

Michael Link

From: Scott Raborn <raborn@lgl.com>
Sent: Monday, June 21, 2021 4:05 PM
Cc: Michael Link
Subject: PMTF Stock Comp. Estimate #2—samples from June 17-18, 2021
Attachments: PM genetics inseason 6.17-18.2021.pdf

Everyone,

Attached is the 2nd stock composition estimate from ADF&G for the 2021 Port Moller Test Fishery.

The Nushagak stock remains dominant at 41%; all stocks in the Nushagak District made up 59% of this estimate. Egegik is up by 7% percentage points from the 1st stock composition estimate.

Stock Composition (Stations 2-22 from June 17-18):

Stock	%
Kuskokwim	1.4
Togiak	1.0
Igushik	0.9
Wood	15.7
Nushagak	41.0
Kvichak	0.7
Alagnak	4.3
Naknek	3.6
Egegik	27.7
Ugashik	1.5
North Pen.	2.2

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.

Port Moller Test Fishery: Catch Update #11, 21 June 2021.

All updates sent by email are also posted online at www.lbsrl.org

Date	Daily Catch Index by Station (Est. catch from the 200 fathom net if it had fished for 1 hr)												Mean Daily Catch Index		4%
													Best for comparison w/ prev years	Best for assessing entry pattern this year	
	S2	S4	S6	S8	S10	S12	S14	S16	S18	S20	S22	S24	(Stns 2-10)	(Stns 2-22)	
10-Jun	1	3	7	11	8	4	2	1	1	1	1	-	6	4	
11-Jun	0	4	4	17	12	6	2	1	1	1	1	-	7	4	
12-Jun	0	6	0	28	18	8	4	2	2	1	1	-	10	6	
13-Jun	9	2	58	55	21	0	10	3	7	4	-	-	29	17	
14-Jun	2	4	4	2	148	2	0	0	6	0	5	-	32	16	
15-Jun	2	7	21	94	52	4	0	0	0	0	0	-	35	16	
16-Jun	0	0	0	0	117	62	25	14	9	7	5	-	23	22	
17-Jun	2	10	0	64	154	0	77	32	24	15	6	-	46	35	
18-Jun	19	0	21	58	50	63	41	21	37	36	10	-	30	32	
19-Jun	7	5	41	5	339	173	50	33	26	2	4	-	90	67	
20-Jun	0	0	104	252	201	86	21	8	34	0	4	-	111	65	
21-Jun	-	7	52	3	21	2	45	13	93	-	-	-	21	29	

All for now,

Scott and Michael

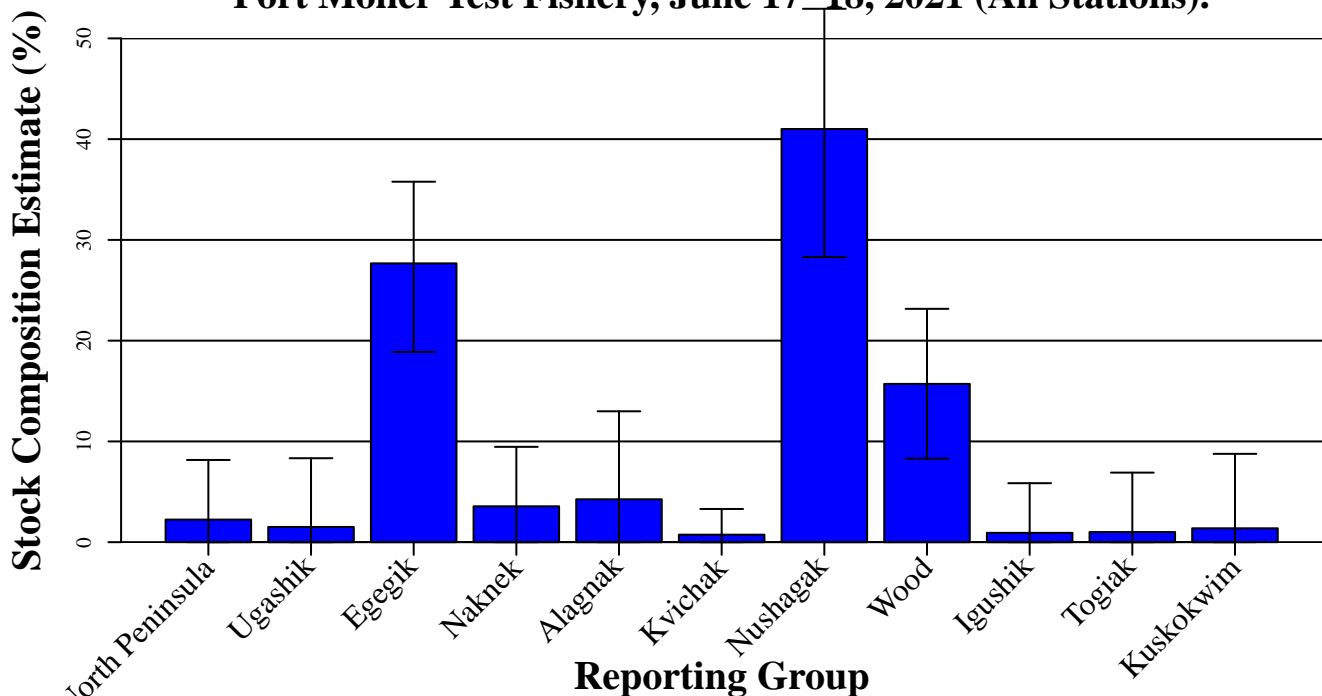
Bristol Bay Sockeye Salmon Fishery

Port Moller Sockeye Salmon Stock Composition Summary June 17–18, 2021 – All Stations

Genetic stock composition estimates for sockeye salmon from the Port Moller Test Fishery for June 17–18, 2021. A total of 407 fish were sampled and 190 were analyzed (175 had adequate data to include in the analysis).

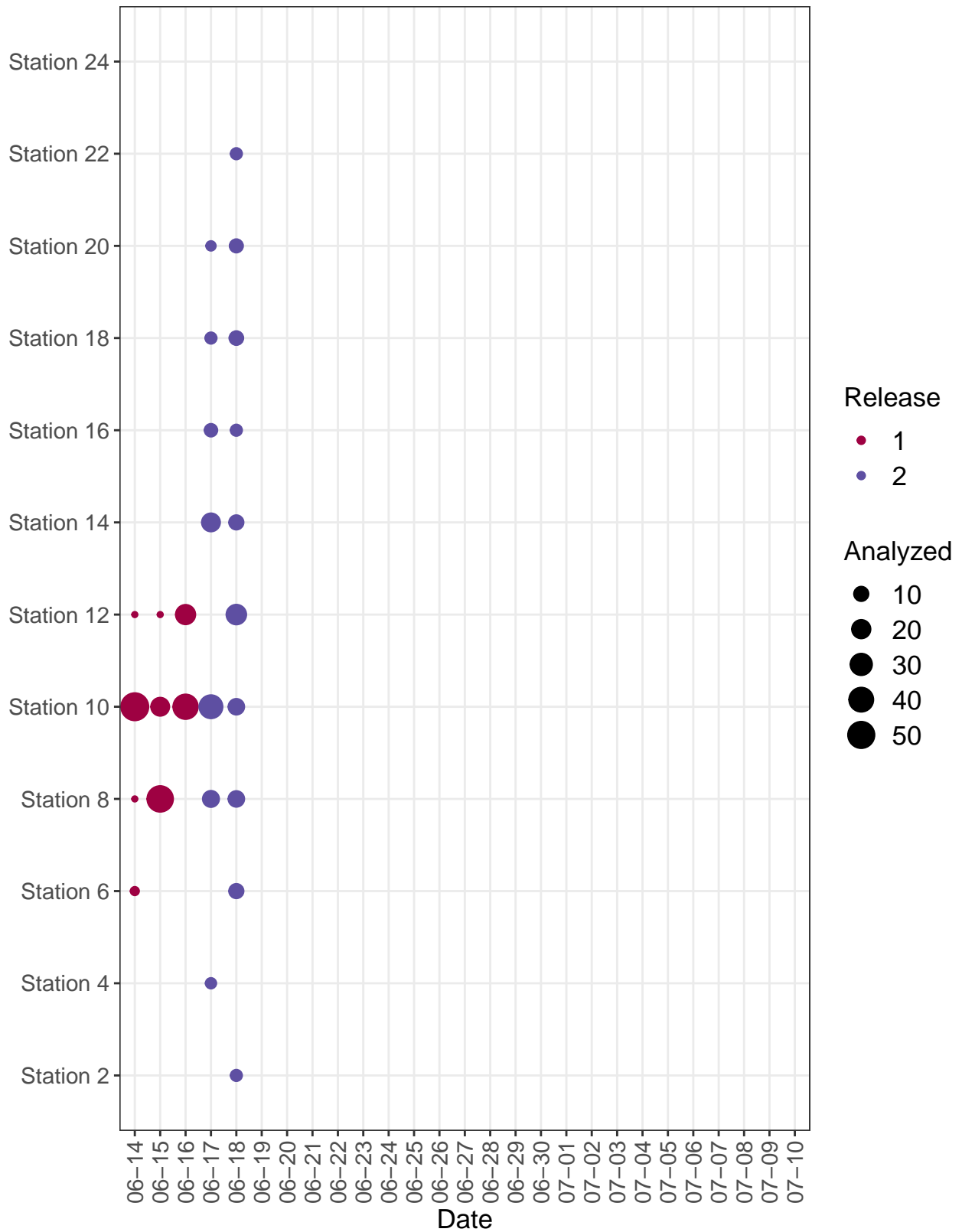
Reporting Group	Stock	90%	
	Composition Estimate	Lower	Upper
North Peninsula	2.2%	0.0%	8.2%
Ugashik	1.5%	0.0%	8.3%
Egegik	27.7%	18.9%	35.8%
Naknek	3.6%	0.0%	9.5%
Alagnak	4.3%	0.0%	13.0%
Kvichak	0.7%	0.0%	3.3%
Nushagak	41.0%	28.3%	52.9%
Wood	15.7%	8.3%	23.2%
Igushik	0.9%	0.0%	5.9%
Togiak	1.0%	0.0%	6.9%
Kuskokwim	1.4%	0.0%	8.8%

Genetic Stock Composition Estimates for Sockeye Salmon Captured in the Port Moller Test Fishery, June 17–18, 2021 (All Stations).



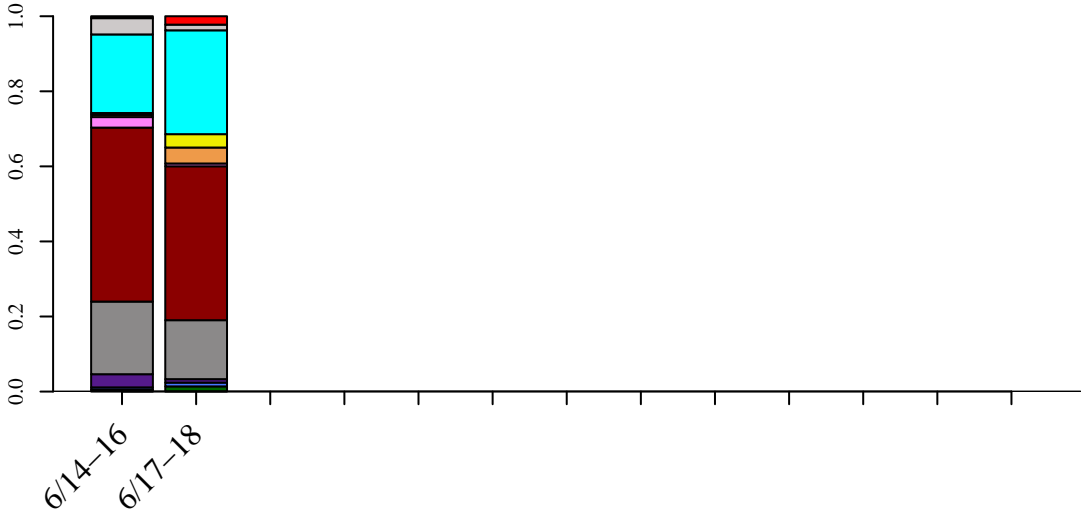
The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

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

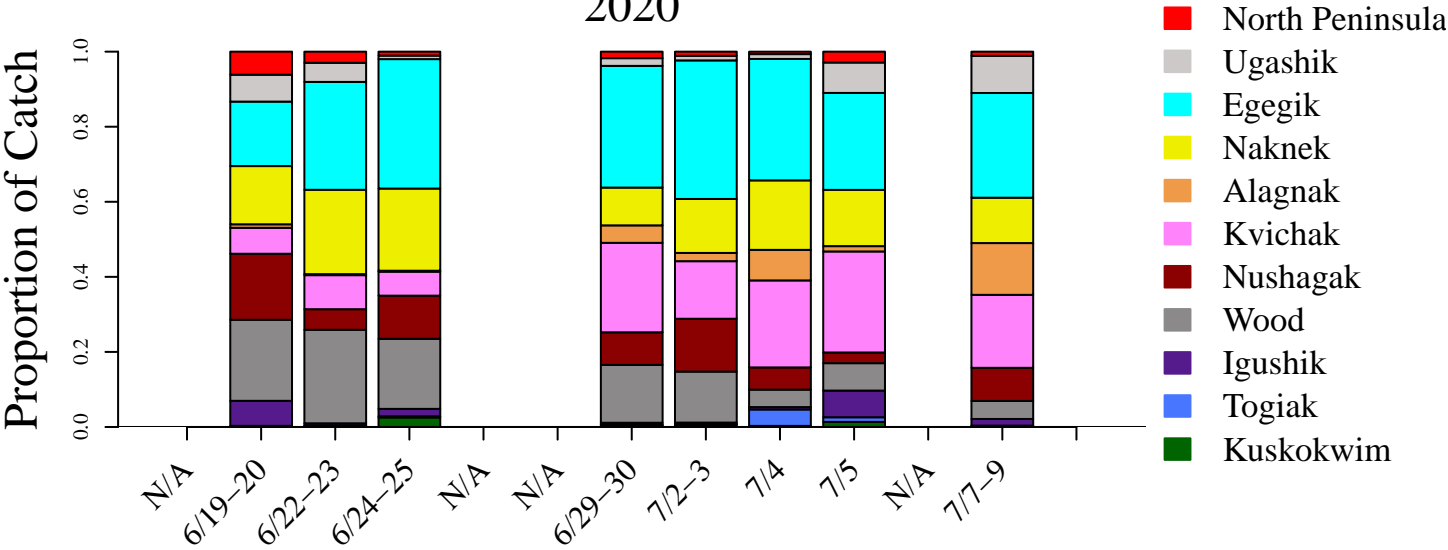


Historical Comparison of Stock Composition Estimates

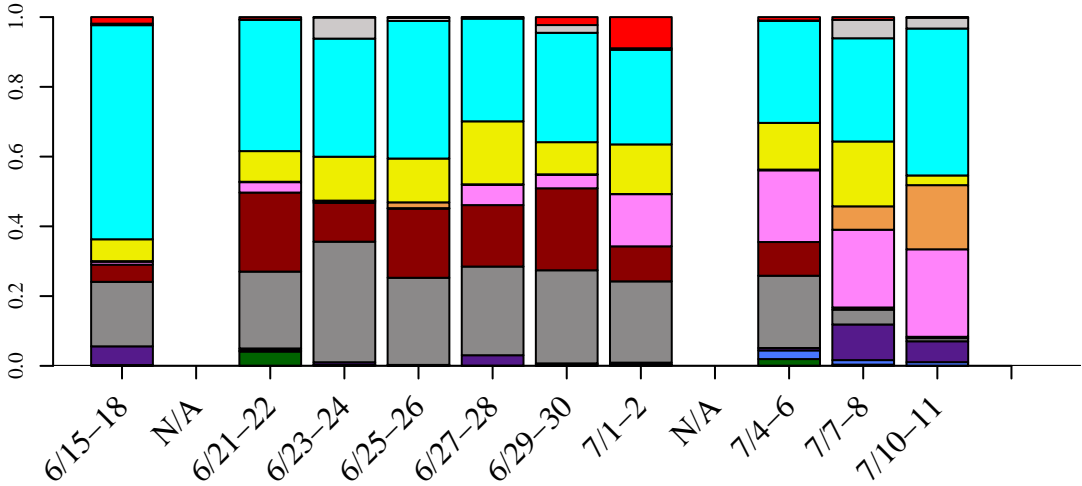
2021



2020



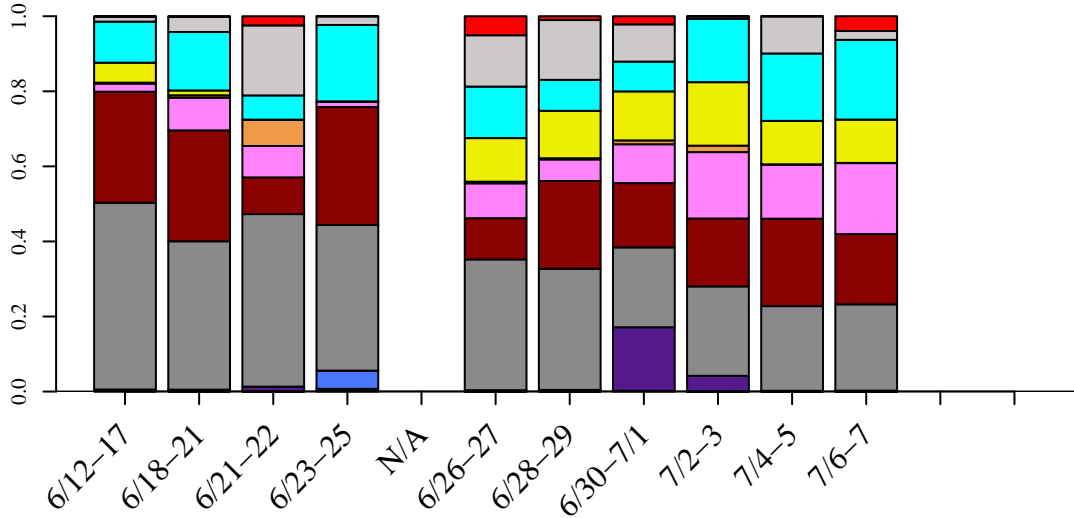
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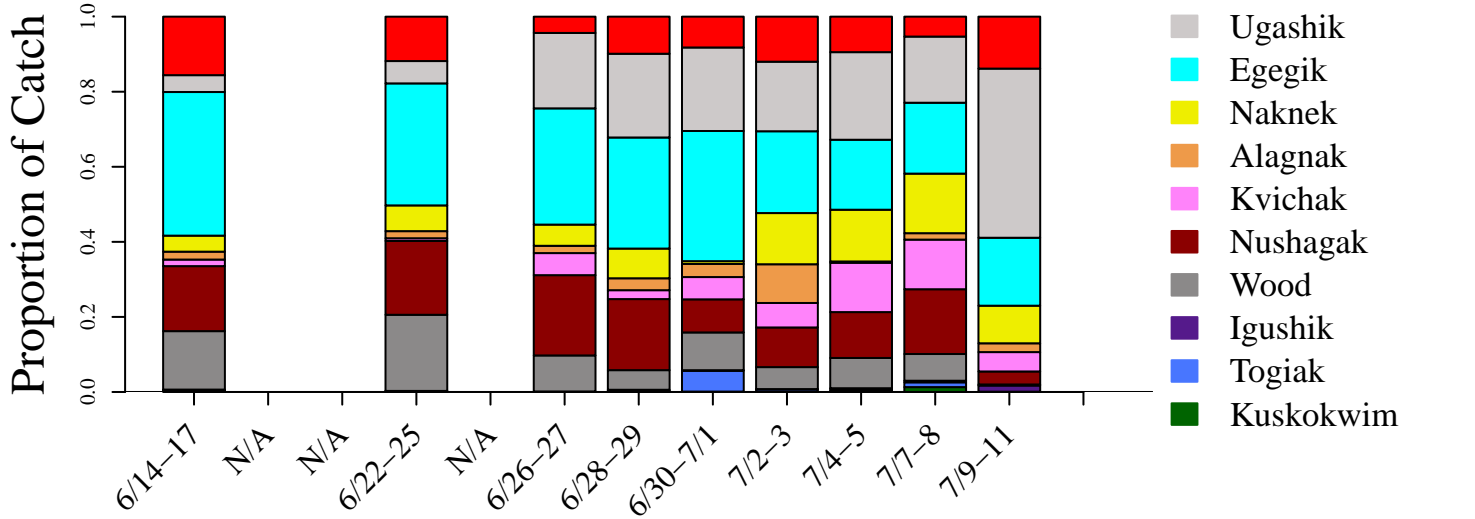
Date

Historical Comparison of Stock Composition Estimates

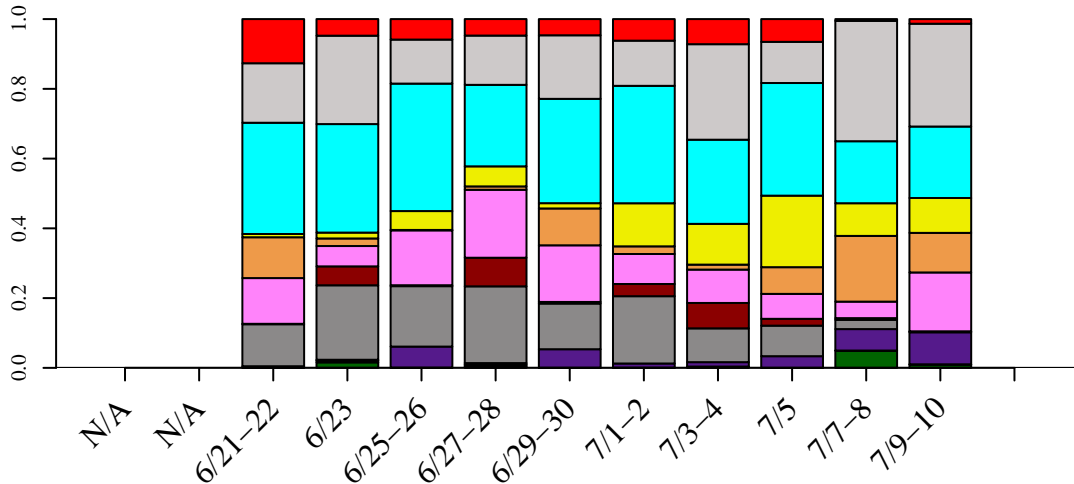
2018



2017



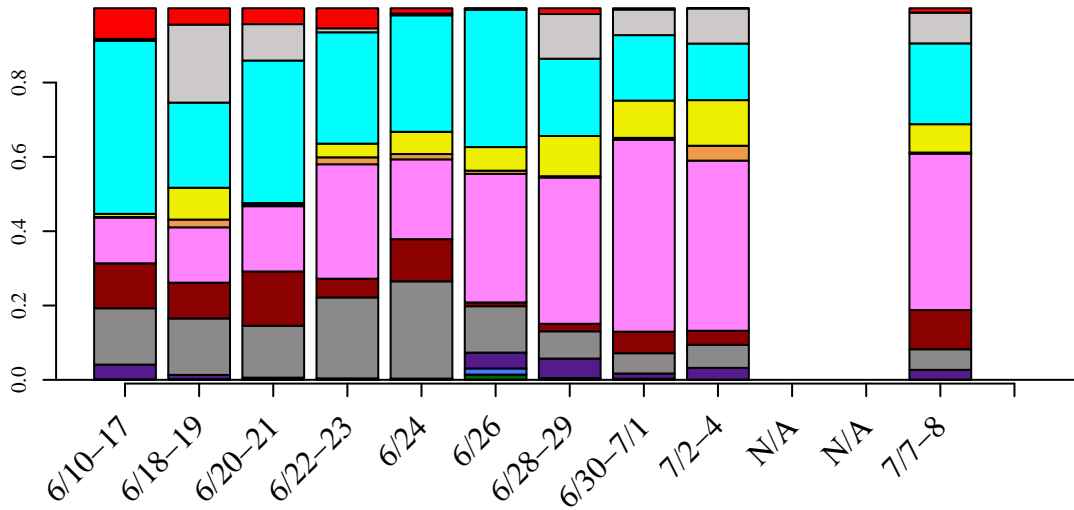
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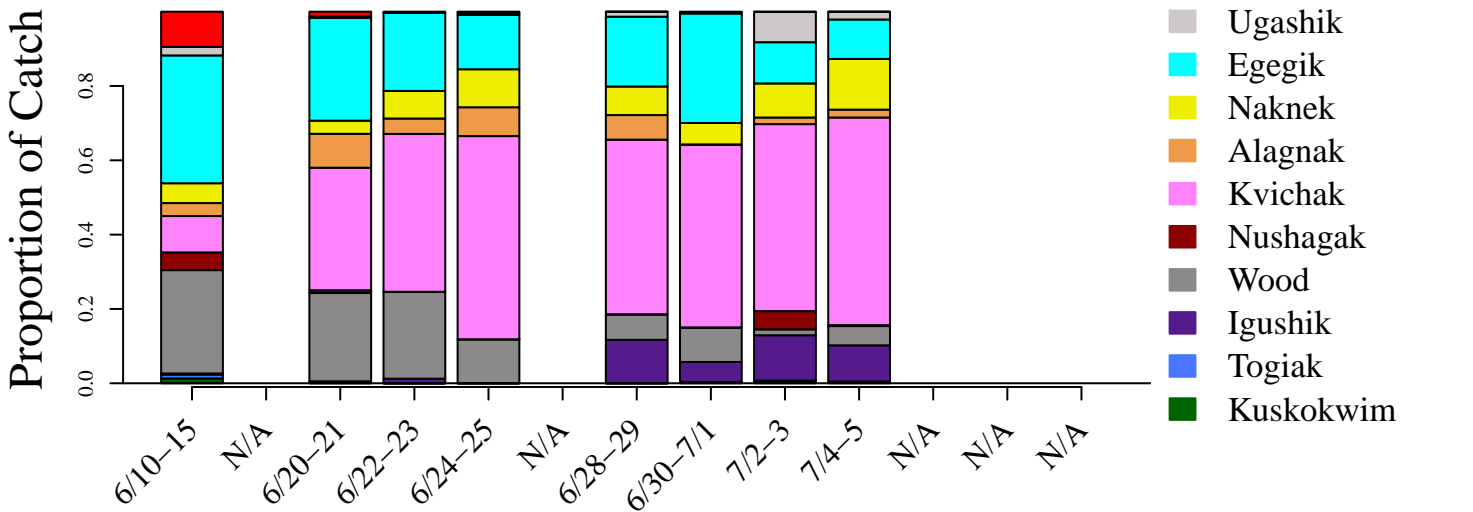
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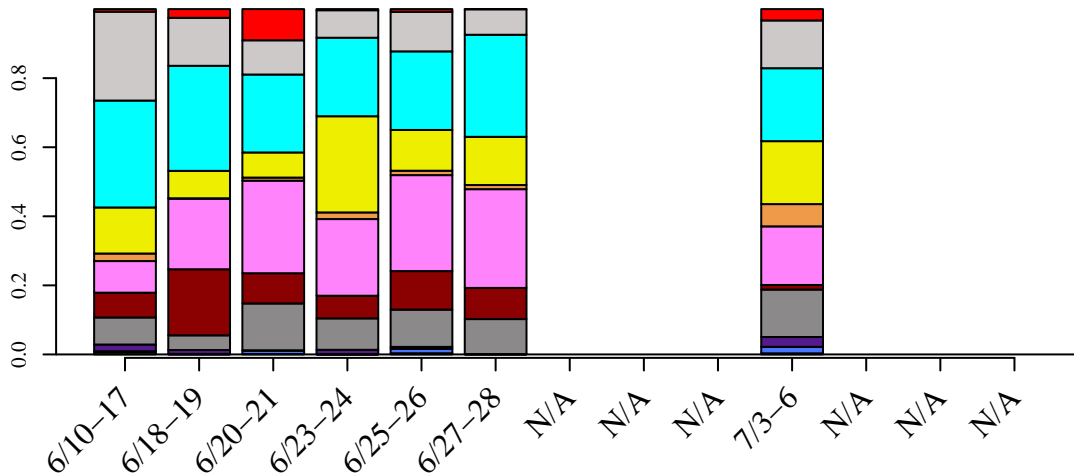
2015



2014



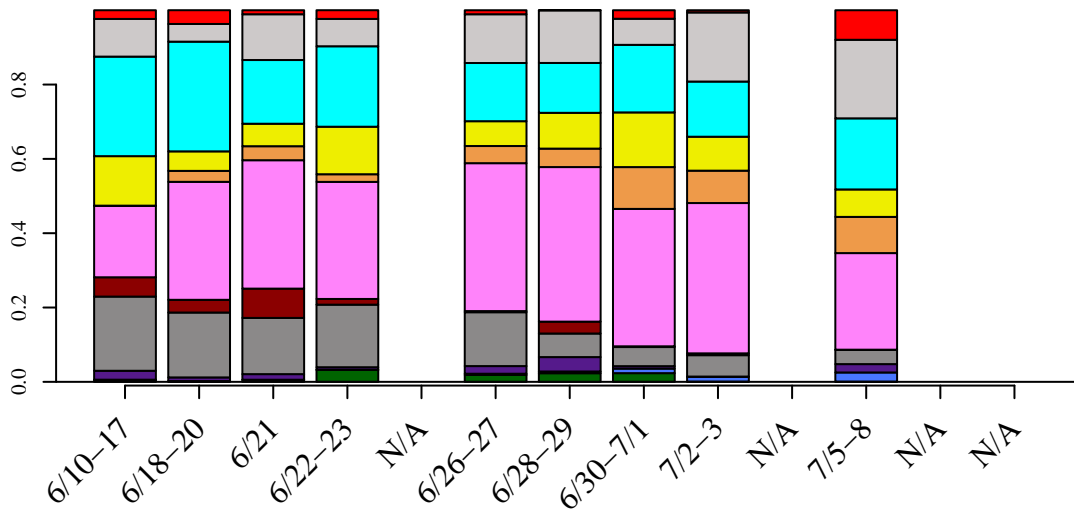
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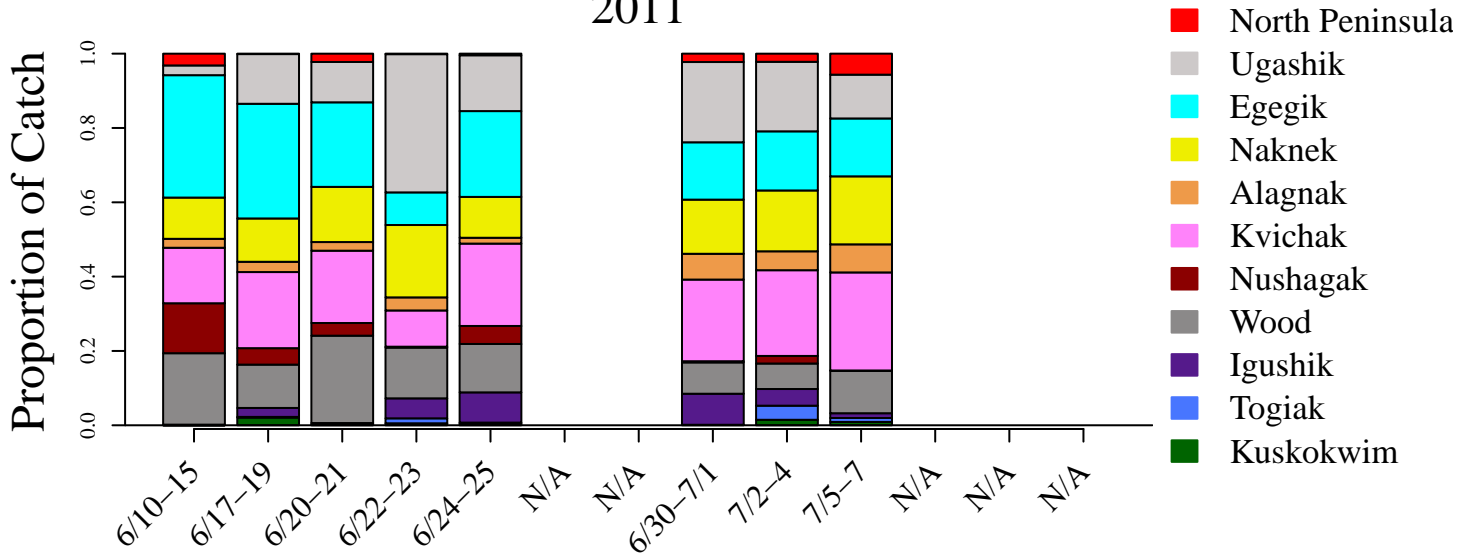
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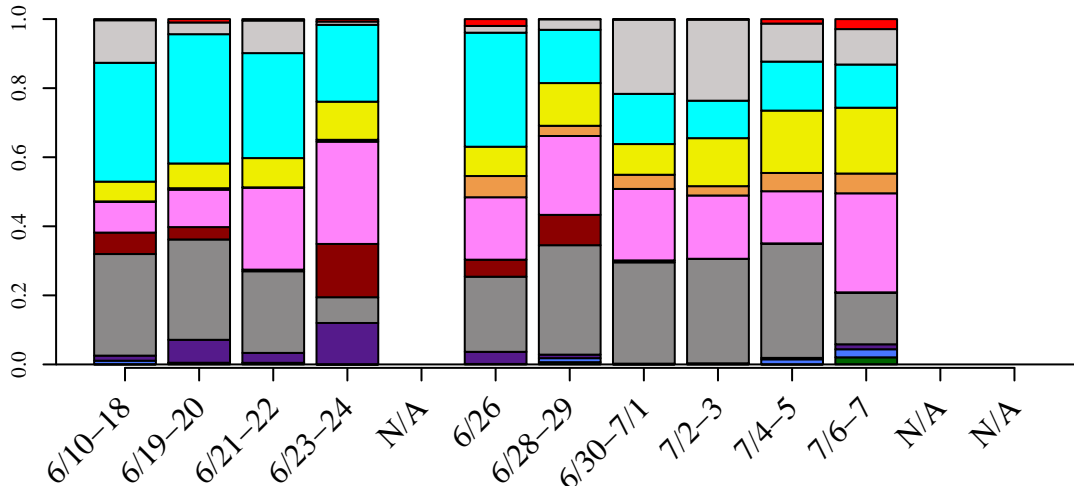
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2011



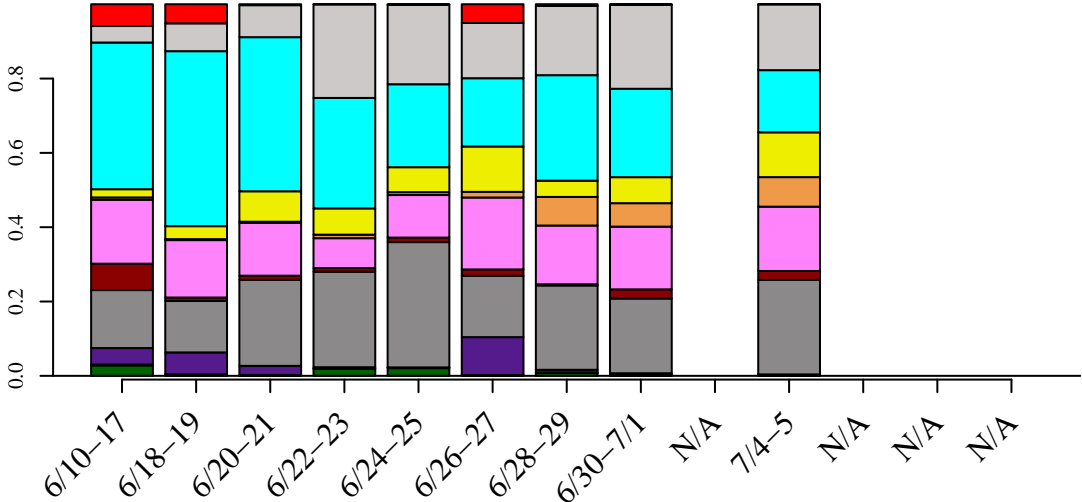
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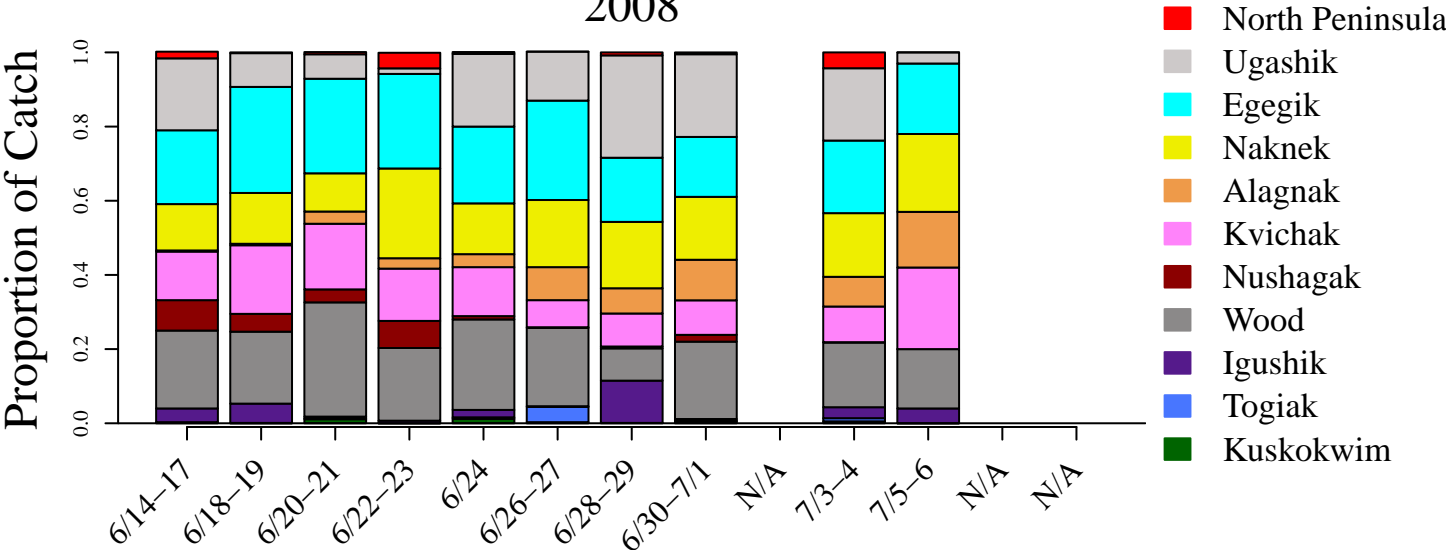
Date

Historical Comparison of Stock Composition Estimates

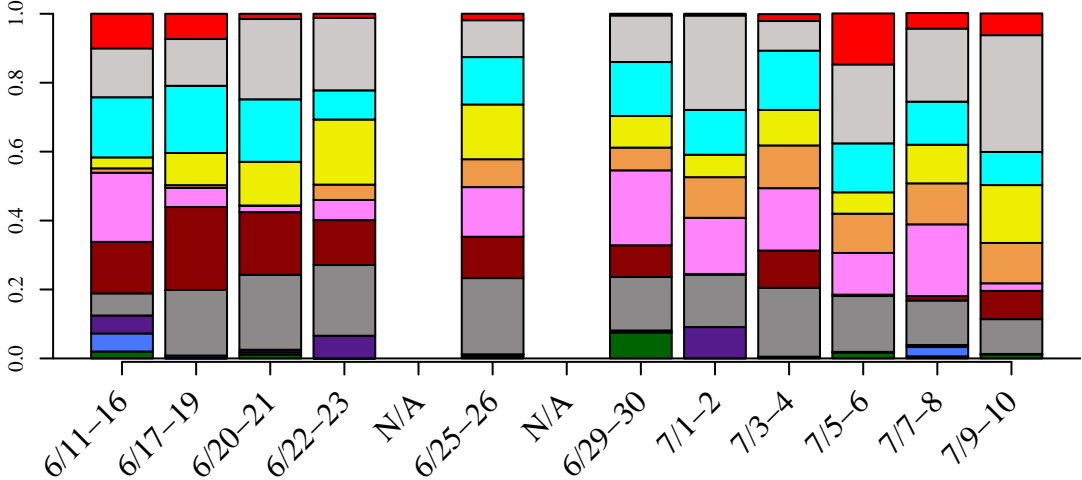
2009



2008



2007



Date