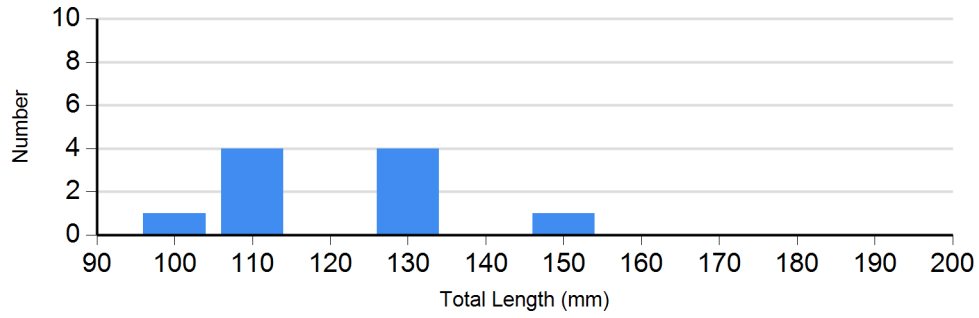
**Site:** 1895  
**Species:** Hatchery Rainbow Trout



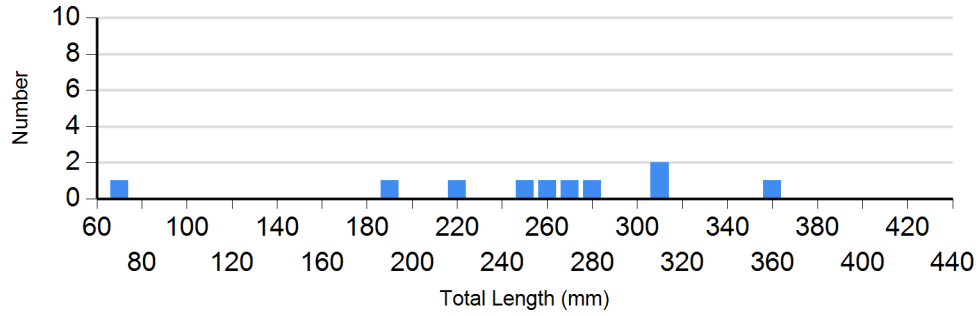
**Site:** 1895  
**Species:** Largemouth Bass

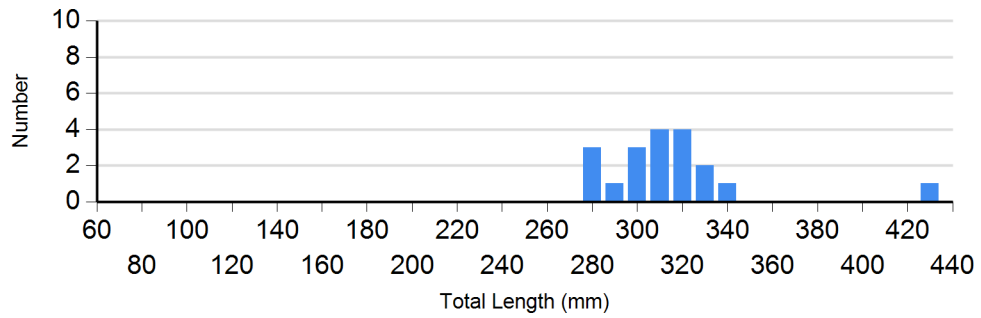


**Site:** 1895  
**Species:** Rock Bass

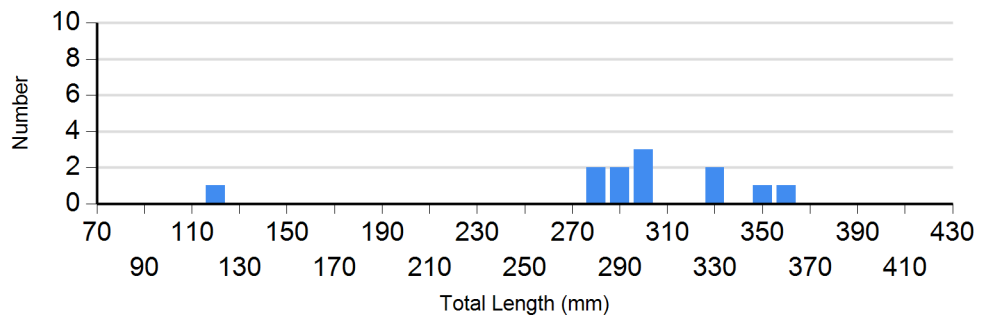
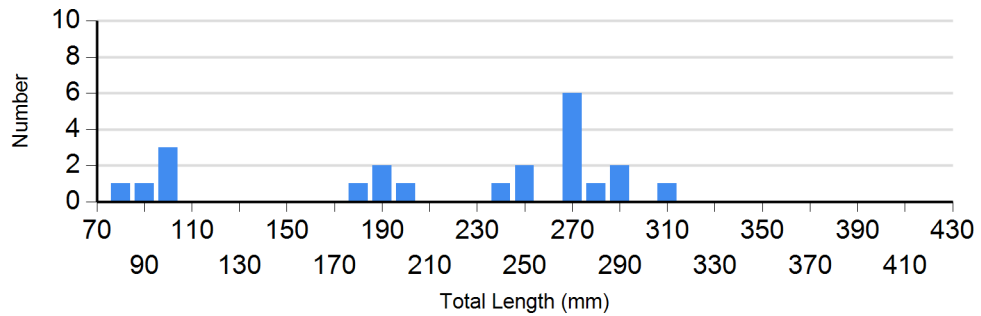
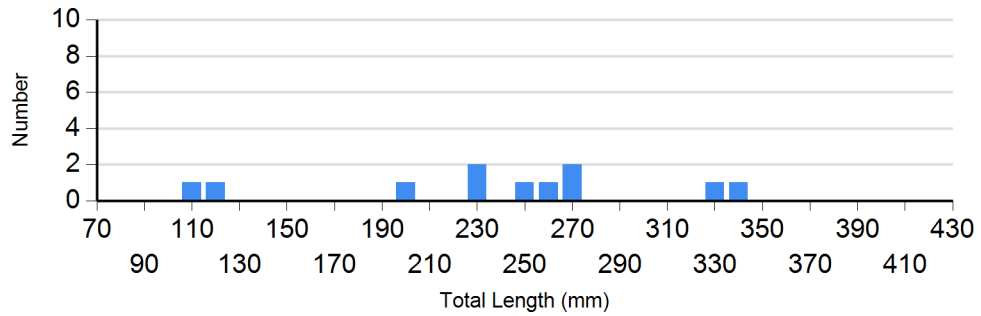


**Site:** 1895  
**Species:** White Sucker

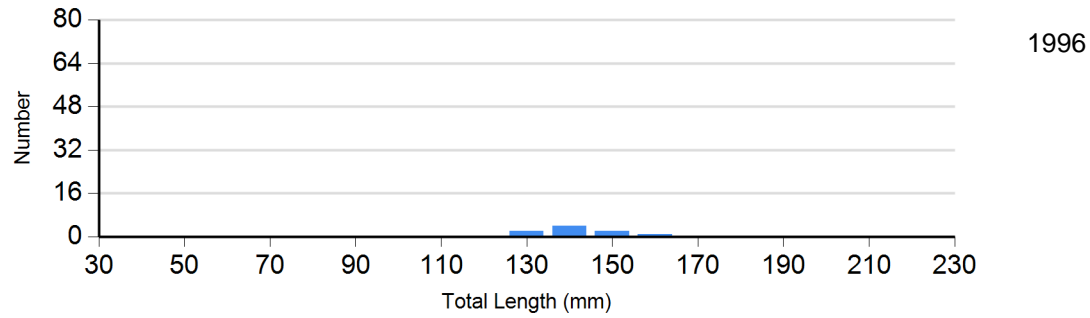
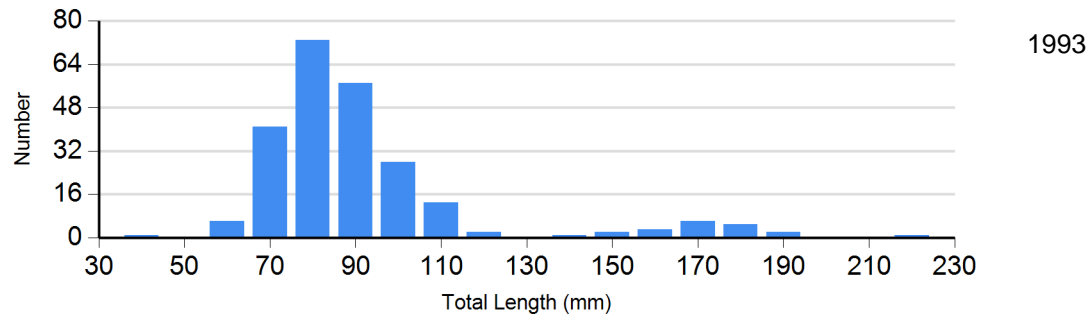




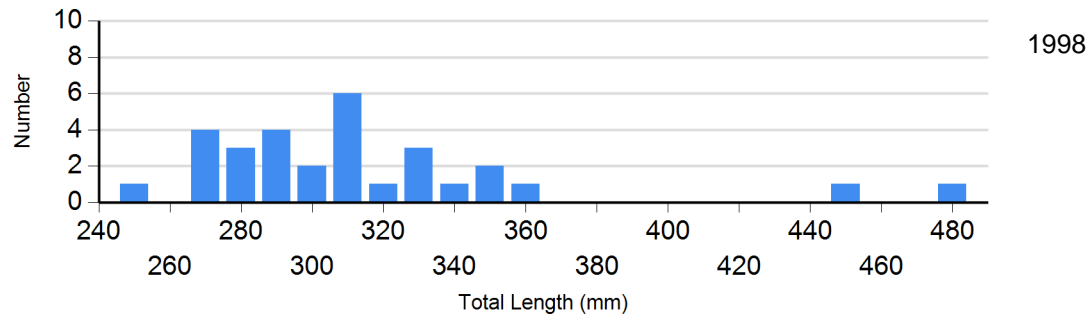
Site: 1900  
Species: Brown Trout



**Site:** 1900  
**Species:** Creek Chub

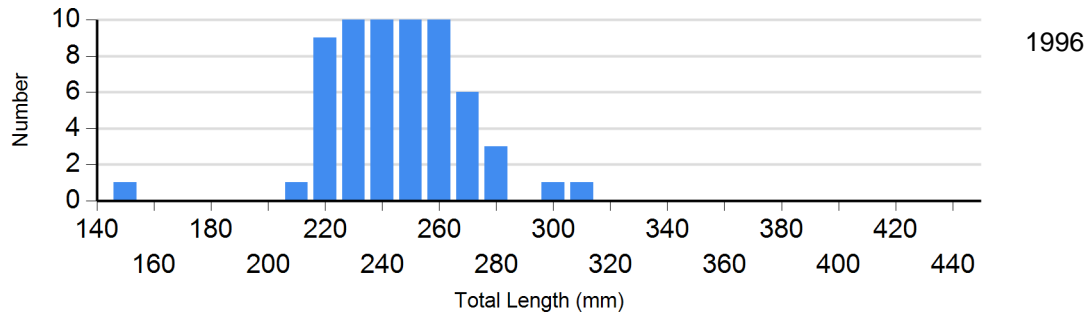
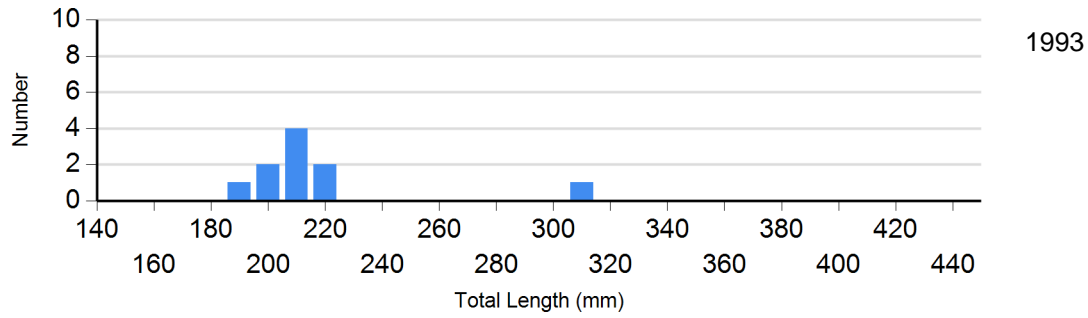


**Site:** 1900  
**Species:** Hatchery Brown Trout

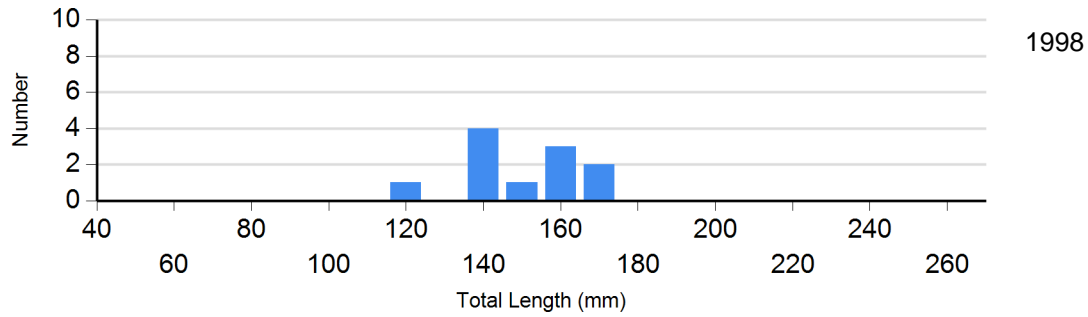




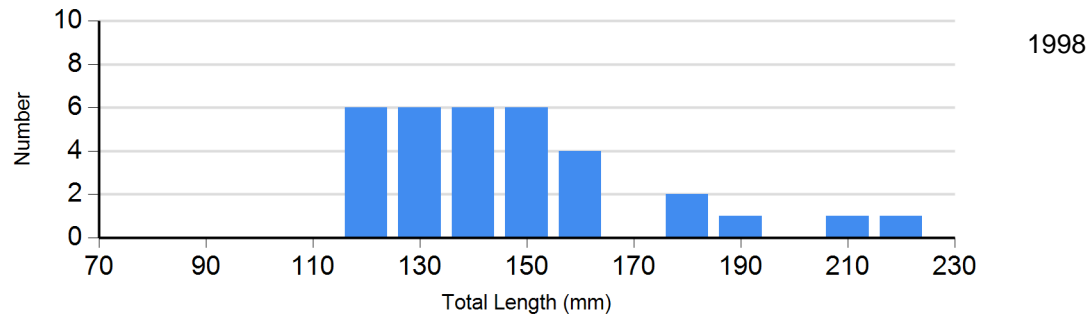
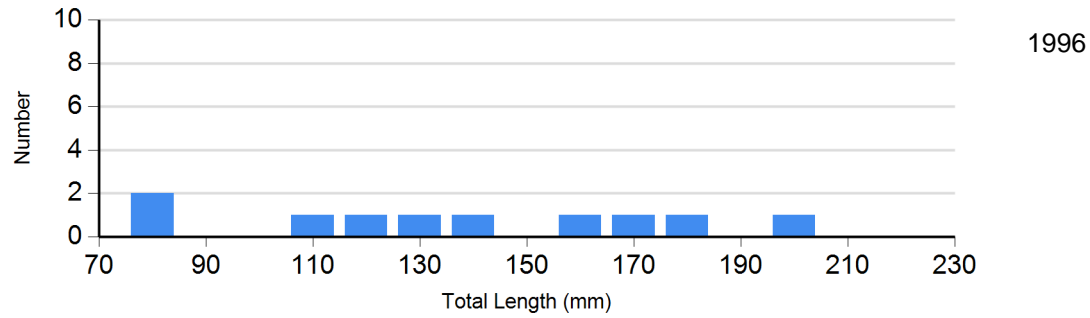
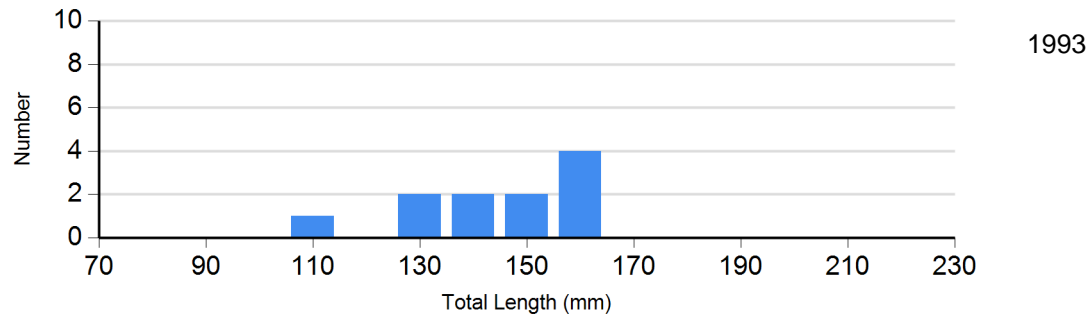
**Site:** 1900  
**Species:** Hatchery Rainbow Trout



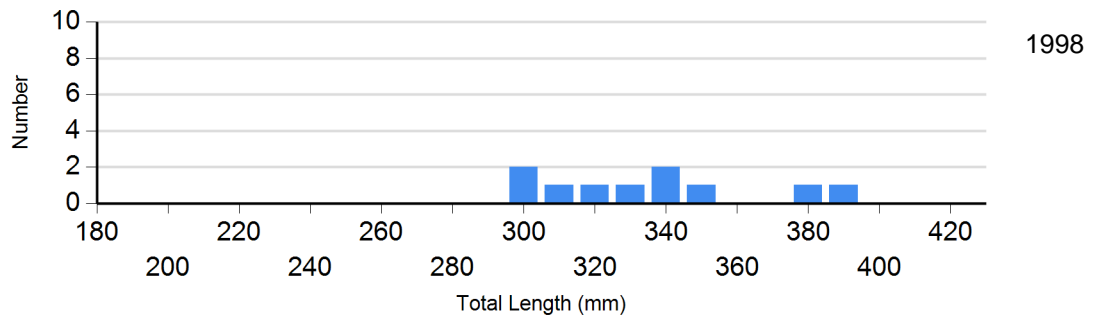
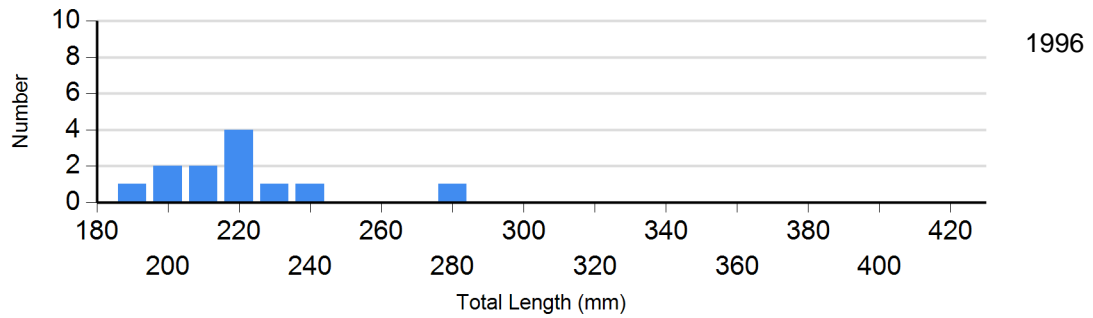
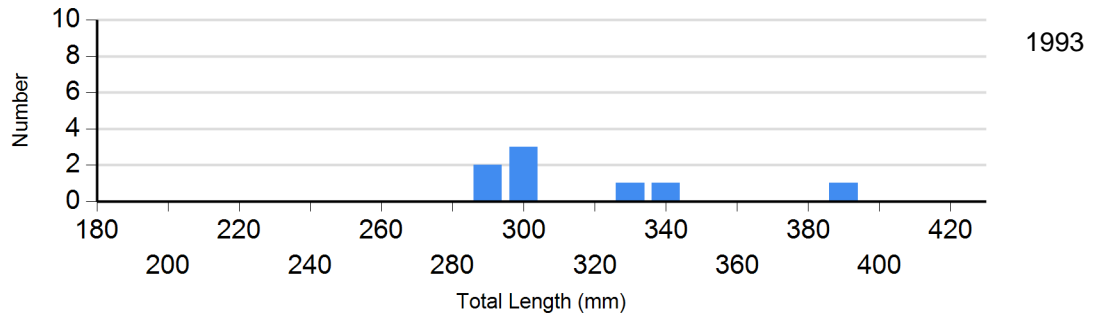
**Site:** 1900  
**Species:** Largemouth Bass



Site: 1900  
Species: Rock Bass



Site: 1900  
Species: White Sucker



Site: 1900  
Species: Yellow Perch

