

## Michael Link

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**From:** Scott Raborn <raborn@lgl.com>  
**Sent:** Saturday, July 10, 2021 3:15 PM  
**To:** Michael Link  
**Cc:** Scott Raborn  
**Subject:** PMTF Stock Comp. Estimate #9—samples from July 7-8, 2021  
**Attachments:** PM genetics inseason 7.7-8.2021.pdf

Everyone,

Attached is the 9<sup>th</sup> stock composition estimate from ADF&G for the 2021 Port Moller Test Fishery.

Stock Composition (Stations 2-20 from July 7-8):

| Reporting Group | Stock                | 90%   |       |
|-----------------|----------------------|-------|-------|
|                 | Composition Estimate | Lower | Upper |
| North Peninsula | 0.4%                 | 0.0%  | 1.9%  |
| Ugashik         | 14.4%                | 6.0%  | 23.5% |
| Egegik          | 14.8%                | 6.9%  | 23.1% |
| Naknek          | 14.0%                | 7.2%  | 21.5% |
| Alagnak         | 7.5%                 | 0.0%  | 13.7% |
| Kvichak         | 18.2%                | 11.0% | 26.5% |
| Nushagak        | 14.3%                | 7.7%  | 21.4% |
| Wood            | 13.0%                | 7.0%  | 19.8% |
| Igushik         | 0.7%                 | 0.0%  | 5.1%  |
| Togiak          | 0.4%                 | 0.0%  | 2.2%  |
| Kuskokwim       | 2.5%                 | 0.0%  | 10.9% |

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.

| Date  | Daily Catch Index by Station                                   |    |    |     |     |     |     |     |     |     |     |     |
|-------|--|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|       | (Est. catch from the 200 fathom net if it had fished for 1 hr) |    |    |     |     |     |     |     |     |     |     |     |
|       | S2   | S4 | S6 | S8  | S10 | S12 | S14 | S16 | S18 | S20 | S22 | S24 |
| 2-Jul | 0  | 28 | 4  | 272 | 69  | 37  | 41  | 0   | 0   | 13  | 22  | -   |
| 3-Jul | 22   | 7  | 15 | 129 | 120 | 0   | 0   | 23  | 67  | 34  | 4   | -   |
| 4-Jul | 0  | 4  | 0  | 130 | 202 | 16  | 10  | 112 | 38  | 55  | 37  | -   |
| 5-Jul | 7  | 16 | 41 | 79  | 94  | 69  | 7   | 10  | 75  | 0   | 20  | -   |
| 6-Jul | 7  | 16 | 39 | 77  | 93  | 71  | 47  | 36  | 31  | 26  | 20  | -   |
| 7-Jul |  |    |    | 163 | 60  | 159 | 34  | 55  | 0   |     |     | -   |
| 8-Jul | 3  | 0  | 0  | 284 | 67  | 45  | 39  | 32  | 38  | 24  |     | -   |
| 9-Jul |  |    |    |     |     |     |     |     |     |     |     | -   |

All for now,

Scott and Michael

# Bristol Bay Sockeye Salmon Fishery

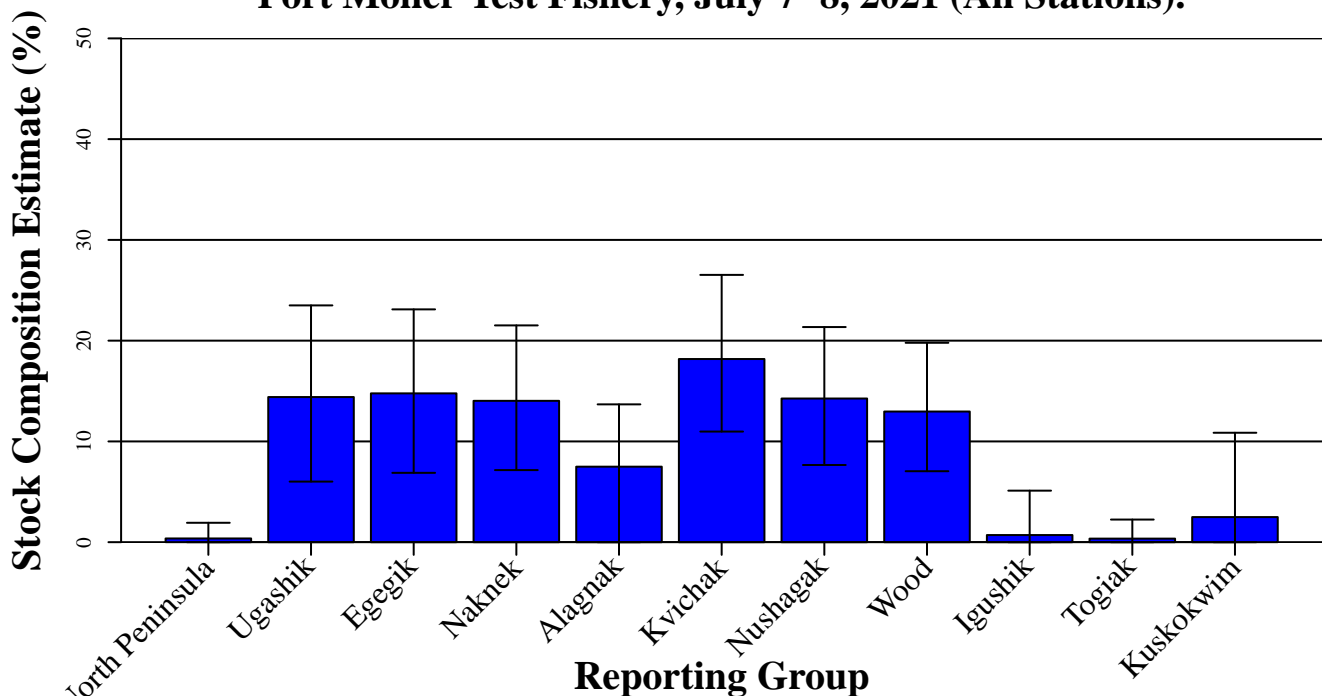
## Port Moller Sockeye Salmon Stock Composition Summary

July 7–8, 2021 – All Stations

Genetic stock composition estimates for sockeye salmon from the Port Moller Test Fishery for July 7–8, 2021. A total of 444 fish were sampled and 190 were analyzed (182 had adequate data to include in the analysis).

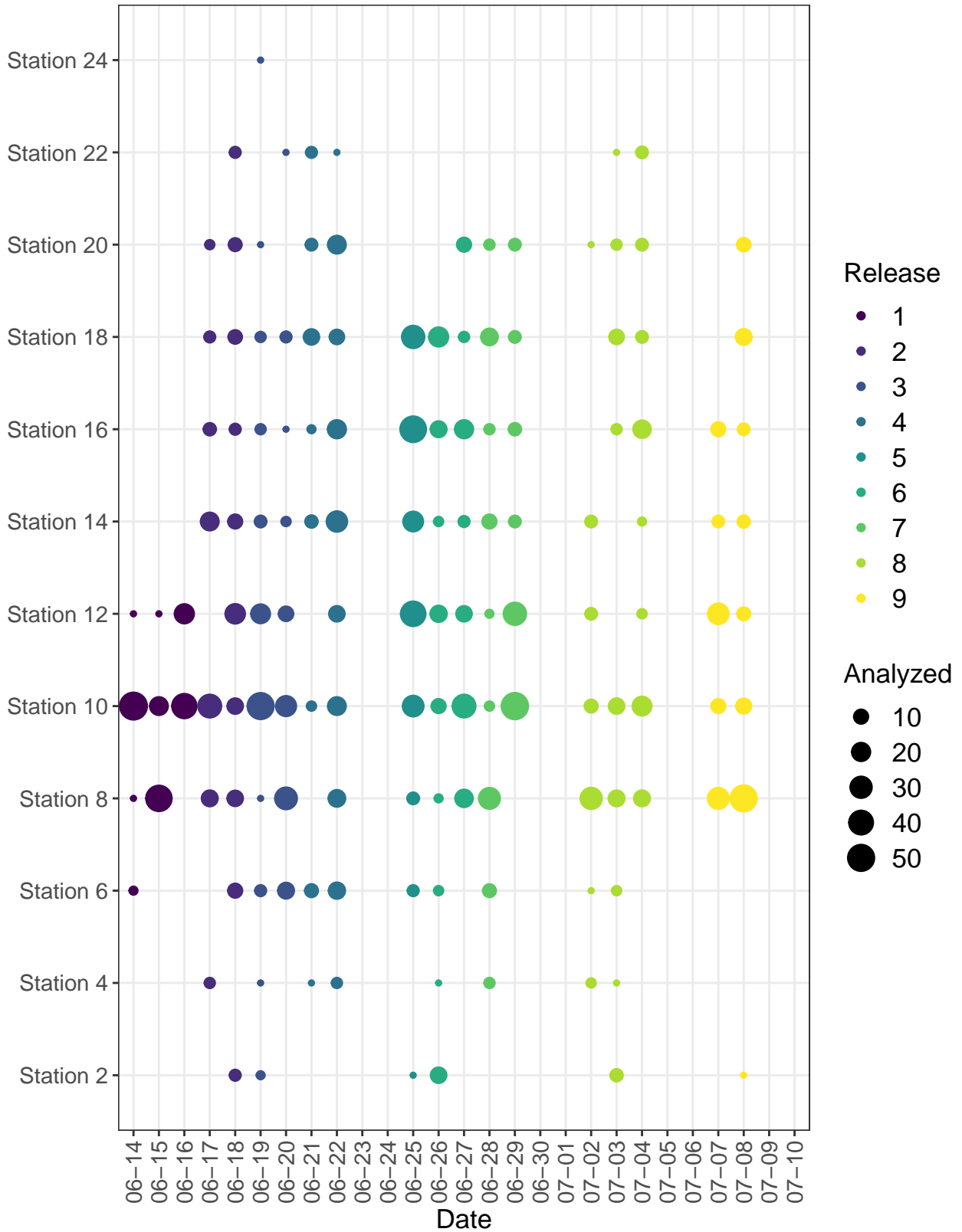
| Reporting Group | Stock                | 90%   |       |
|-----------------|----------------------|-------|-------|
|                 | Composition Estimate | Lower | Upper |
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| Kuskokwim       | 2.5%                 | 0.0%  | 10.9% |

**Genetic Stock Composition Estimates for Sockeye Salmon Captured in the Port Moller Test Fishery, July 7–8, 2021 (All Stations).**



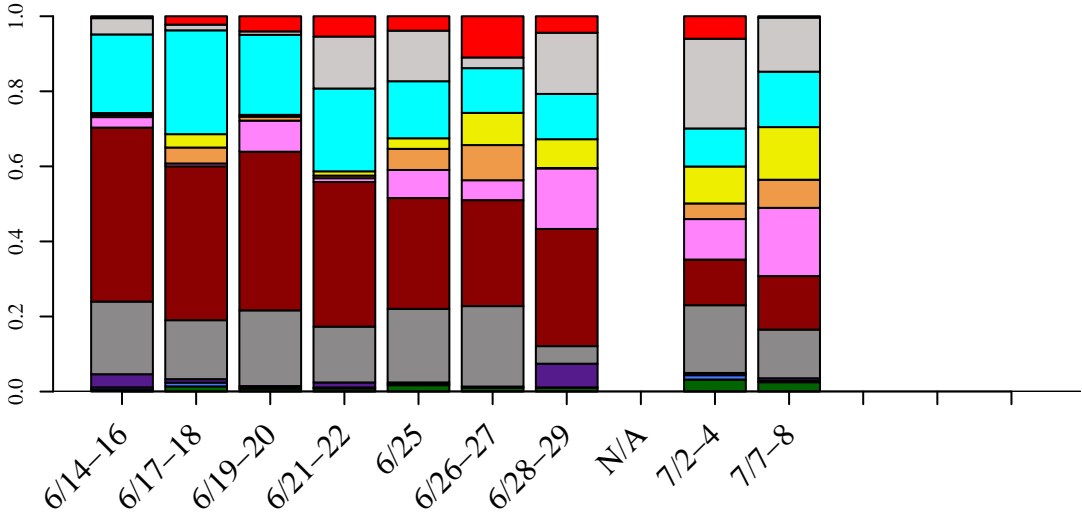
The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

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

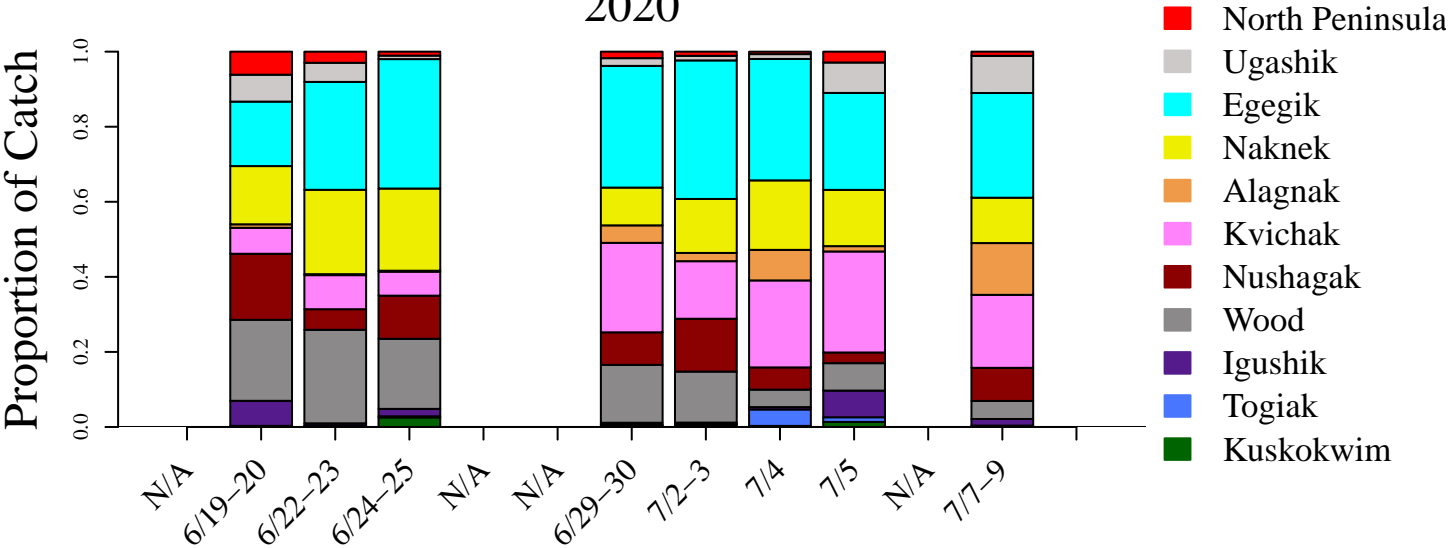


# Historical Comparison of Stock Composition Estimates

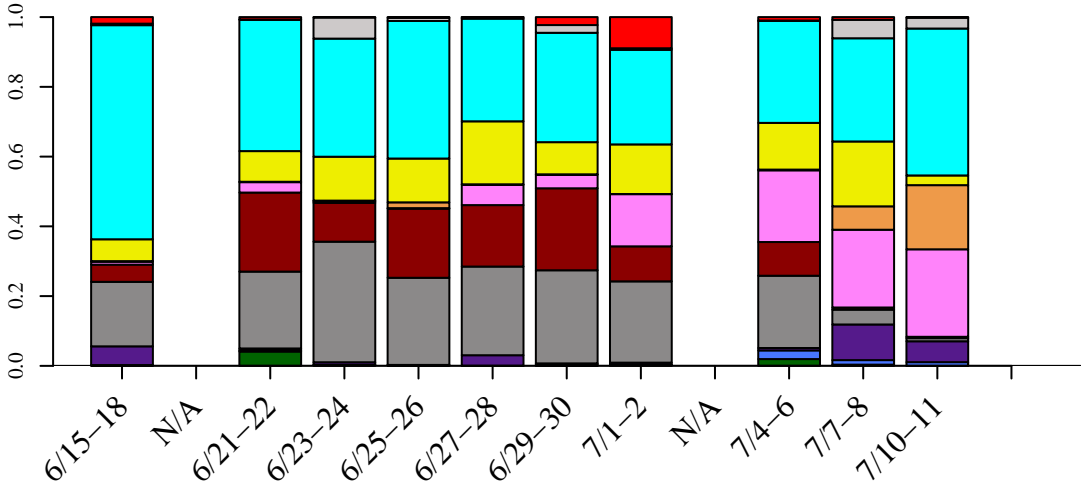
2021



2020



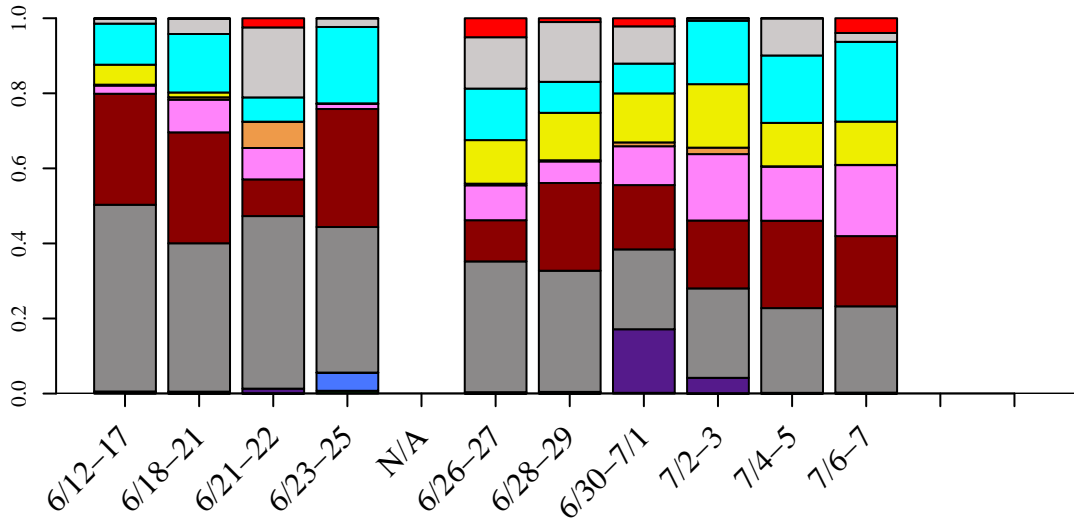
2019



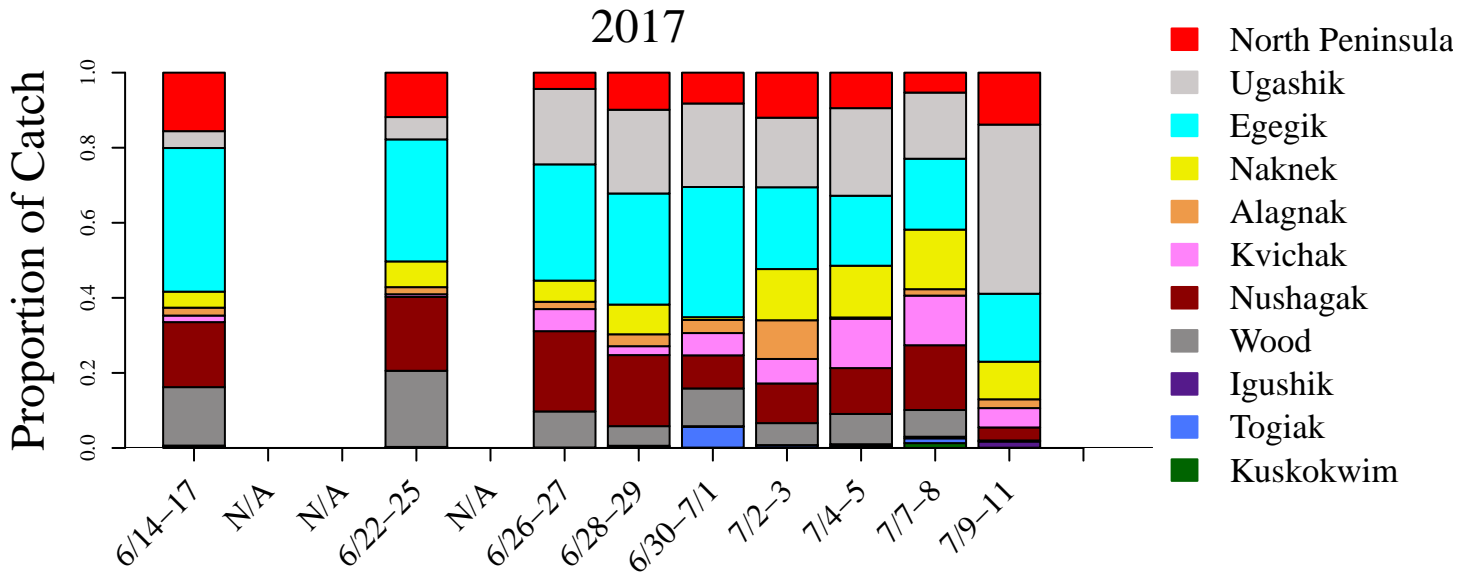
Date

# Historical Comparison of Stock Composition Estimates

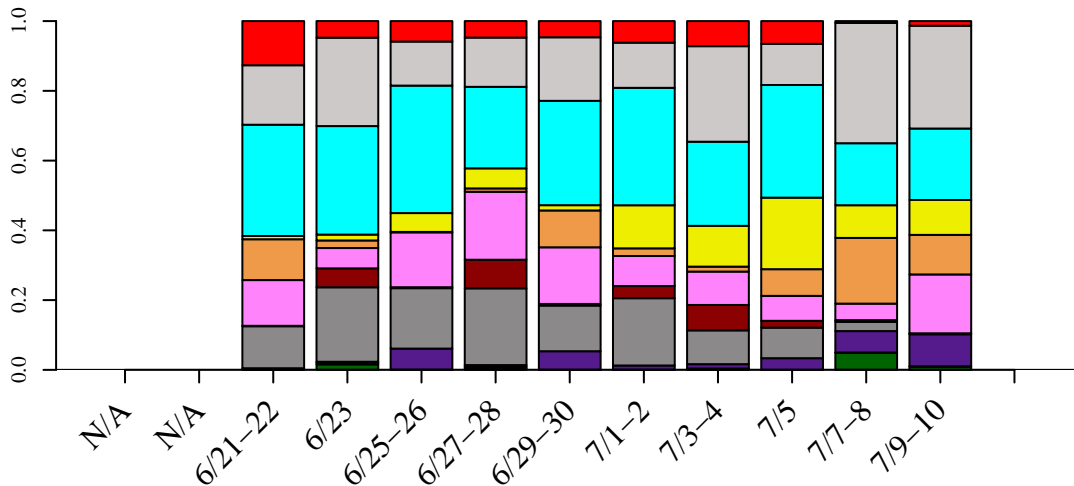
2018



2017



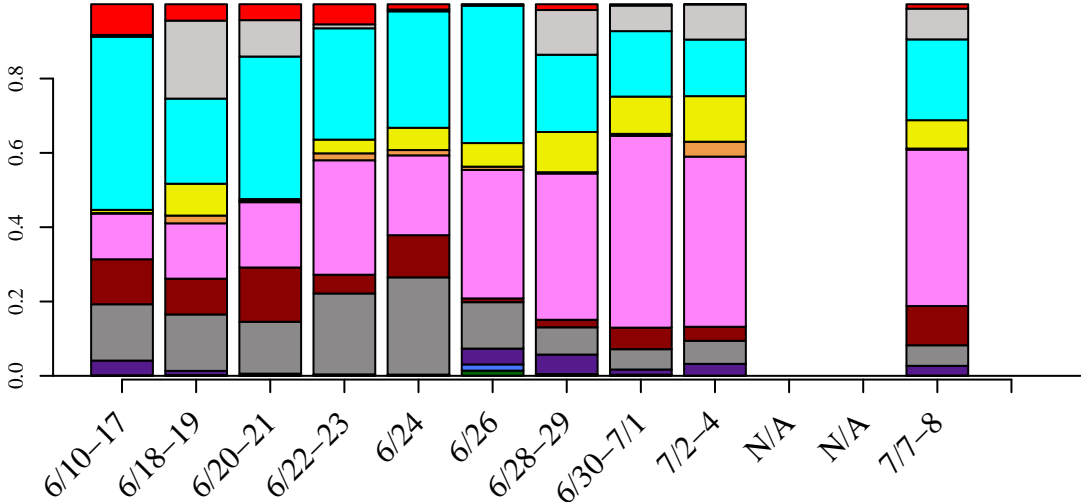
2016



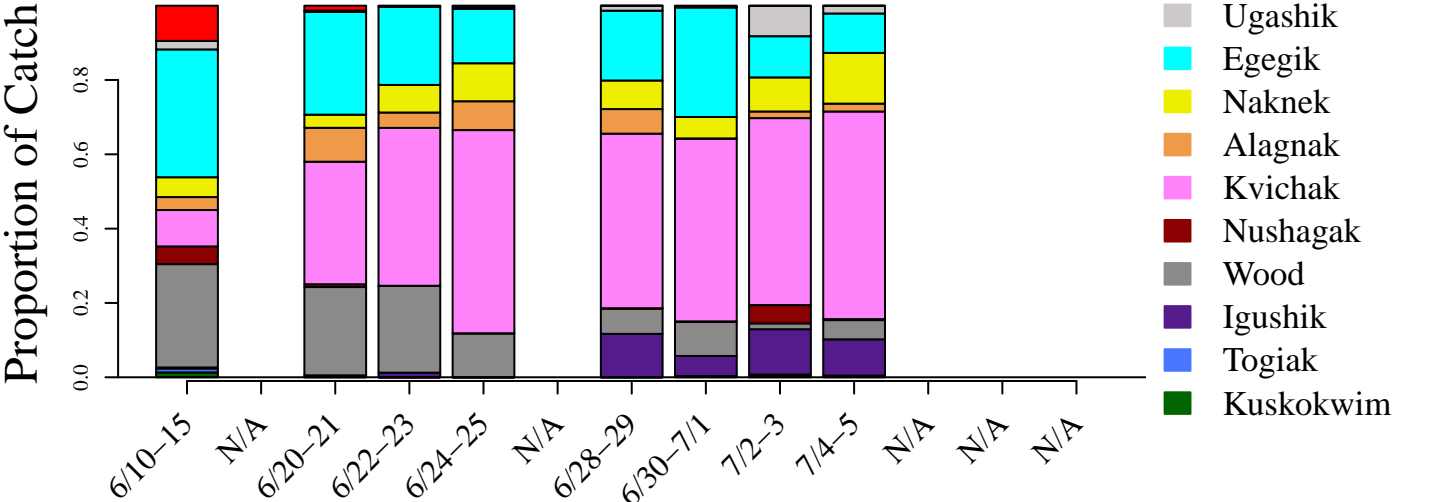
Date

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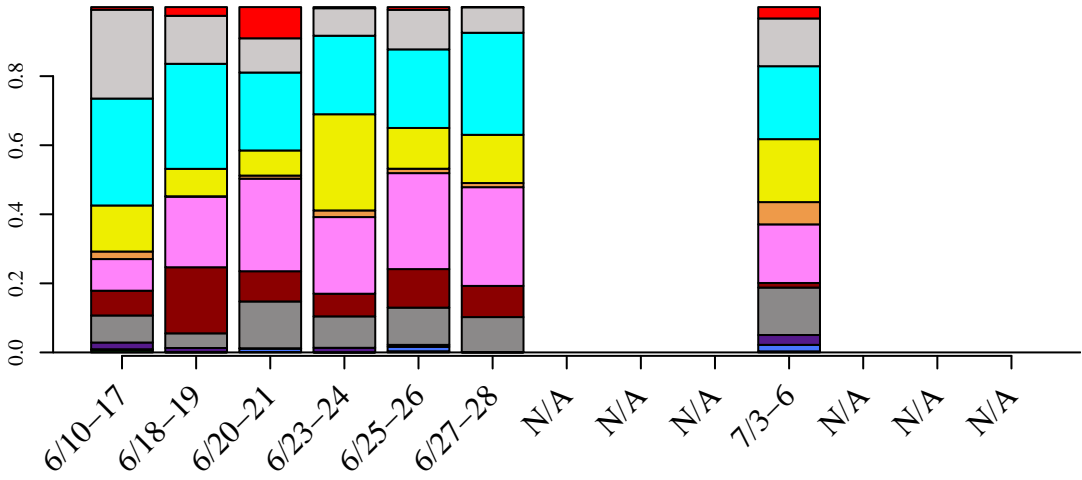
2015



2014



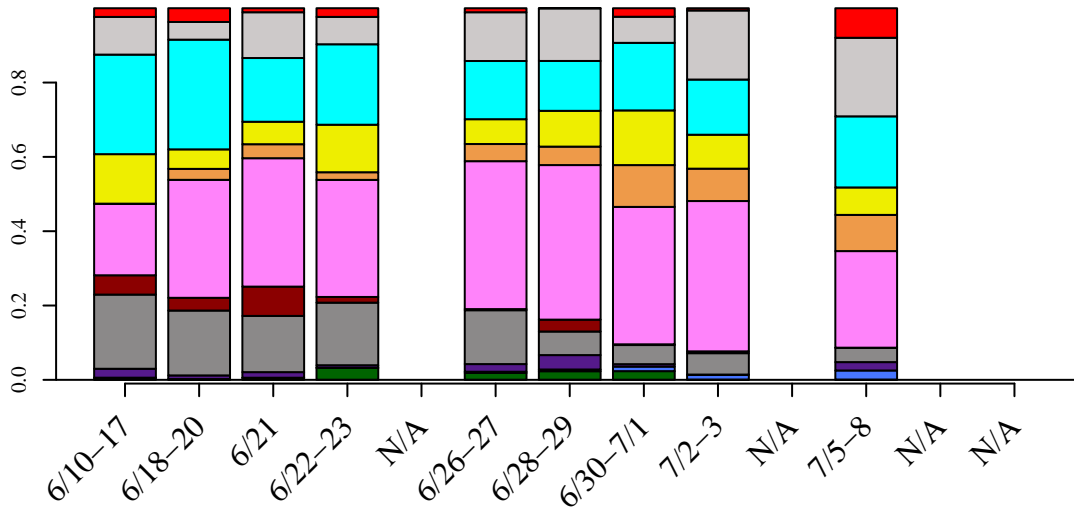
2013



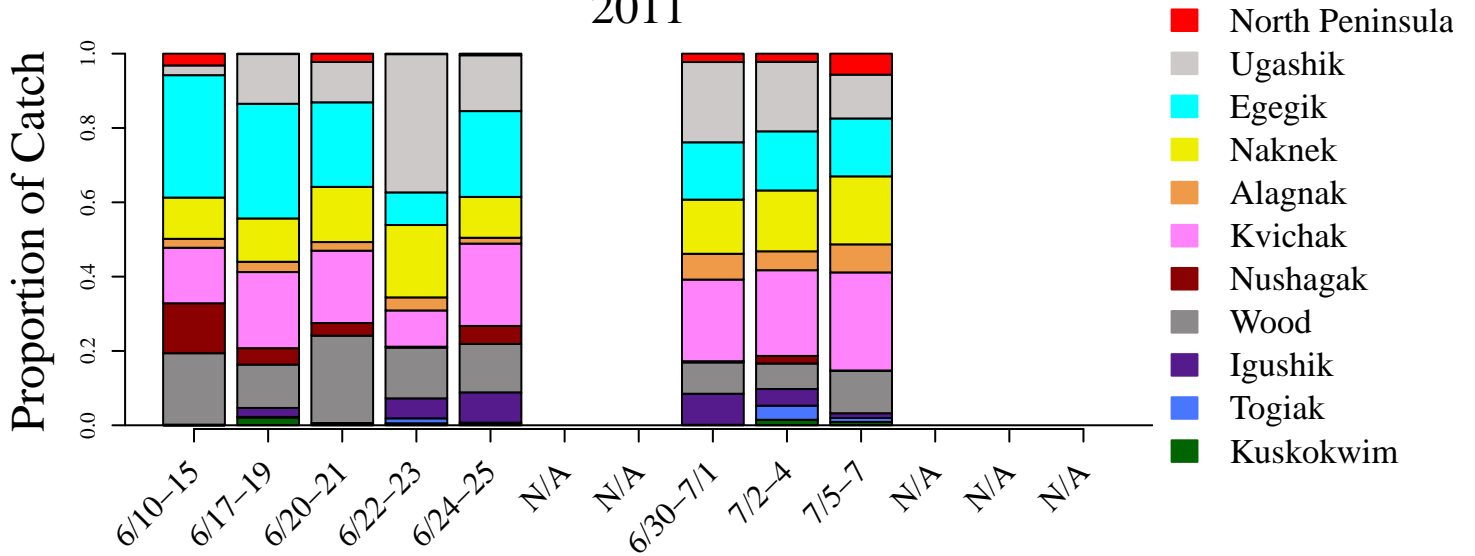
Date

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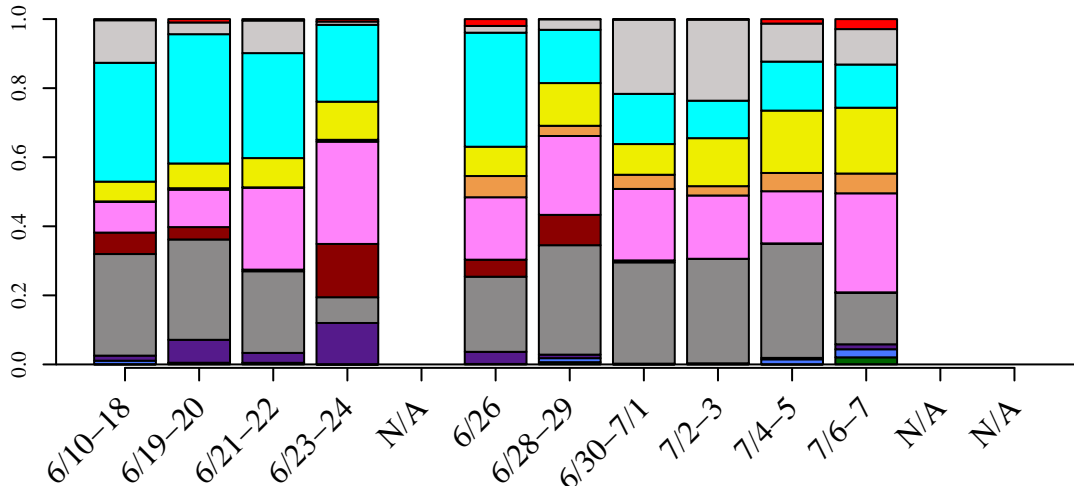
2012



2011



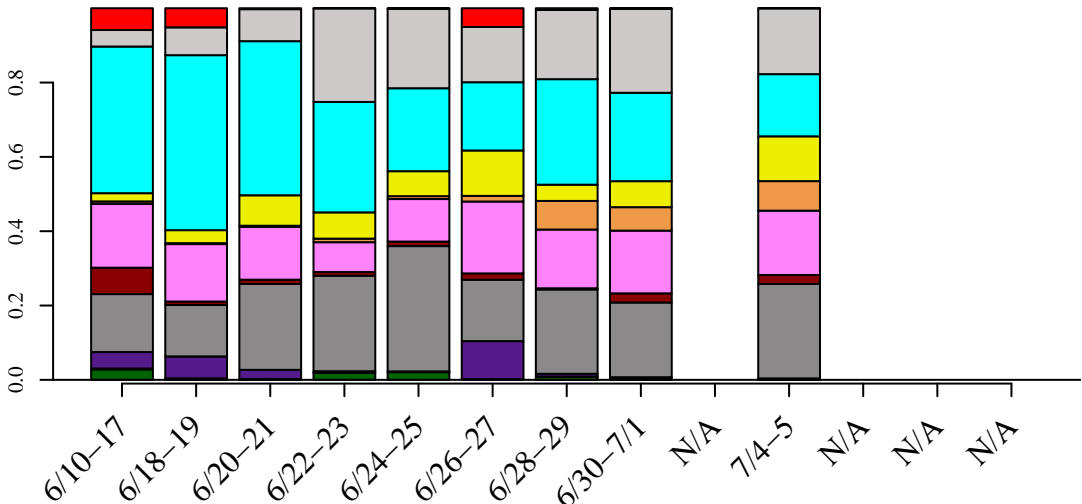
2010



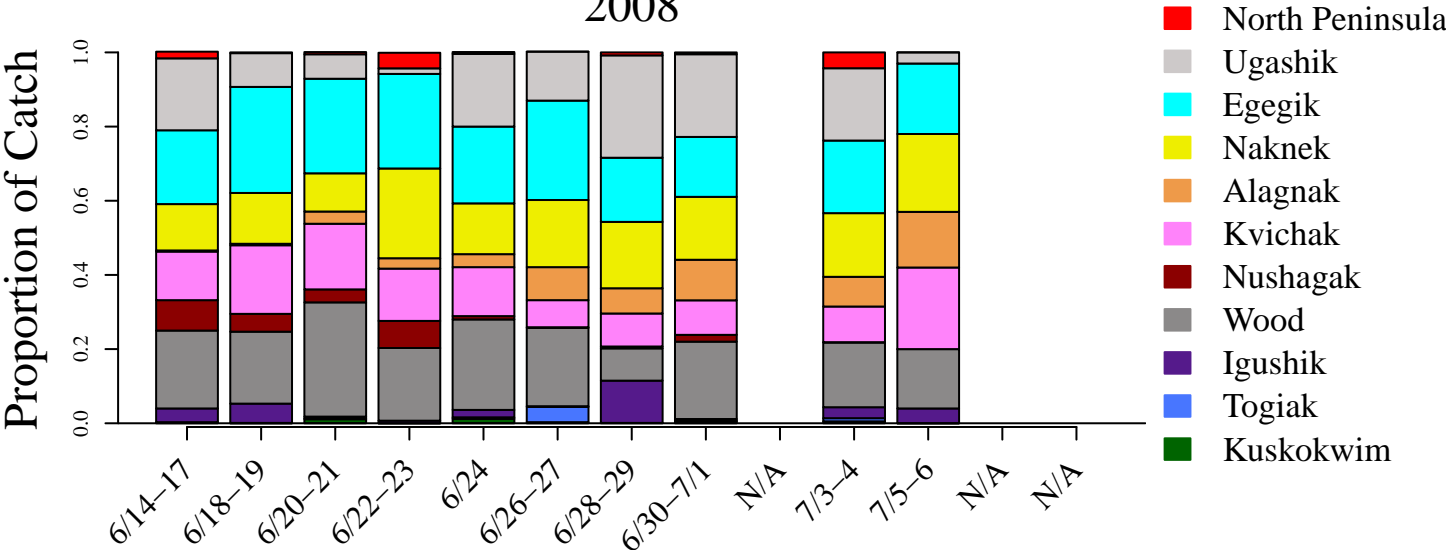
Date

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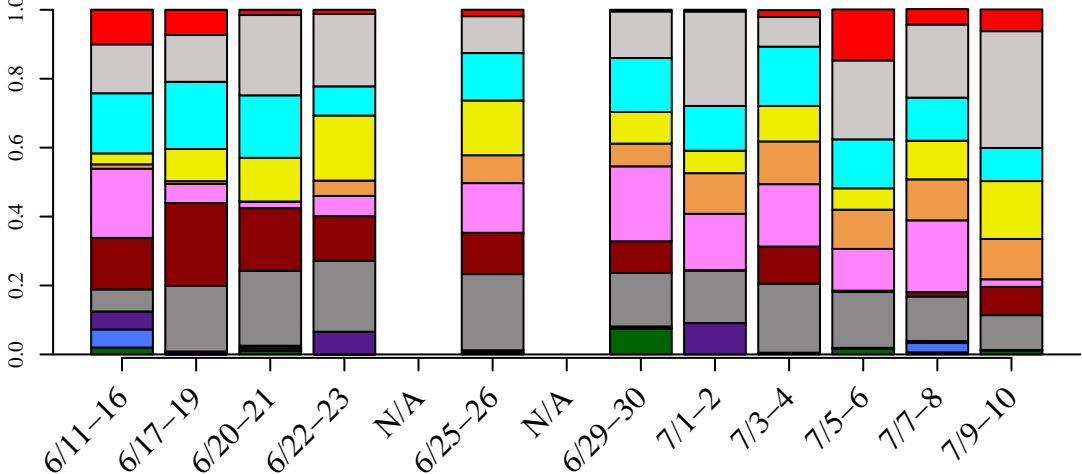
2009



2008



2007



Date