

Michael Link

From: Scott Raborn <raborn@lgl.com>
Sent: Thursday, June 25, 2020 7:53 PM
Cc: Michael Link
Subject: PMTF Update #14, June 25
Attachments: Catch Update #14 June 25.pdf; PortMollerTF_RawData - June 25 2020.pdf

Attached are tonight's catch update and the raw data files. Note: we had the boats fish odd numbered stations to assess how wide the band of fish at Station 10 might be. These catches are not included in the attached catch update, but we did include them in the body of this email (see below).

PMTF Stock Composition Status: The *Americanus* will fish towards Port Moller tomorrow (June 26) with genetic samples from 6/24 (n=210) and 6/25 (n=187). Our plan is to deliver these samples to the Gene Lab no later than Saturday (June 27).

Summary of today's catch indices as follows:

<u>Station</u>	<u>Index</u>
Stn2	0
Stn4	12
Stn6	2
Stn8	34
Stn9	42
Stn10	70
Stn11	54
Stn12	110
Stn13	27
Stn14	33
Stn16	18
Stn18	4
Stn20	3
Stn22	88

Daily Index (Stations 2-10) = 24

Cumulative Daily Index (Stations 2-10) = 237

All for now,

Scott and Michael

Port Moller Test Fishery: Catch Update #14, 25 June 2020.All updates sent by email are also posted online at www.bbsri.org

Date	Daily Catch Index by Station													Mean Daily Catch Index		Raw catches		Mean Length (mm)			
	(Est. catch from the 200 fathom net if it had fished for 1 hr)													Best for comparison w/ prev years		Best for assessing entry pattern this year		4½" mesh	5½" mesh	4½" mesh	5½" mesh
	S2	S4	S6	S8	S10	S12	S14	S16	S18	S20	S22	S24	S26	(Stns 2-10)	(Stns 2-22)						
10-Jun	1	1	3	5	8	8	5	2	1	1	0			4	3						
11-Jun	1	1	3	6	10	11	7	3	1	1	0			4	4						
12-Jun	2	0	0	0	60	3	0	0	2	1	0			12	6	27	0	491			
13-Jun	1	2	0	0	60	11	4	13	0	1	0			13	8	15	18	478	495		
14-Jun	1	0	2	0	0	5	23	2	2	1	1			1	3	8	5	515	510		
15-Jun	5	0	0	44	8	5	48	7	3	1	1			11	11	15	30	487	512		
16-Jun	1	3	7	14	22	24	16	8	4	2	1			10	9						
17-Jun	2	10	8	23	13	25	17	10	5	3	1			11	10	12	6	466	508		
18-Jun	2	4	9	19	27	26	18	11	6	3	2			12	12						
19-Jun	2	4	10	19	2	16	0	19	0	5	3			8	7	16	9	491	496		
20-Jun	0	0	2	51	63	34	4	35	4	7	5			23	18	106	36	496	512		
21-Jun	2	5	12	27	38	33	22	14	11	9	7			17	16						
22-Jun	2	5	13	18	98	17	25	17	14	13	10			27	21	15	42	505	523		
23-Jun	2	6	23	37	87	25	19	19	14	1	15			31	23	96	68	495	522		
24-Jun	2	2	8	31	108	47	2	37	75	41	23	0		30	34	87	123	503	485		
25-Jun	0	12	2	34	70	110	33	18	4	3	88			24	34	123	64	502	514		
26-Jun																					
27-Jun																					
28-Jun																					
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Mean Stn Index	2	3	6	21	42	25	15	14	9	6	10	0			Total =	520 (56%)	401 (44%)	497	506		
Red index values were estimated with a statistical model built upon the observed pattern across catch indices to date; thus, these values are subject to change as the season progresses.																					

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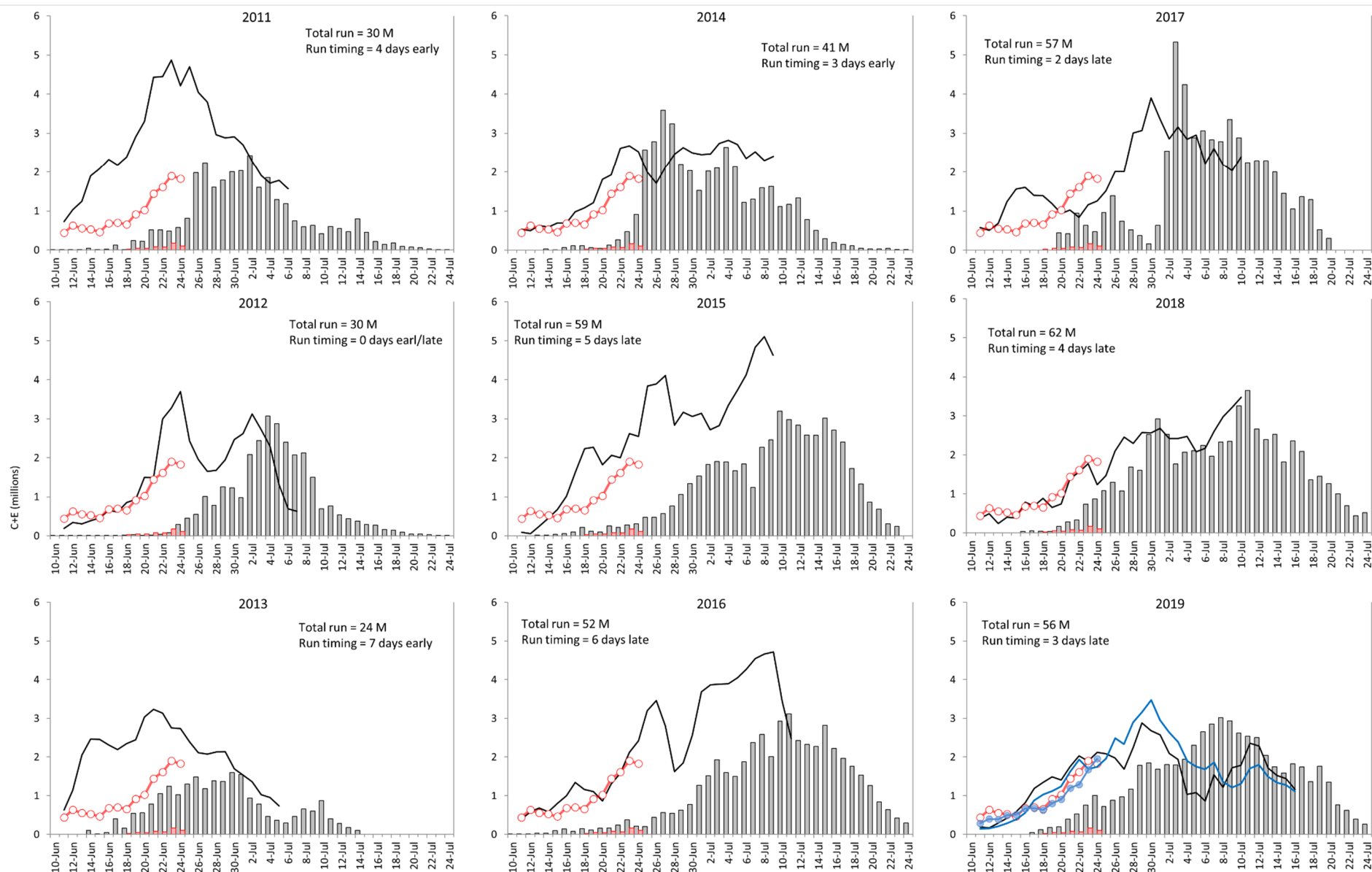


Figure 1. Port Moller daily index and inshore catch + escapement (C+E) for 2011-2020. Gray bars reflect observed C+E for historical years scaled to the left vertical axis; red bars reflect observed C+E for 2020. Black lines are the respective Daily Port Moller Catch Indices for each historical year; the red line is the Daily Catch Index for 2020 based on Stations 2-10 (units for the daily indices are not shown, but all graphs are scaled the same). For the 2019 graph (bottom right), the blue lines are the Daily Catch Indices based on Stations 2-22. All Port Moller Indices represent a 3-day moving average. Run timing for C+E was estimated by comparing each year's date when 50% of the run reached inshore to this average date for year's 1985-2019.