

Michael Link

From: Scott Raborn <raborn@lgl.com>
Sent: Saturday, June 19, 2021 5:12 PM
Cc: Michael Link
Subject: PMTF Stock Comp. Estimate #1—samples from June 14-16, 2021
Attachments: PM genetics inseason 6.14-16.2021.pdf

Everyone,

Attached is the 1st stock composition estimate from ADF&G for the 2021 Port Moller Test Fishery. The Nushagak stock representing 46% of the run is worth noting.

Stock Composition (Stations 2-22 from June 14-16):

Stock	%
Kuskokwim	0.5
Togiak	0.6
Igushik	3.5
Wood	19.4
Nushagak	46.4
Kvichak	2.8
Alagnak	0.6
Naknek	0.5
Egegik	20.9
Ugashik	4.3
North Pen.	0.5

A snippet from the Catch Update Table, below, illustrates where on the transect (outlined in red) samples used to generate this stock composition were drawn. As an aside, notice the large index at Station 10 for today (June 19); tonight's Catch Update will follow shortly.

Port Moller Test Fishery: Catch Update #9, 19 June 2021.

Date	Daily Catch Index by Station (Est. catch from the 200 fathom net if it had fished for 1 hr)												Raw catches		Mean Length (mm)		
	S2	S4	S6	S8	S10	S12	S14	S16	S18	S20	S22	S24	4½" mesh	5½" mesh	4½" mesh	5½" mesh	
10-Jun	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11-Jun	0	4	4	17	-	-	-	-	-	-	-	-	9	3	509	475	
12-Jun	0	6	0	28	-	8	-	-	-	-	-	-	13	8	480	499	
13-Jun	9	2	58	55	21	0	10	3	7	4	-	-	68	22	482	498	
14-Jun	-	4	4	7	148	7	0	0	6	0	5	-	69	77	478	575	
15-Jun	-	-	-	94	52	4	0	0	0	0	0	-	21	53	479	495	
16-Jun	0	0	0	0	117	67	-	-	-	-	-	-	34	65	474	514	
17-Jun	2	10	0	64	154	0	77	32	24	15	-	-	127	103	491	503	
18-Jun	19	0	21	58	50	63	41	21	37	36	10	-	83	94	493	515	
19-Jun	-	-	41	5	388	173	50	33	26	2	-	-	291	149	488	498	

All for now,

Scott and Michael

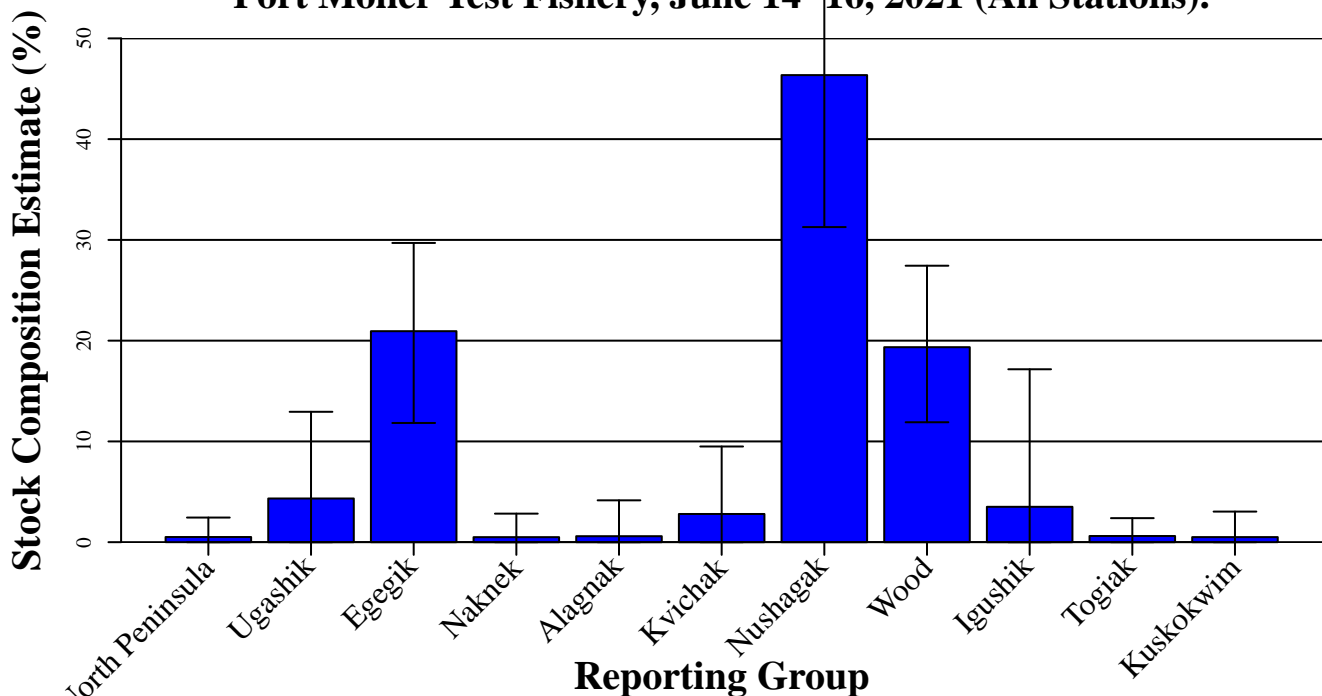
Bristol Bay Sockeye Salmon Fishery

Port Moller Sockeye Salmon Stock Composition Summary June 14–16, 2021 – All Stations

Genetic stock composition estimates for sockeye salmon from the Port Moller Test Fishery for June 14–16, 2021. A total of 261 fish were sampled and 190 were analyzed (180 had adequate data to include in the analysis).

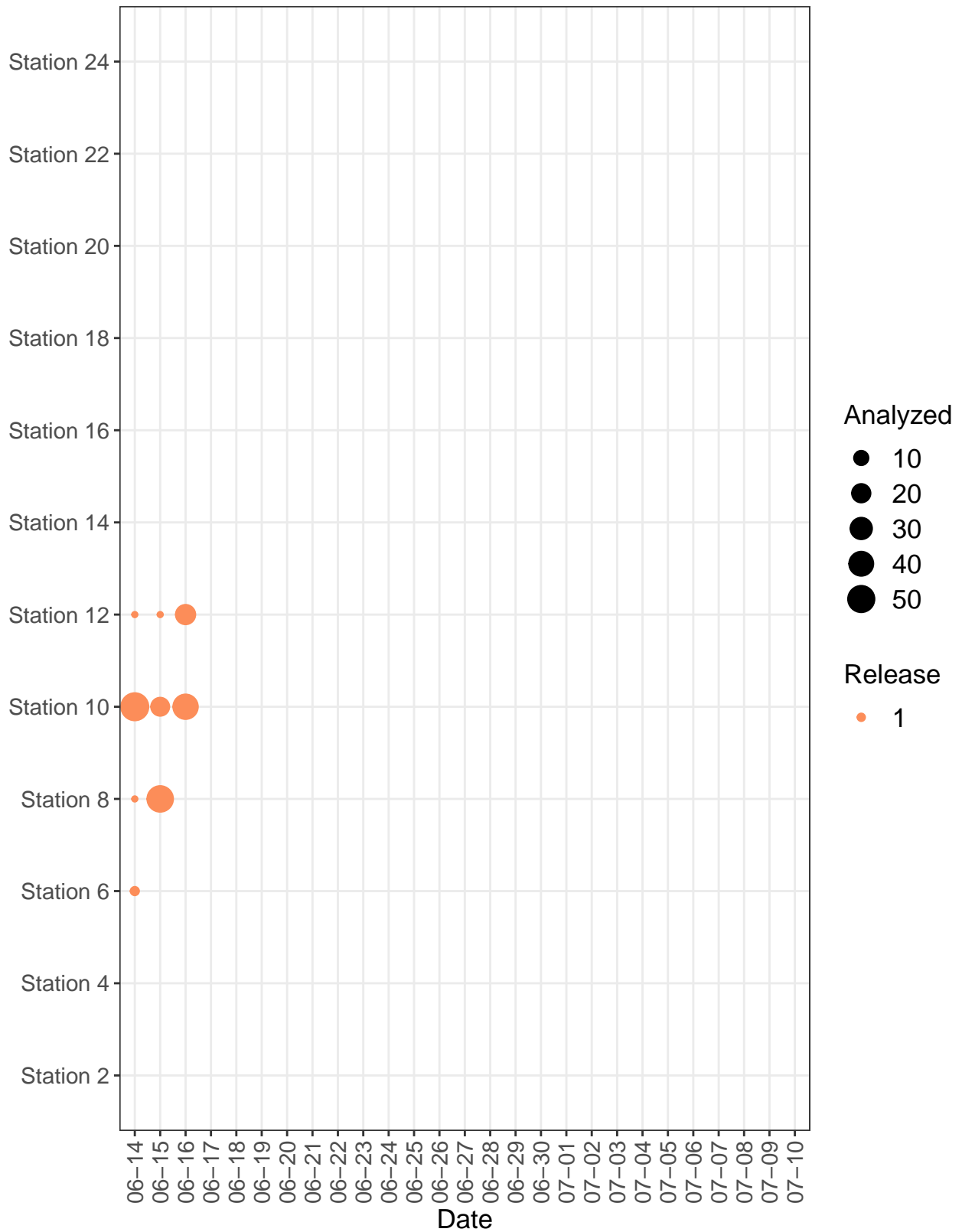
Reporting Group	Stock	90%	
	Composition Estimate	Lower	Upper
North Peninsula	0.5%	0.0%	2.4%
Ugashik	4.3%	0.0%	12.9%
Egegik	20.9%	11.8%	29.7%
Naknek	0.5%	0.0%	2.8%
Alagnak	0.6%	0.0%	4.2%
Kvichak	2.8%	0.0%	9.5%
Nushagak	46.4%	31.3%	58.7%
Wood	19.4%	11.9%	27.4%
Igushik	3.5%	0.0%	17.2%
Togiak	0.6%	0.0%	2.4%
Kuskokwim	0.5%	0.0%	3.0%

Genetic Stock Composition Estimates for Sockeye Salmon Captured in the Port Moller Test Fishery, June 14–16, 2021 (All Stations).



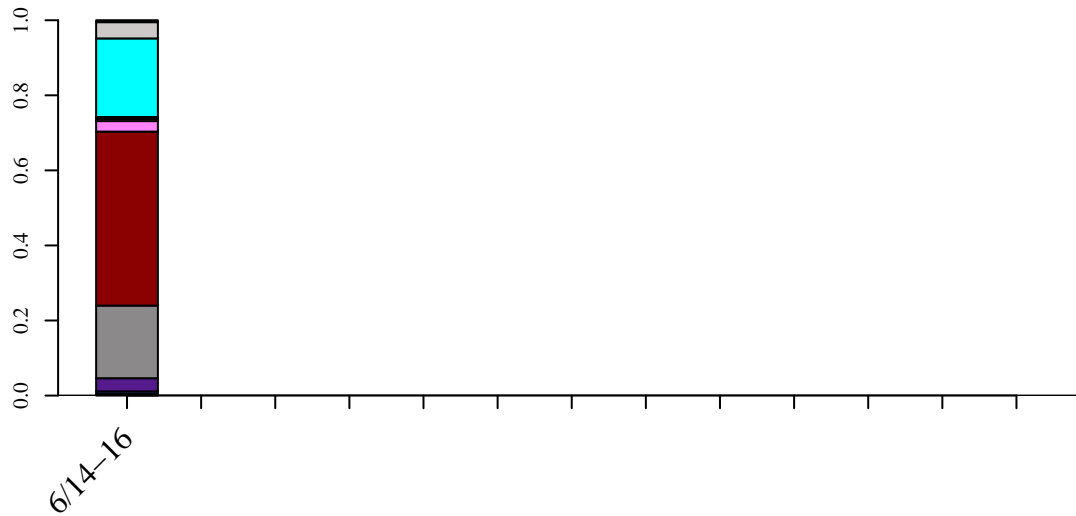
The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

Number of Genetic Samples Analyzed by Date, Station, and Estimate Release Number Port Moller Test Fishery 2021

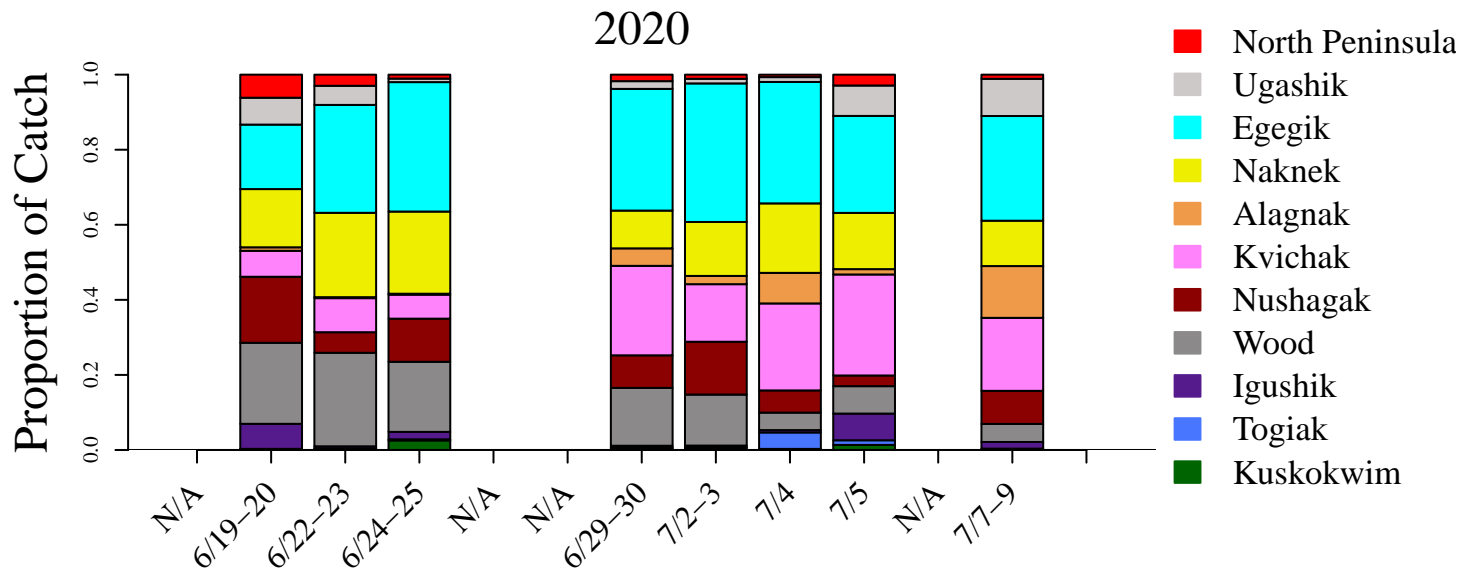


Historical Comparison of Stock Composition Estimates

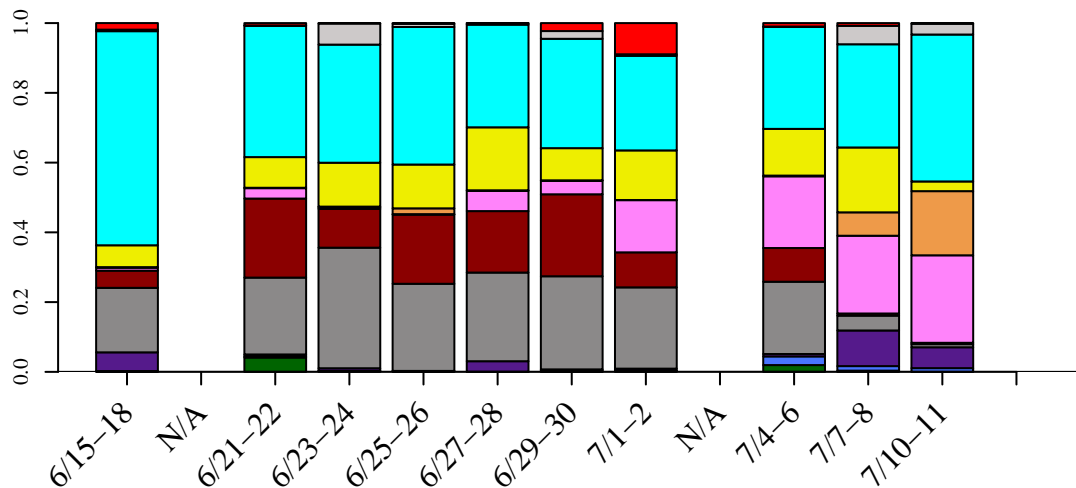
2021



2020



2019



Date