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Supplemental Tables

Table S1. History of stocking striped bass into Kerr Reservoir. Regular annual stocking began in 2003-2004; Year = year of stocking, YC = year-class (unpublished data, Dan Michaelson, Virginia Department of Game and Inland Fisheries).

Year	No. stocked	**Year**	No. stocked
1980	0	**2000**	159,840
1981	0	**2001**	33,721
1982	0	**2002**	287,847
1983	0	**2003**	369,945
1984	233,503	**2004**	339,304
1985	0	**2005**	406,935
1986	67,620	**2006**	351,121
1987	0	**2007**	454,662
1988	15,403	**2008**	351,279
1989	9,624	**2009**	567,080
1990	166,284	**2010**	0
1991	0	**2011**	0
1992	45,600	**2012**	0
1993	147,660	**2013**	175,000
1994	161,523	**2014**	175,000
1995*	0	**2015**	175,840
1996	0	**2016**	140,656
1997	14,330	**2017**	225,000
1998	535,323	**2018**	267,135
1999	0	**2019**	247,905

* In 1995, 750,000 individuals were stocked unintentionally by flooding of the Vic Thomas hatchery.

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Table S2. Full locus-by-locus genetic diversity indices for each population of striped bass across the range.

Population	Locus	N	A	A_r	H_o	H_e	Allelic Range	M
Southeastern Region								
Lake Marion, SC	*MSM1095*	40	10	1.87	0.75	0.87	34	0.29
	MSM1096	40	8	1.84	0.85	0.84	22	0.35
	MSM1243	40	5	1.65	0.60	0.64	10	0.45
	MSM1526	40	9	1.82	0.60	0.78	158	0.06
	MSM1208	40	6	1.75	0.85	0.74	12	0.46
	MSM1067	40	7	1.63	0.50	0.71	207	0.03
	MSM1168	40	4	1.70	0.80	0.69	12	0.31
	MSM1139	40	9	1.80	0.70	0.83	191	0.05
	MSM1592	40	12	1.87	1.00	0.84	54	0.22
	MSM1357	40	13	1.73	0.85	0.88	263	0.05
Lake Moultrie, SC	*MSM1095*	40	10	1.74	0.60	0.74	28	0.34
	MSM1096	40	12	1.87	0.75	0.89	200	0.06
	MSM1243	40	5	1.52	0.50	0.52	10	0.45
	MSM1526	40	10	1.81	0.50	0.75	162	0.06
	MSM1208	40	6	1.58	0.45	0.68	184	0.03
	MSM1067	40	5	1.67	0.55	0.73	207	0.02
	MSM1168	40	4	1.70	0.70	0.70	12	0.31
	MSM1139	40	12	1.84	0.60	0.85	191	0.06
	MSM1592	40	10	1.82	0.80	0.85	200	0.05
	MSM1357	40	11	1.90	0.60	0.89	267	0.04
Neuse River, NC	*MSM1095*	20	7	1.82	0.80	0.82	28	0.24
	MSM1096	20	6	1.81	0.80	0.81	12	0.46
	MSM1243	20	4	1.63	0.80	0.62	8	0.44
	MSM1526	20	9	1.84	0.80	0.87	158	0.06
	MSM1208	20	7	1.78	0.80	0.82	187	0.04
	MSM1067	20	4	1.71	0.60	0.78	207	0.20
	MSM1168	20	5	1.73	1.00	0.73	18	0.26
	MSM1139	20	6	1.71	0.70	0.71	48	0.12
	MSM1592	20	11	1.91	0.90	0.71	80	0.14
	MSM1357	20	12	1.94	1.00	0.94	48	0.24

Tar River, NC	*MSM1095*	20	7	1.83	0.80	0.83	28	0.24
	MSM1096	20	5	1.77	0.80	0.77	12	0.38
	MSM1243	20	5	1.76	0.60	0.76	8	0.56
	MSM1526	20	8	1.85	0.80	0.84	158	0.05
	MSM1208	20	6	1.80	0.80	0.83	189	0.03
	MSM1067	20	4	1.58	0.50	0.66	207	0.02
	MSM1168	20	5	1.74	1.00	0.74	12	0.38
	MSM1139	20	5	1.70	0.70	0.70	34	0.14
	MSM1592	20	11	1.93	1.00	0.93	58	0.19
	MSM1357	20	10	1.88	0.90	0.88	40	0.24
Cape Fear River, NC	*MSM1095*	20	5	1.74	0.70	0.42	28	0.17
	MSM1096	20	4	1.74	0.70	0.74	14	0.27
	MSM1243	20	4	1.65	0.40	0.65	8	0.44
	MSM1526	20	3	2.00	0.10	0.19	158	0.02
	MSM1208	20	6	1.80	0.90	0.84	189	0.03
	MSM1067	20	4	1.39	0.40	0.50	207	0.02
	MSM1168	20	8	1.76	0.90	0.76	18	0.42
	MSM1139	20	9	1.84	0.80	0.84	52	0.17
	MSM1592	20	10	1.91	0.90	0.91	44	0.22
	MSM1357	20	6	1.72	0.70	0.72	28	0.21
Roanoke River, NC	*MSM1095*	60	10	1.82	0.73	0.83	196	0.05
	MSM1096	60	8	1.73	0.73	0.75	198	0.04
	MSM1243	60	6	1.71	0.63	0.71	10	0.54
	MSM1526	60	10	1.83	0.63	0.83	158	0.06
	MSM1208	60	6	1.74	0.97	0.74	10	0.54
	MSM1067	60	5	1.60	0.40	0.72	207	0.02
	MSM1168	60	6	1.62	0.83	0.62	12	0.46
	MSM1139	60	10	1.79	0.77	0.79	50	0.20
	MSM1592	60	14	1.93	0.97	0.93	50	0.27
	MSM1357	60	15	1.91	0.93	0.91	60	0.25
Roanoke River drainage, VA								
Smith Mountain Lake	*MSM1095*	222	15	1.77	0.71	0.77	196	0.08
	MSM1096	222	11	1.77	0.61	0.77	196	0.06
	MSM1243	222	8	1.57	0.37	0.59	245	0.03
	MSM1526	222	12	1.85	0.81	0.86	160	0.07
	MSM1208	222	10	1.72	0.50	0.77	195	0.05
	MSM1067	222	12	1.82	0.59	0.84	207	0.06

	MSM1168	222	10	1.57	0.70	0.58	155	0.06
	MSM1139	222	14	1.77	0.73	0.78	215	0.06
	MSM1592	222	12	1.85	0.82	0.86	212	0.06
	MSM1357	222	18	1.86	0.89	0.86	255	0.07
Leesville Lake	*MSM1095*	44	6	1.68	0.68	0.68	28	0.21
	MSM1096	44	9	1.69	0.55	0.69	40	0.22
	MSM1243	44	3	1.62	0.55	0.62	8	0.33
	MSM1526	44	6	1.76	0.50	0.76	16	0.35
	MSM1208	44	5	1.63	0.55	0.63	8	0.56
	MSM1067	44	3	1.67	0.95	0.67	18	0.16
	MSM1168	44	8	1.66	0.50	0.66	16	0.47
	MSM1139	44	6	1.75	0.59	0.75	60	0.10
	MSM1592	44	9	1.89	0.95	0.89	44	0.20
	MSM1357	44	7	1.79	0.91	0.79	32	0.21
Staunton River	*MSM1095*	120	8	1.81	0.70	0.81	14	0.53
	MSM1096	120	8	1.74	0.68	0.74	28	0.28
	MSM1243	120	5	1.57	0.58	0.58	245	0.02
	MSM1526	120	10	1.79	0.82	0.81	158	0.06
	MSM1208	120	13	1.81	0.45	0.84	199	0.07
	MSM1067	120	12	1.85	0.53	0.87	207	0.06
	MSM1168	120	4	1.46	0.42	0.46	14	0.27
	MSM1139	120	9	1.71	0.57	0.71	62	0.14
	MSM1592	120	12	1.84	0.63	0.74	50	0.24
	MSM1357	120	14	1.87	0.82	0.87	44	0.31
Kerr Reservoir	*MSM1095*	402	12	1.81	0.64	0.83	198	0.06
	MSM1096	402	12	1.76	0.62	0.7	196	0.06
	MSM1243	402	7	1.60	0.59	0.64	245	0.03
	MSM1526	402	14	1.86	0.80	0.87	158	0.09
	MSM1208	402	10	1.74	0.55	0.76	195	0.05
	MSM1067	402	9	1.84	0.55	0.86	207	0.04
	MSM1168	402	9	1.59	0.69	0.59	16	0.53
	MSM1139	402	16	1.74	0.67	0.75	215	0.07
	MSM1592	402	17	1.83	0.82	0.84	216	0.08
	MSM1357	402	17	1.86	0.77	0.87	257	0.07

Lake Gaston	*MSM1095*	78	10	1.76	0.67	0.78	194	0.05
	MSM1096	78	10	1.75	0.67	0.76	200	0.05
	MSM1243	78	6	1.62	0.54	0.64	273	0.02
	MSM1526	78	11	1.76	0.62	0.75	24	0.44
	MSM1208	78	9	1.77	0.64	0.78	195	0.05
	MSM1067	78	7	1.70	0.74	0.70	24	0.28
	MSM1168	78	10	1.62	0.44	0.61	22	0.43
	MSM1139	78	11	1.76	0.62	0.76	40	0.27
	MSM1592	78	15	1.91	0.95	0.91	224	0.07
	MSM1357	78	12	1.88	0.82	0.88	44	0.27
Roanoke Rapids	*MSM1095*	52	8	1.81	0.54	0.81	28	0.28
	MSM1096	52	7	1.70	0.69	0.70	14	0.47
	MSM1243	52	4	1.65	0.42	0.65	8	0.44
	MSM1526	52	7	1.81	0.54	0.81	18	0.37
	MSM1208	52	7	1.67	0.73	069	193	0.04
	MSM1067	52	4	1.68	0.88	0.68	18	0.21
	MSM1168	52	7	1.55	0.35	0.55	16	0.41
	MSM1139	52	8	1.73	0.69	0.73	40	0.20
	MSM1592	52	15	1.92	0.88	0.92	58	0.25
	MSM1357	52	13	1.88	0.85	0.88	48	0.27
Chesapeake Bay								
James River	*MSM1095*	138	15	1.81	0.68	0.82	196	0.08
	MSM1096	138	16	1.88	0.52	0.89	204	0.08
	MSM1243	138	11	1.73	0.74	0.74	247	0.04
	MSM1526	138	24	1.88	0.78	0.88	108	0.22
	MSM1208	138	23	1.93	0.78	0.84	221	0.10
	MSM1067	138	12	1.79	0.90	0.79	32	0.36
	MSM1168	138	7	1.66	0.72	0.66	16	0.41
	MSM1139	138	17	1.89	0.72	0.89	62	0.27
	MSM1592	138	25	1.93	0.84	0.93	242	0.10
	MSM1357	138	24	1.94	0.80	0.95	263	0.09
Chickahominy River	*MSM1095*	22	7	1.79	0.82	0.79	32	0.21
	MSM1096	22	8	1.86	0.91	0.86	16	0.47
	MSM1243	22	10	1.91	0.73	0.91	247	0.04
	MSM1526	22	7	1.75	0.55	0.75	30	0.23
	MSM1208	22	10	1.94	0.91	0.94	58	0.17
	MSM1067	22	5	1.77	0.91	0.77	14	0.33
	MSM1168	22	4	1.40	0.45	0.40	12	0.31

	MSM1139	22	7	1.77	0.55	0.77	32	0.21
	MSM1592	22	9	1.91	0.91	0.91	56	0.16
	MSM1357	22	12	1.94	0.64	0.94	54	0.22
Rappahannock River	*MSM1095*	252	11	1.79	0.77	0.79	28	0.38
	MSM1096	252	8	1.65	0.66	0.65	24	0.32
	MSM1243	252	6	1.65	0.66	0.66	245	0.02
	MSM1526	252	16	1.90	0.79	0.91	158	0.10
	MSM1208	252	10	1.79	0.81	0.79	193	0.05
	MSM1067	252	12	1.76	0.89	0.76	30	0.39
	MSM1168	252	13	1.76	0.92	0.76	26	0.48
	MSM1139	252	15	1.81	0.87	0.81	66	0.22
	MSM1592	252	22	1.93	0.90	0.93	80	0.27
	MSM1357	252	22	1.91	0.89	0.91	64	0.34
Hudson River, NY	*MSM1095*	144	13	1.84	0.79	0.85	196	0.07
	MSM1096	144	10	1.69	0.60	0.73	198	0.05
	MSM1243	144	8	1.72	0.63	0.77	247	0.03
	MSM1526	144	12	1.86	0.44	0.77	158	0.08
	MSM1208	144	9	1.80	0.61	0.82	189	0.05
	MSM1067	144	7	1.72	0.50	0.77	207	0.03
	MSM1168	144	11	1.73	0.88	0.78	153	0.07
	MSM1139	144	16	1.85	0.81	0.75	219	0.07
	MSM1592	144	20	1.92	0.93	0.92	234	0.09
	MSM1357	144	18	1.90	0.83	0.90	271	0.07

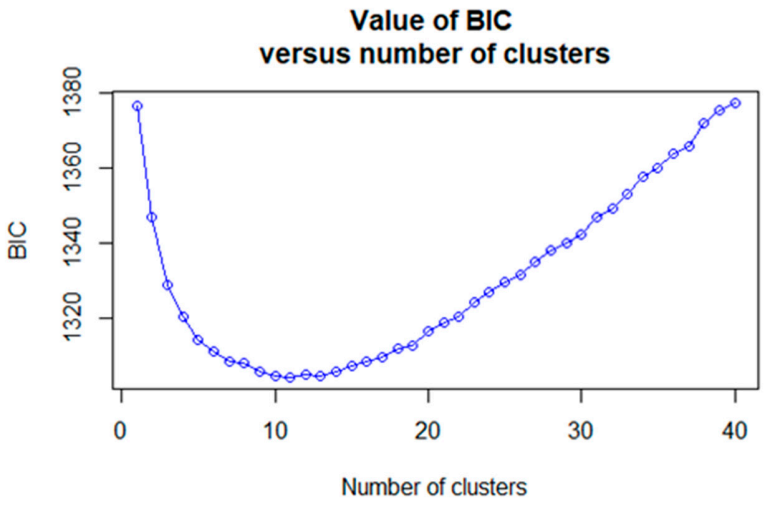

Figure S1. Bayesian information criterion (*BIC*) for given numbers of discriminant analysis of principal components clusters of striped bass for all collections.

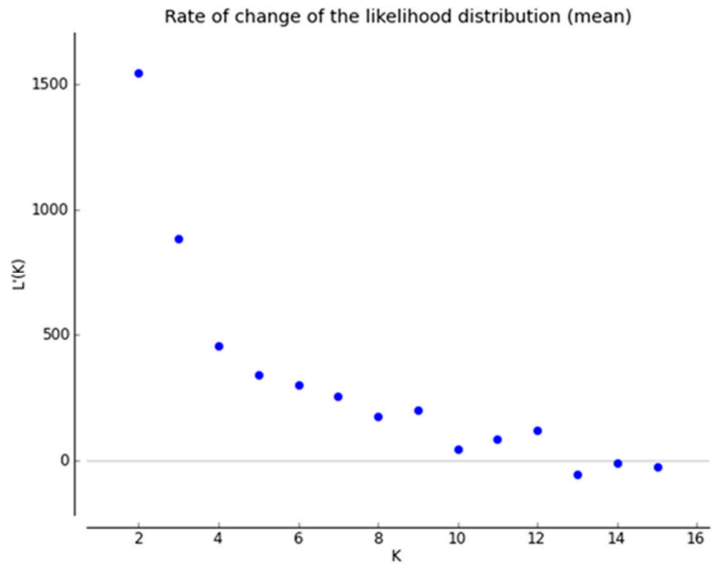

Figure S2. STRUCTURE Harvester plot showing Δ*K* for each number of clusters, as per Evanno et al. [2005 = 38] method for all striped bass collections.

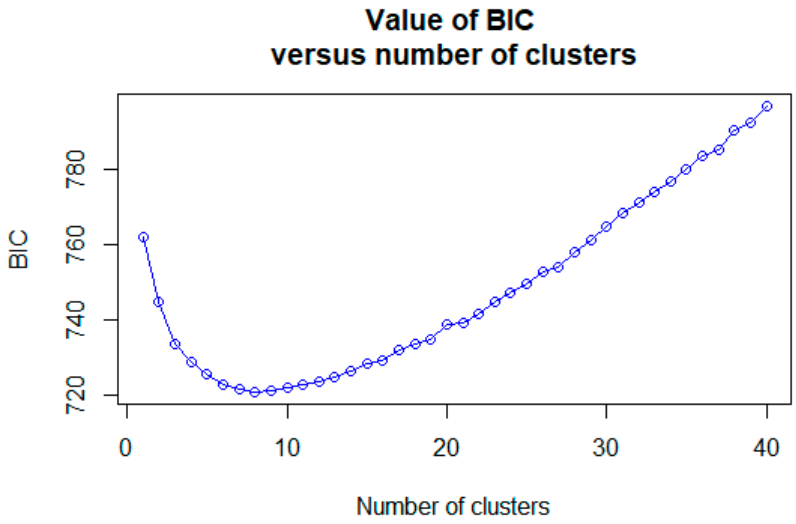

Figure S3. Bayesian information criterion (*BIC*) for given numbers of discriminant analysis of principal components clusters of striped bass for Roanoke basin collections.

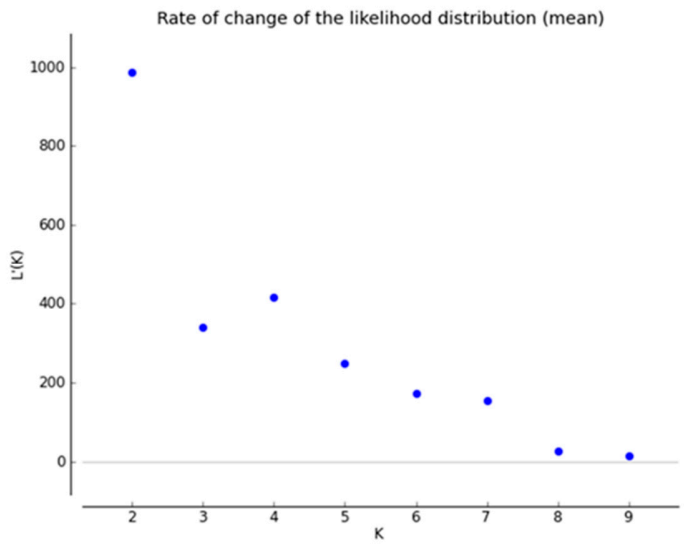

Figure S4. STRUCTURE Harvester plot showing Δ*K* for each number of clusters, as per Evanno et al. [2005 = 38] method for Roanoke basin striped bass collections.