

Michael Link

From: Scott Raborn <raborn@lgl.com>
Sent: Wednesday, July 7, 2021 3:07 PM
To: Michael Link
Cc: Scott Raborn
Subject: PMTF Stock Comp. Estimate #8—samples from July 2-4, 2021 (also the 6th Age Comp. Estimates)
Attachments: PM genetics inseason 7.2-4.2021.pdf; BB_Age Comp_6_7-6.pdf

Everyone,

Attached is the 8th stock composition estimate from ADF&G for the 2021 Port Moller Test Fishery. Also attached is the 6th set of age composition estimates.

Stock Composition (Stations 2-22 from July 2-4):

Reporting Group	Stock	90%	
	Composition Estimate	Confidence Lower	Intervals Upper
North Peninsula	6.0%	0.0%	13.6%
Ugashik	23.9%	12.8%	36.3%
Egegik	10.1%	0.0%	22.0%
Naknek	9.8%	4.0%	16.3%
Alagnak	4.2%	0.0%	9.1%
Kvichak	10.8%	1.5%	21.4%
Nushagak	12.2%	3.0%	21.5%
Wood	18.1%	10.3%	26.2%
Igushik	0.6%	0.0%	4.4%
Togiak	1.2%	0.0%	5.4%
Kuskokwim	3.2%	0.0%	8.5%

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.

Port Moller Test Fishery: Catch Update #27, 7 July 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	
	\$2	\$4	\$6	\$8	\$10	\$12	\$14	\$16	\$18	\$20	\$22	\$24	Best for comparison w/ prev years (Stns 2-10)	Best for assessing entry pattern this year (Stns 2-22)	
10-Jun	1	3	6	9	8	4	2	1	1	1	1	-	5	3	
11-Jun	0	4	4	17	12	6	3	2	1	1	1	-	7	5	
12-Jun	0	6	0	28	17	8	4	2	2	2	1	-	10	6	
13-Jun	9	2	58	55	21	0	10	3	7	4	2	-	29	16	
14-Jun	2	4	4	2	148	2	0	0	6	0	5	-	32	16	
15-Jun	2	7	22	94	52	4	0	0	0	0	0	-	36	17	
16-Jun	0	0	0	0	117	62	22	12	8	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	7	17	39	75	113	131	124	106	79	45	20	-	50	69	
24-Jun	8	19	40	75	113	133	132	118	89	50	20	-	51	72	
25-Jun	2	0	18	19	96	146	84	183	114	51	20	-	27	67	
26-Jun	70	4	27	23	106	168	31	148	242	0	0	-	46	74	
27-Jun	0	0	2	192	393	148	53	222	45	52	17	-	117	102	
28-Jun	18	9	37	186	30	19	89	36	144	30	0	-	56	54	
29-Jun	10	24	56	90	461	335	52	62	53	54	15	-	128	110	
30-Jun	9	23	56	114	156	137	97	71	53	33	15	-	72	69	
1-Jul	8	21	53	110	147	122	80	57	45	31	16	-	68	63	
2-Jul	0	28	4	272	69	37	41	0	0	13	18	-	75	44	
3-Jul	22	7	15	129	120	0	0	23	67	34	4	-	59	38	
4-Jul	0	4	0	130	202	16	10	112	38	55	37	-	67	55	
5-Jul	4	8	18	37	48	40	7	10	75	0	26	-	23	25	
6-Jul															

All for now,

Scott and Michael

Bristol Bay Sockeye Salmon Fishery

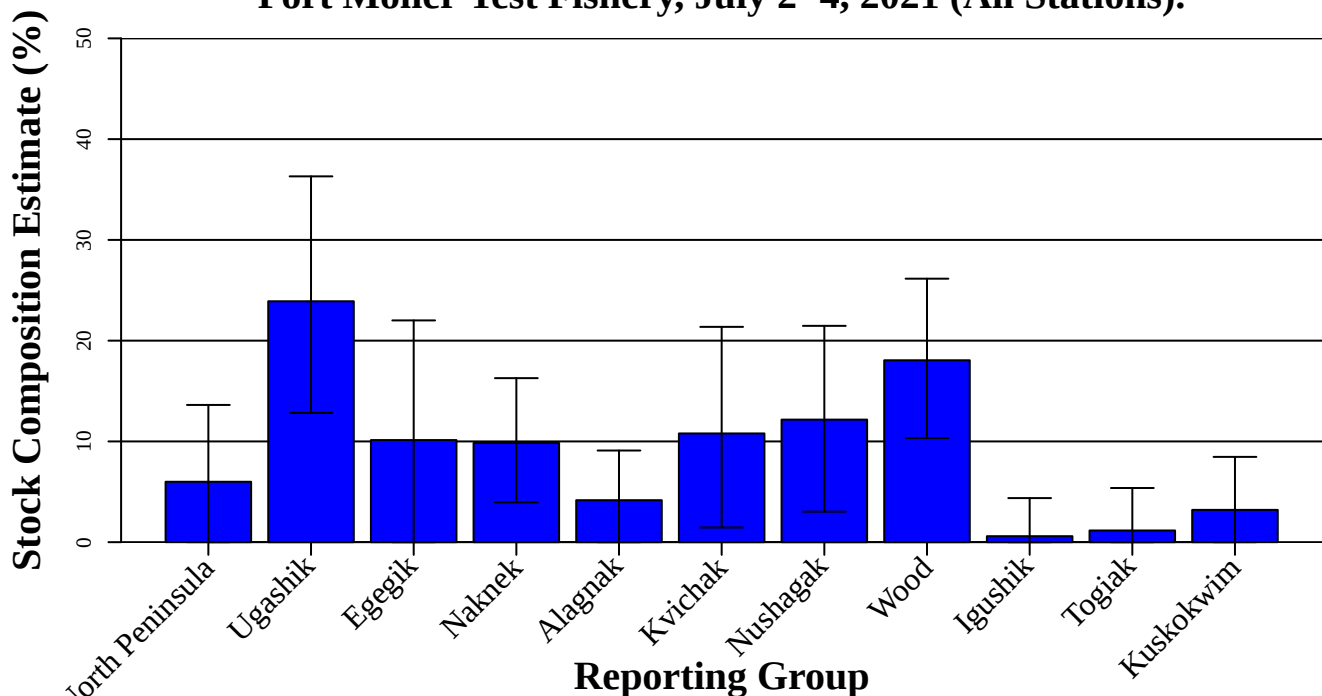
Port Moller Sockeye Salmon Stock Composition Summary

July 2–4, 2021 – All Stations

Genetic stock composition estimates for sockeye salmon from the Port Moller Test Fishery for July 2–4, 2021. A total of 548 fish were sampled and 190 were analyzed (180 had adequate data to include in the analysis).

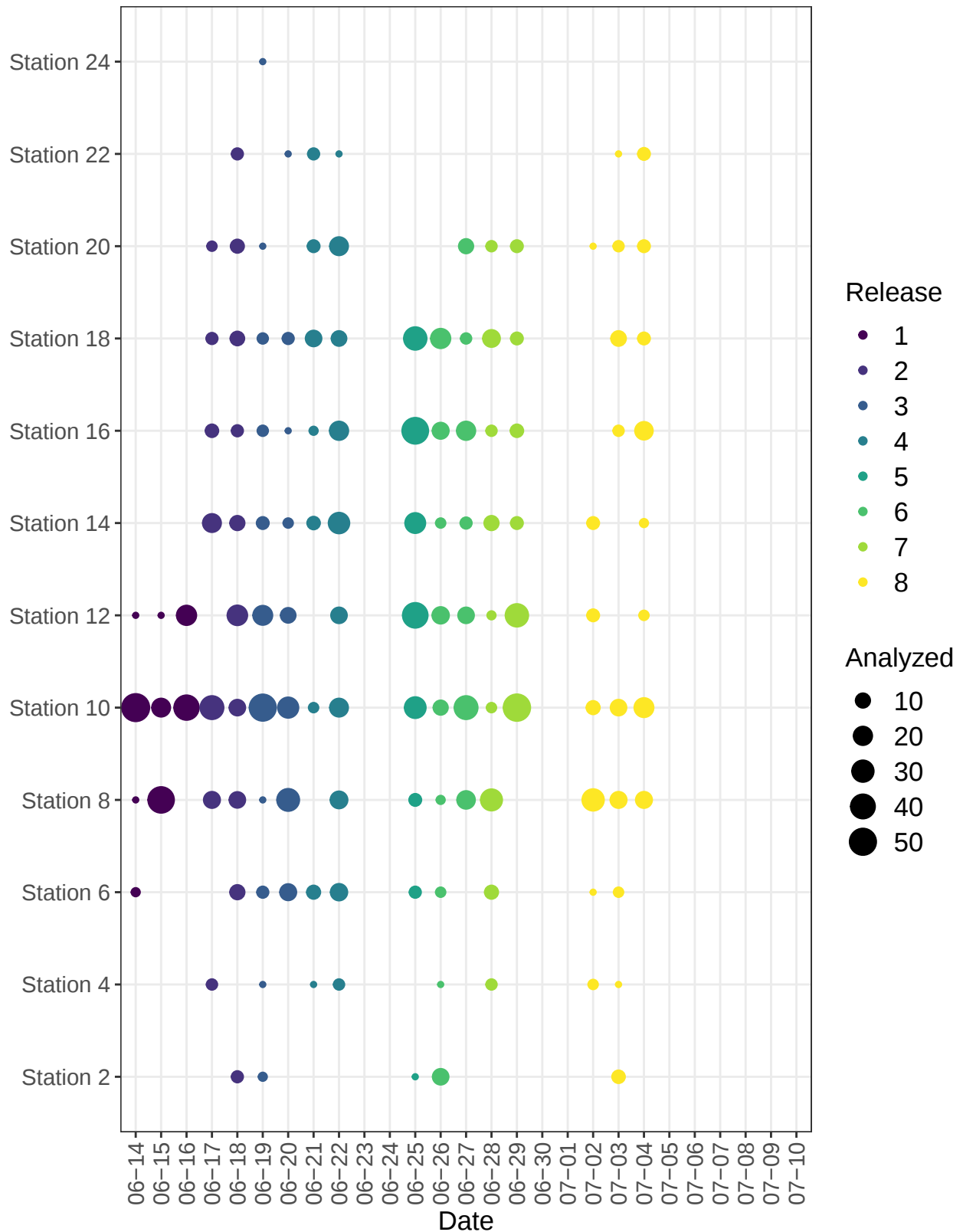
Reporting Group	Stock Composition Estimate	90% Confidence Intervals	
		Lower	Upper
North Peninsula	6.0%	0.0%	13.6%
Ugashik	23.9%	12.8%	36.3%
Egegik	10.1%	0.0%	22.0%
Naknek	9.8%	4.0%	16.3%
Alagnak	4.2%	0.0%	9.1%
Kvichak	10.8%	1.5%	21.4%
Nushagak	12.2%	3.0%	21.5%
Wood	18.1%	10.3%	26.2%
Igushik	0.6%	0.0%	4.4%
Togiak	1.2%	0.0%	5.4%
Kuskokwim	3.2%	0.0%	8.5%

Genetic Stock Composition Estimates for Sockeye Salmon Captured in the Port Moller Test Fishery, July 2–4, 2021 (All Stations).

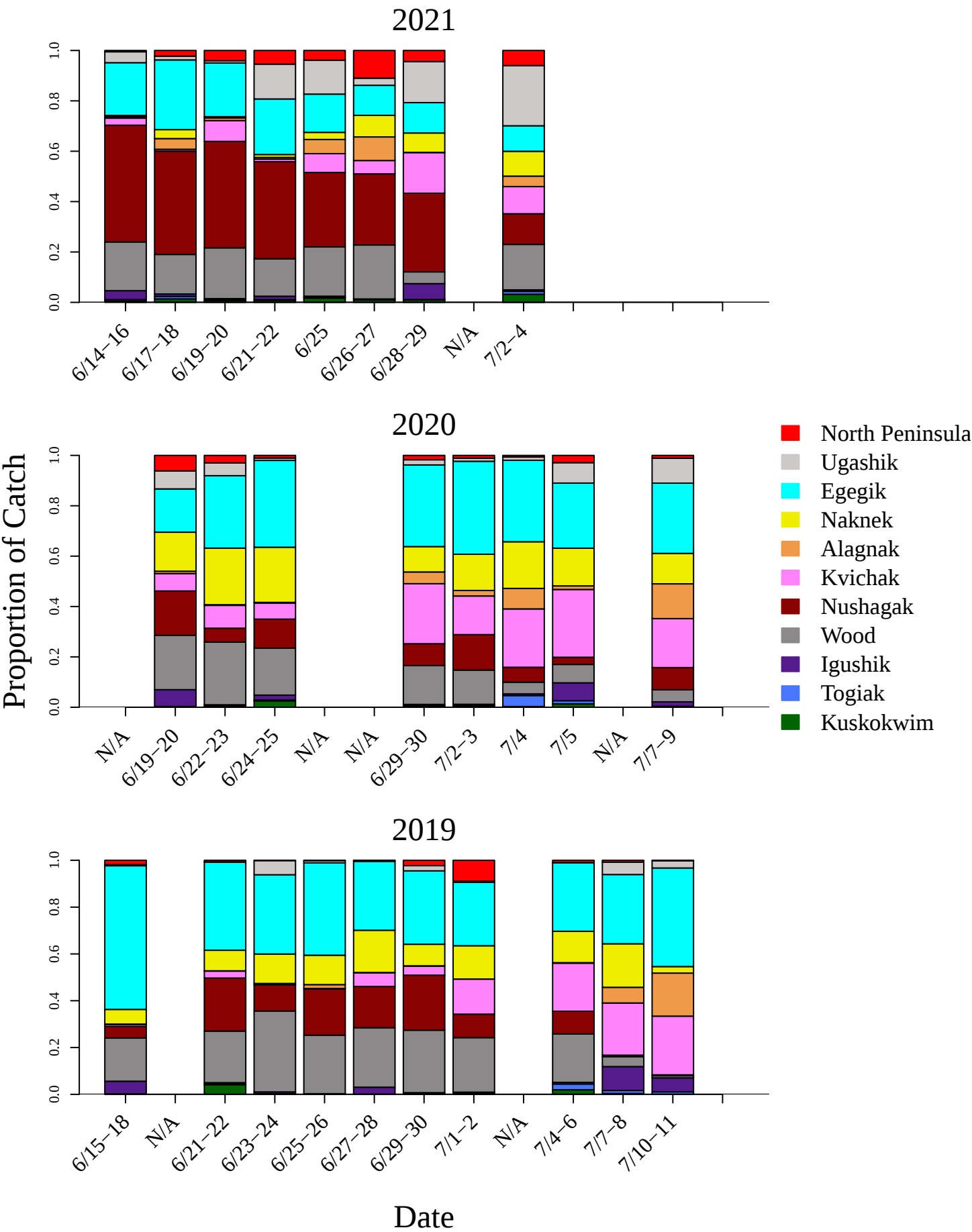


The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

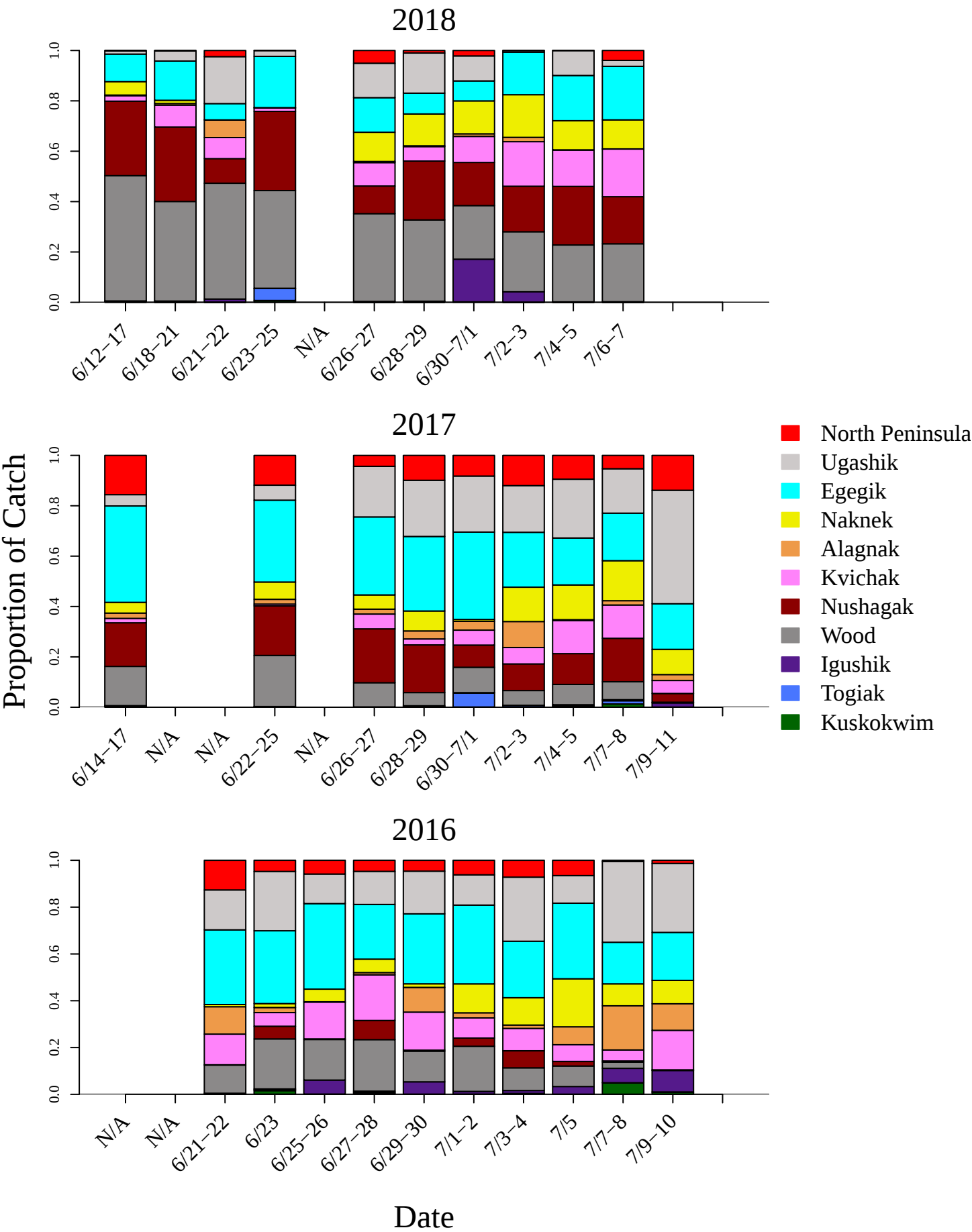
Number of Genetic Samples Analyzed by Date, Station, and Estimate Release Number Port Moller Test Fishery 2021



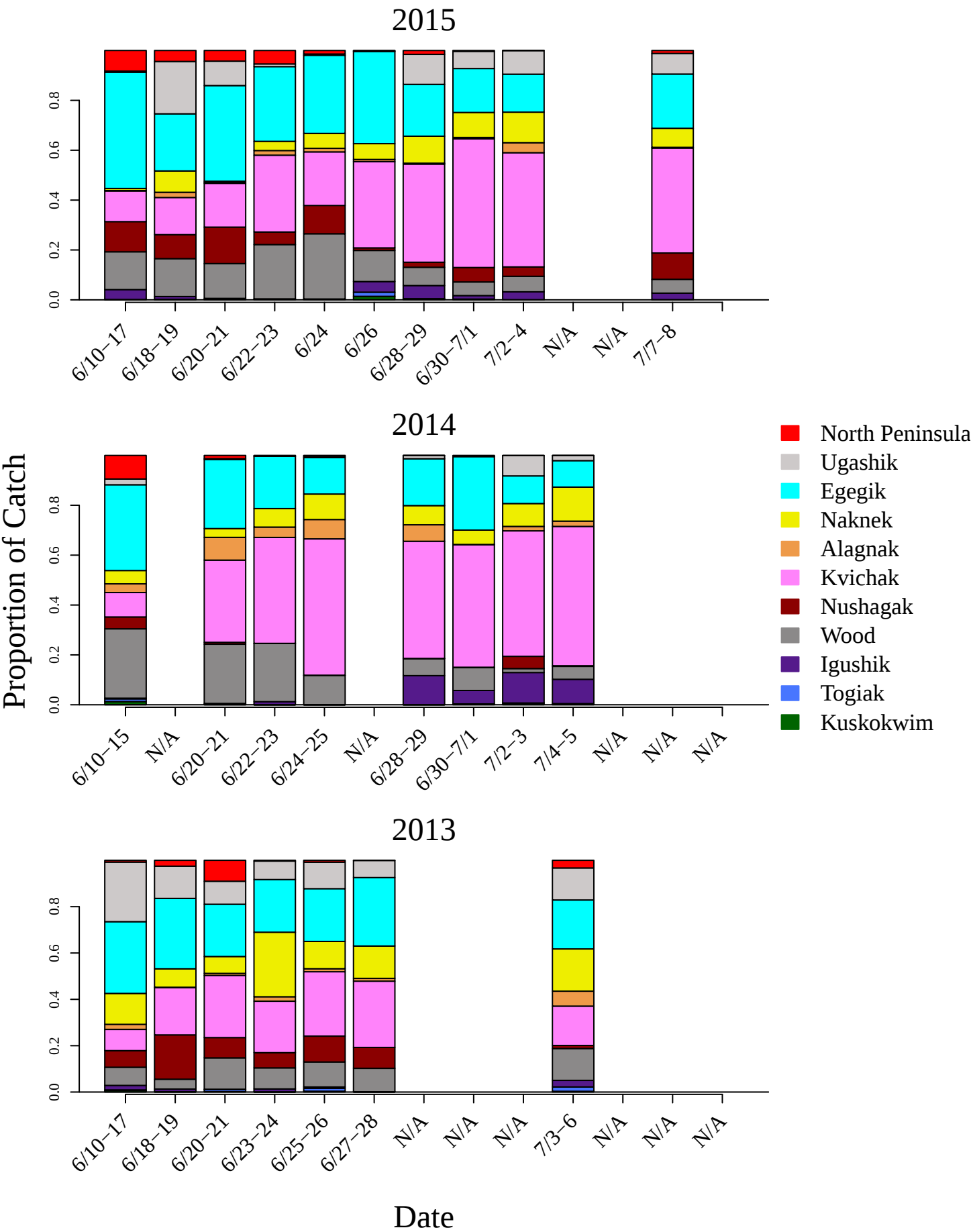
Historical Comparison of Stock Composition Estimates



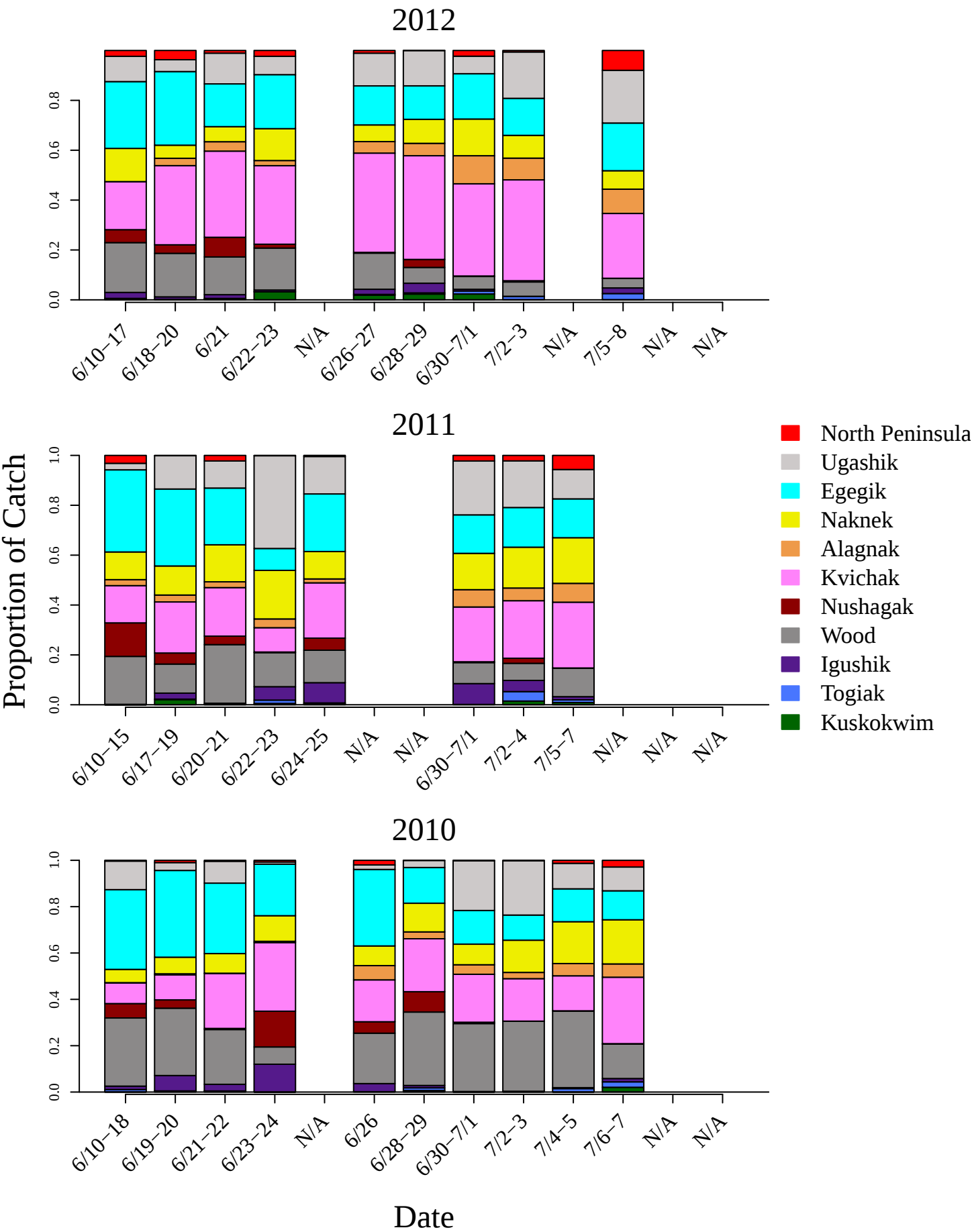
Historical Comparison of Stock Composition Estimates



Historical Comparison of Stock Composition Estimates



Historical Comparison of Stock Composition Estimates



Historical Comparison of Stock Composition Estimates

