

Michael Link

From: Scott Raborn <raborn@lgl.com>
Sent: Wednesday, June 23, 2021 3:05 PM
Cc: Michael Link
Subject: PMTF Stock Comp. Estimate #3—samples from June 19-20, 2021 (also the 1st Age Comp. Estimates)
Attachments: PM genetics inseason 6.19-20.2021.pdf; BB_Age Comp_1_6-23.pdf

Everyone,

Attached is the 3rd stock composition estimate from ADF&G for the 2021 Port Moller Test Fishery. Also attached is the first set of age composition estimates.

The Nushagak stock remains dominant again at 42%; all stocks in the Nushagak District made up 63% of this estimate.

Stock Composition (Stations 2-22 from June 19-20):

Reporting Group	Stock	90%	
	Composition Estimate	Lower	Upper
North Peninsula	4.0%	0.0%	10.2%
Ugashik	0.9%	0.0%	5.9%
Egegik	21.3%	14.1%	28.6%
Naknek	0.5%	0.0%	3.1%
Alagnak	1.1%	0.0%	6.9%
Kvichak	8.3%	1.9%	15.3%
Nushagak	42.3%	30.7%	53.5%
Wood	20.2%	12.0%	29.1%
Igushik	0.5%	0.0%	4.1%
Togiak	0.1%	0.0%	0.6%
Kuskokwim	0.8%	0.0%	5.2%

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 #12, 22 June 2021.

All updates sent by email are also posted online at www.bbsri.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	
	S2	S4	S6	S8	S10	S12	S14	S16	S18	S20	S22	S24	Best for comparison w/ prev years (Stns 2-10)	Best for assessing entry pattern this year (Stns 2-22)
													(Stns 2-10)	(Stns 2-22)
10-Jun	1	3	7	9	8	4	2	1	1	1	1	-	6	4
11-Jun	0	4	4	17	11	6	3	2	1	1	1	-	7	5
12-Jun	0	6	0	28	17	8	5	3	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	8	24	94	52	4	0	0	0	0	0	-	36	17
16-Jun	0	0	0	0	117	62	23	13	9	6	4	-	23	21
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	389	173	50	33	26	2	2	4	90	67
20-Jun	0	0	104	252	201	86	21	8	34	0	4	-	111	65
21-Jun	0	7	52	3	21	2	45	13	93	38	28	-	16	27
22-Jun	0	26	89	94	112	76	160	120	69	110	6	-	64	78
23-Jun														

All for now,

Scott and Michael

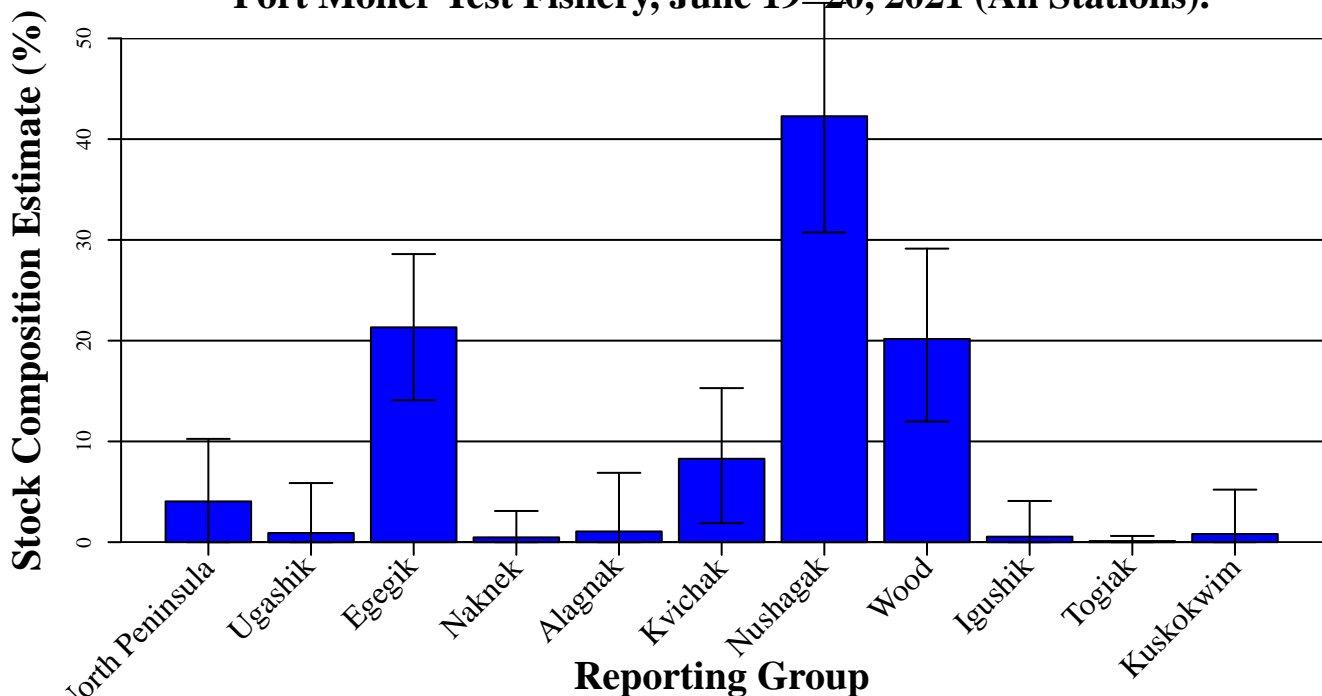
Bristol Bay Sockeye Salmon Fishery

Port Moller Sockeye Salmon Stock Composition Summary June 19–20, 2021 – All Stations

Genetic stock composition estimates for sockeye salmon from the Port Moller Test Fishery for June 19–20, 2021. A total of 644 fish were sampled and 190 were analyzed (176 had adequate data to include in the analysis).

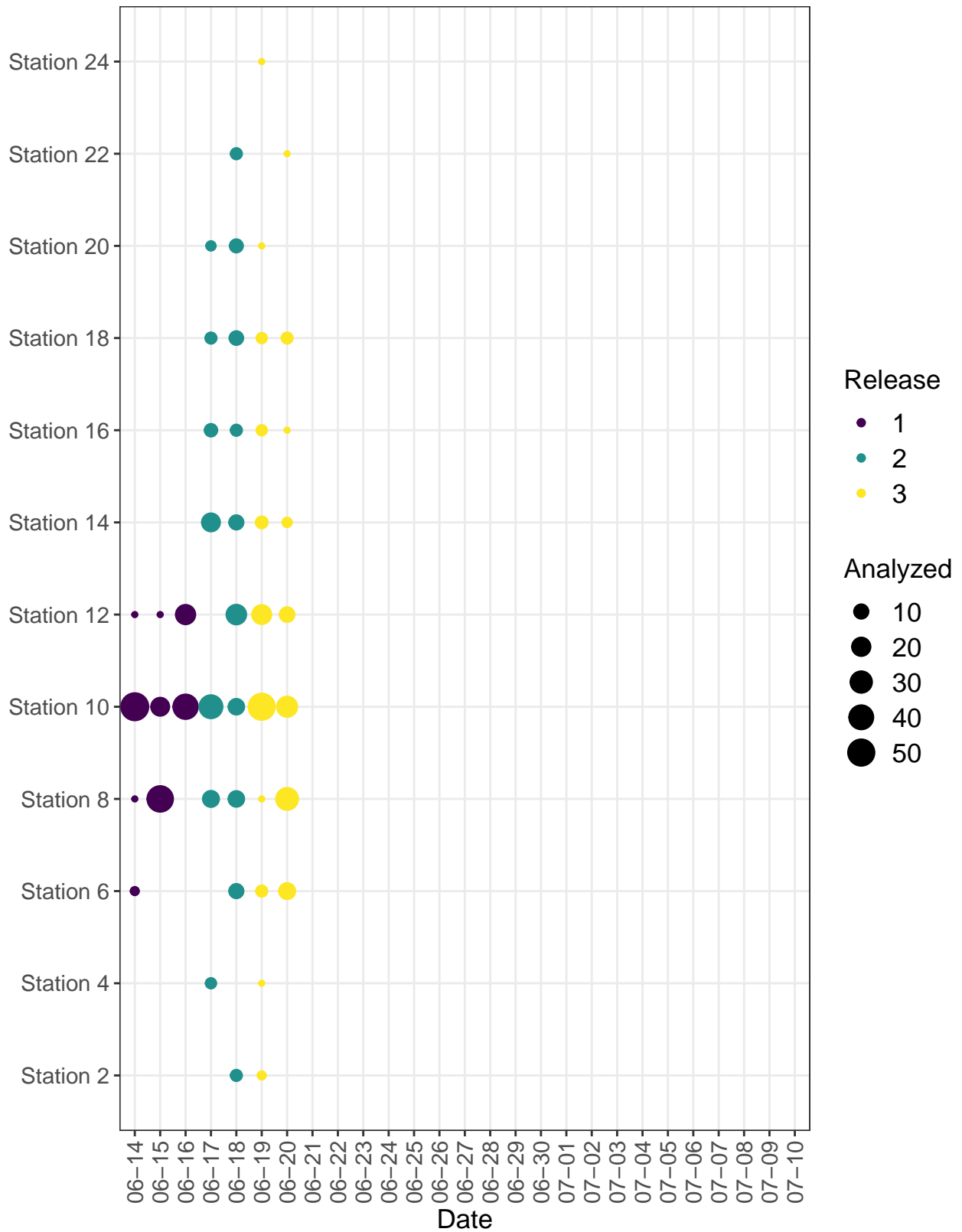
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Genetic Stock Composition Estimates for Sockeye Salmon Captured in the Port Moller Test Fishery, June 19–20, 2021 (All Stations).



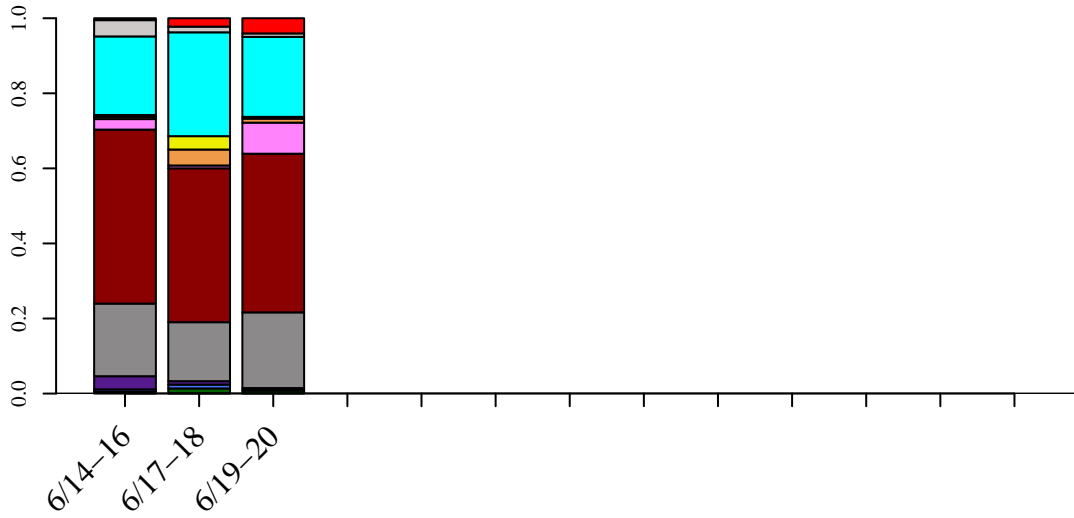
The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

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

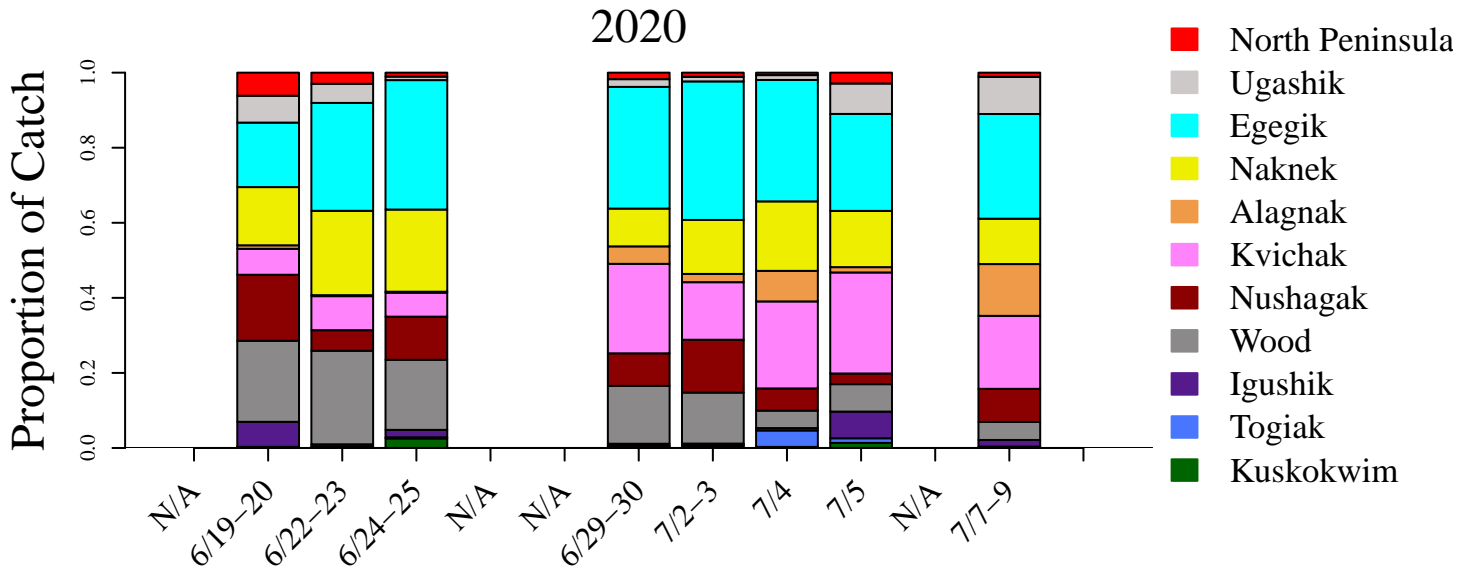


Historical Comparison of Stock Composition Estimates

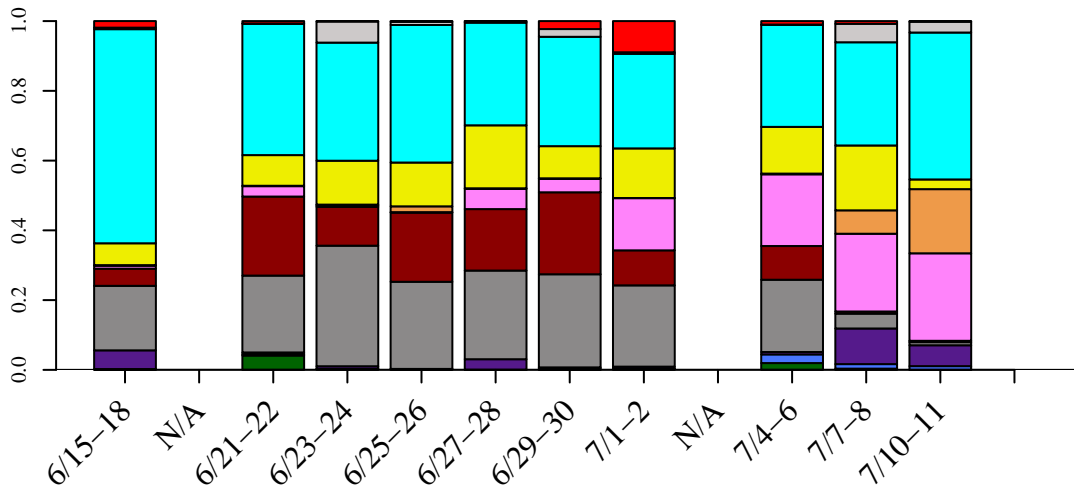
2021



2020



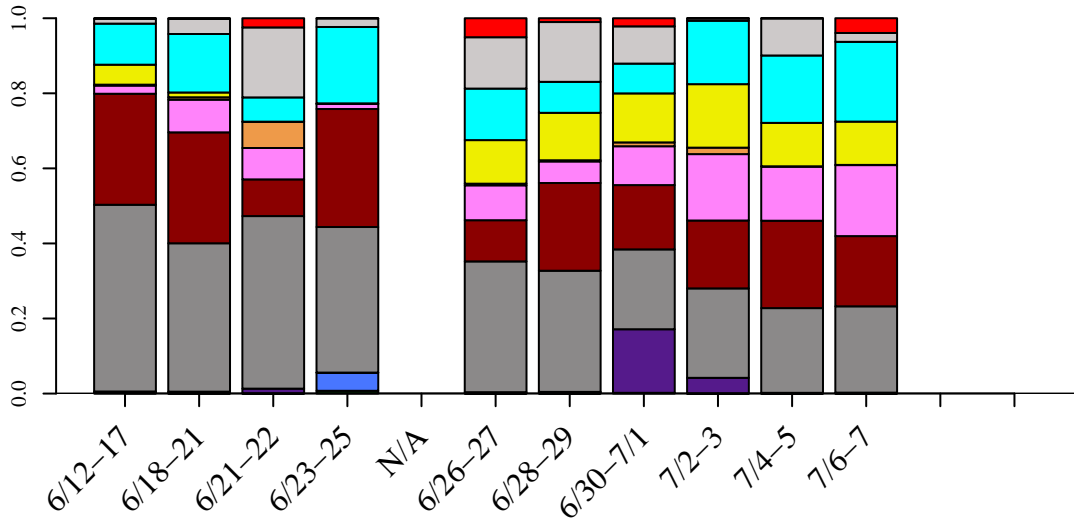
2019



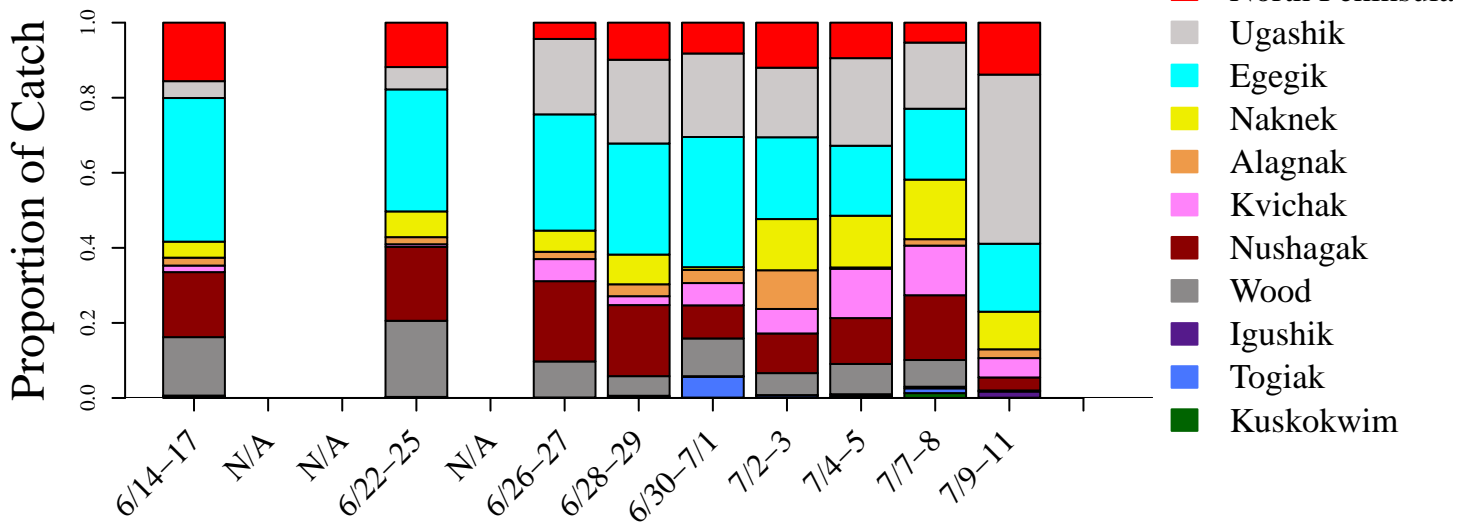
Date

Historical Comparison of Stock Composition Estimates

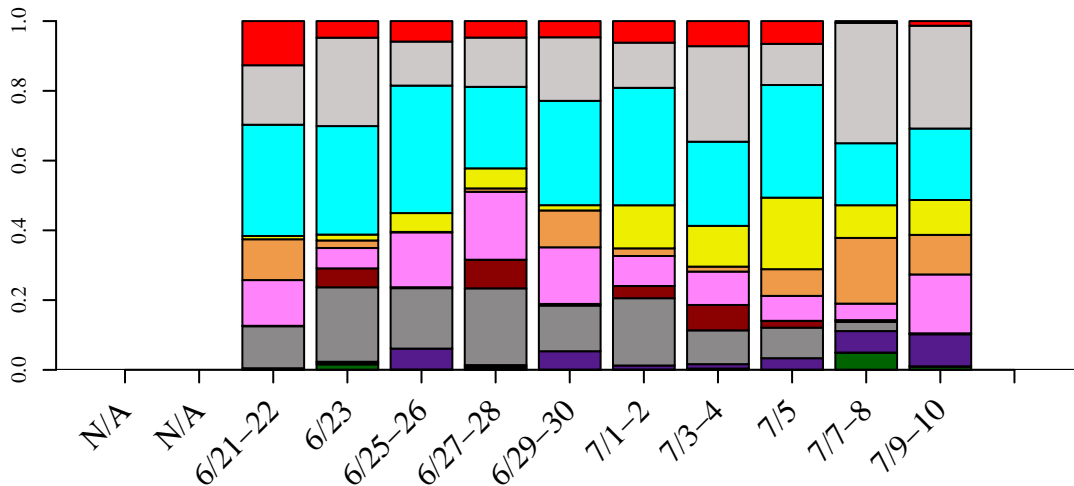
2018



2017



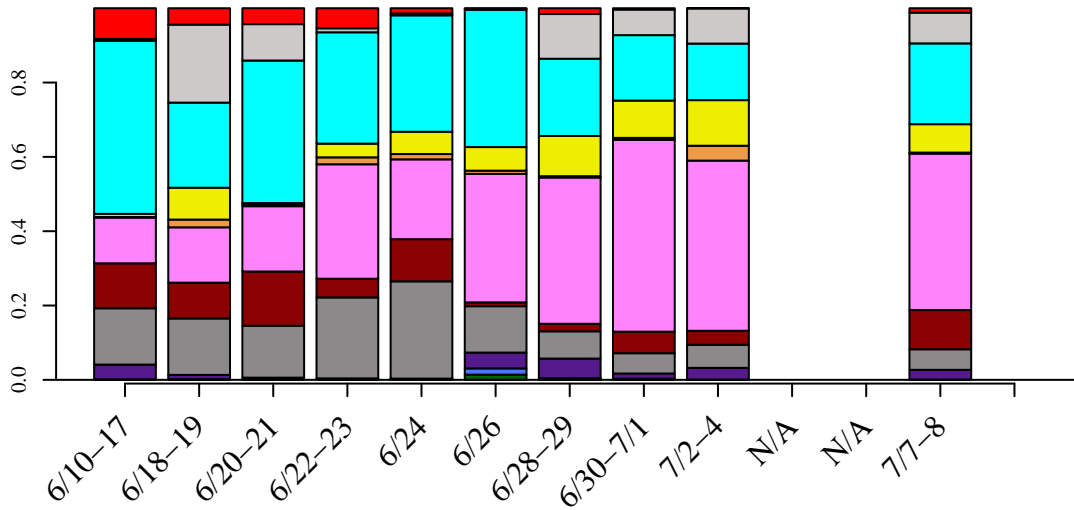
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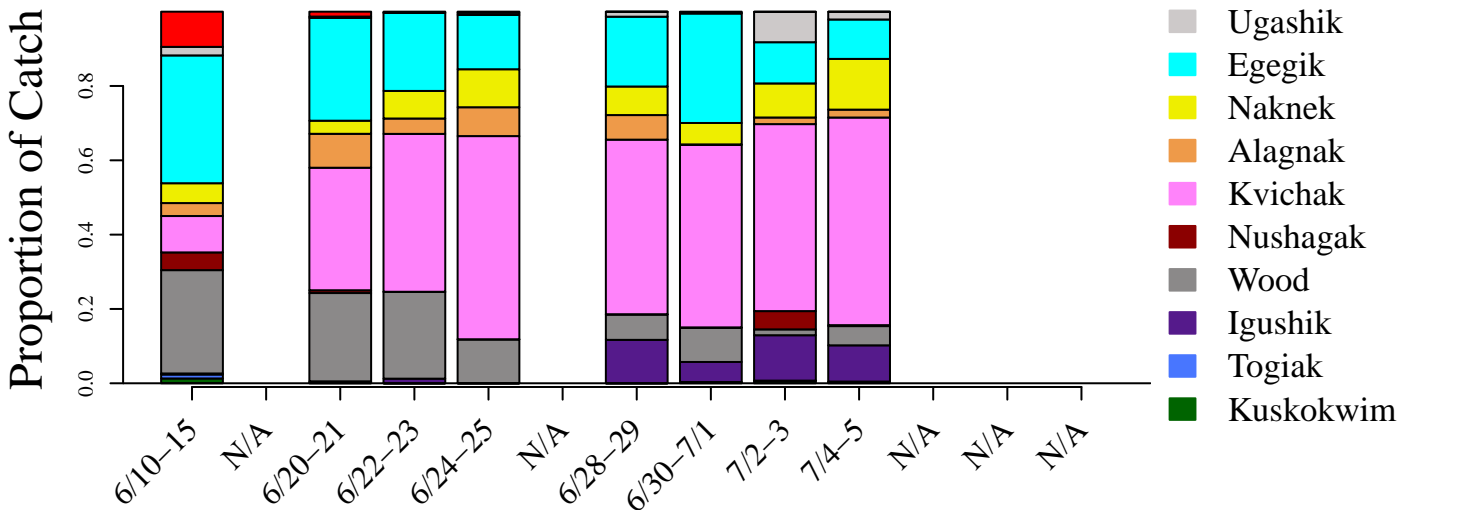
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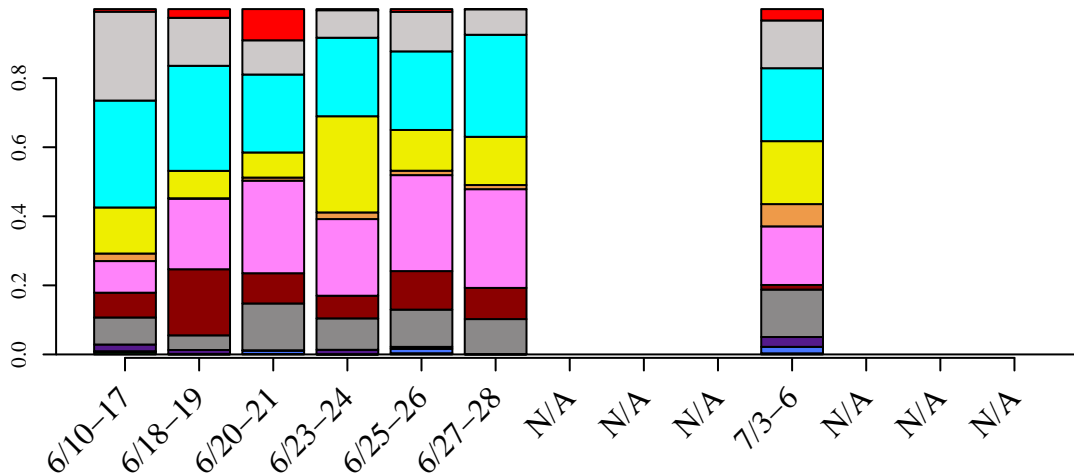
2015



2014



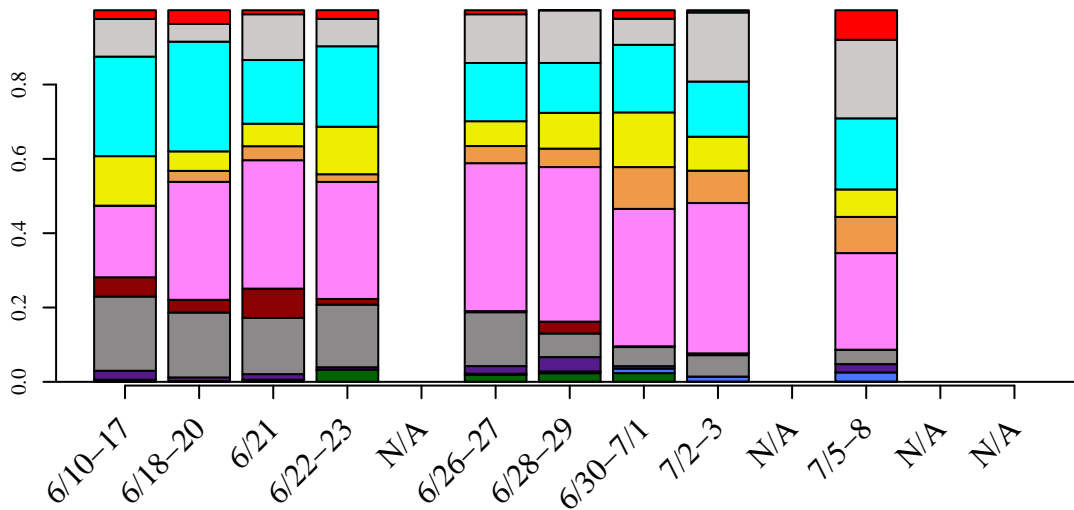
2013



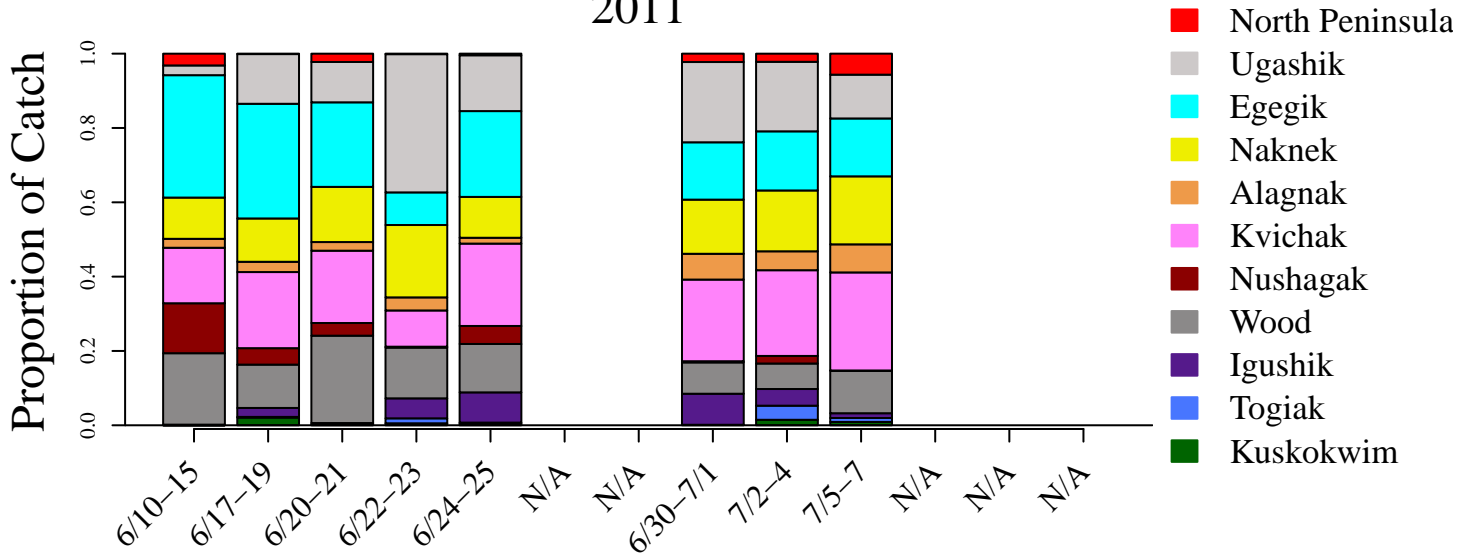
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Historical Comparison of Stock Composition Estimates

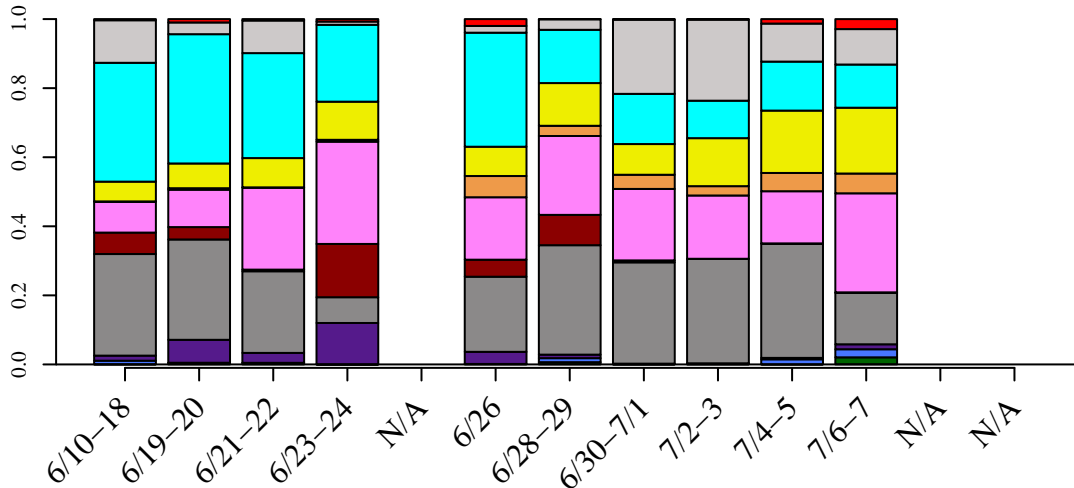
2012



2011



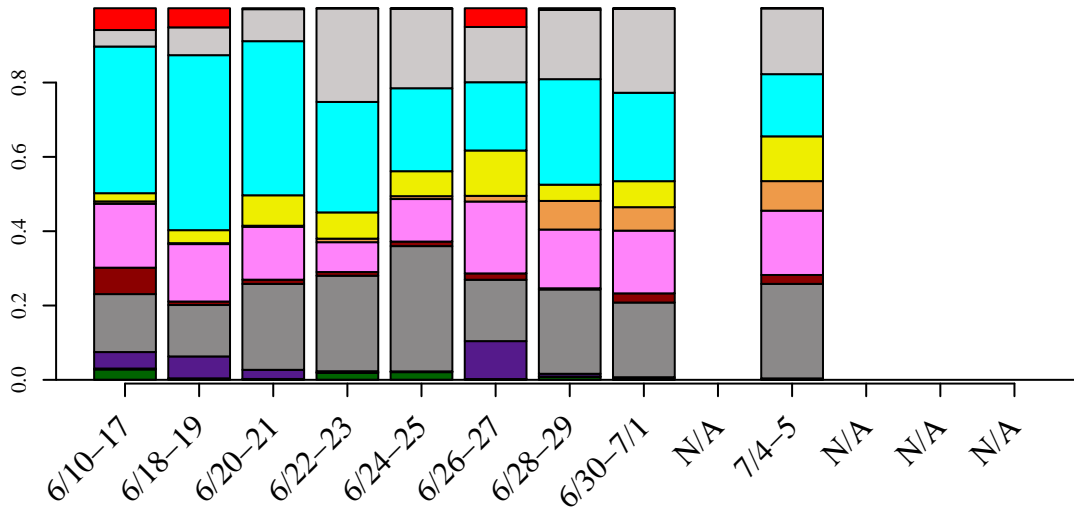
2010



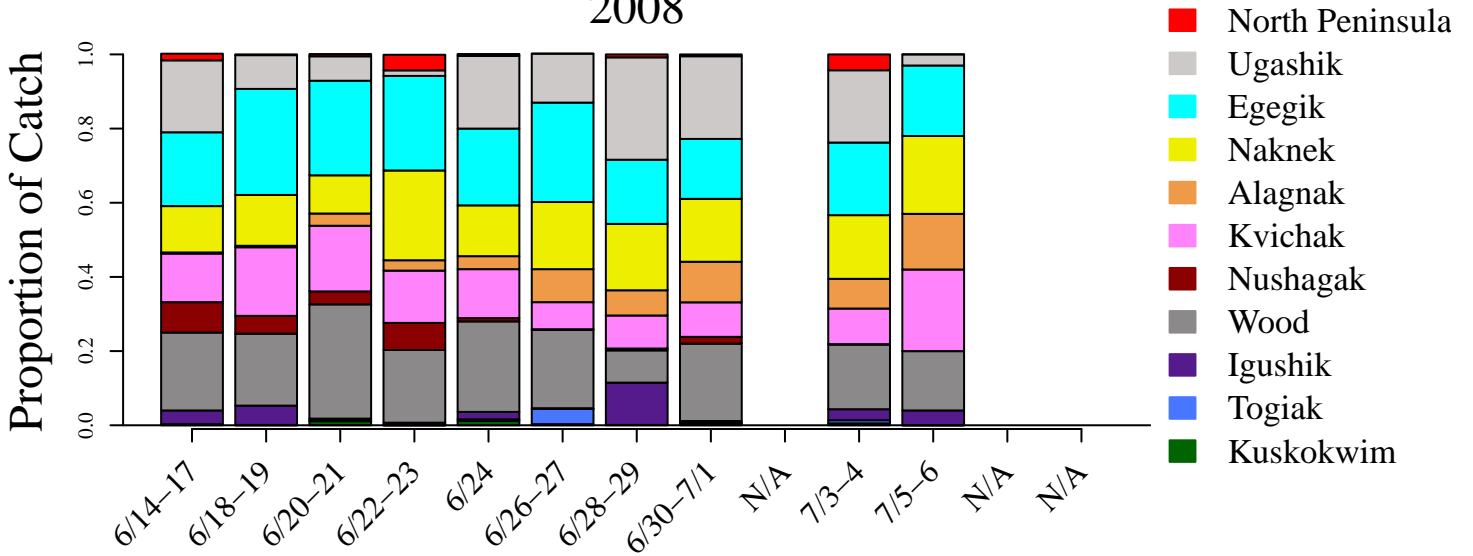
Date

Historical Comparison of Stock Composition Estimates

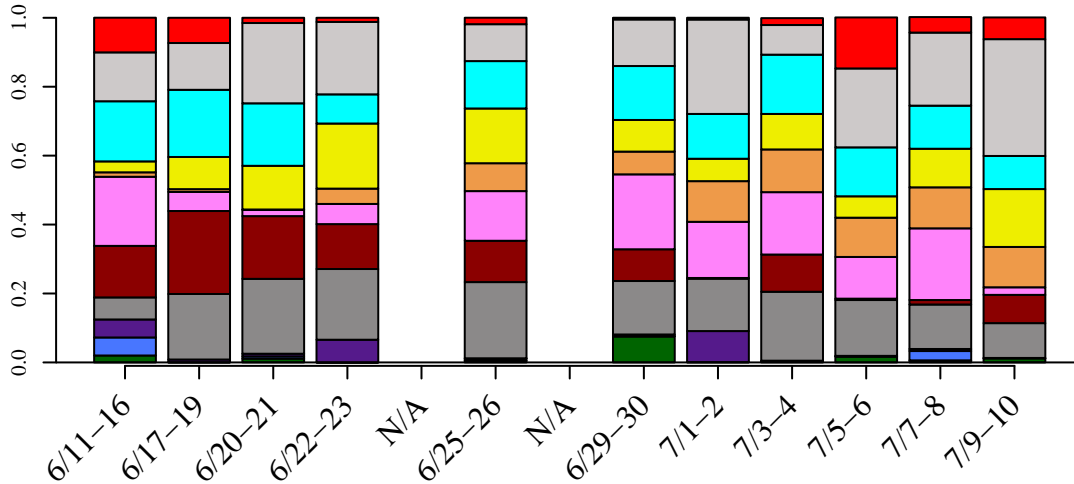
2009



2008



2007



Date