

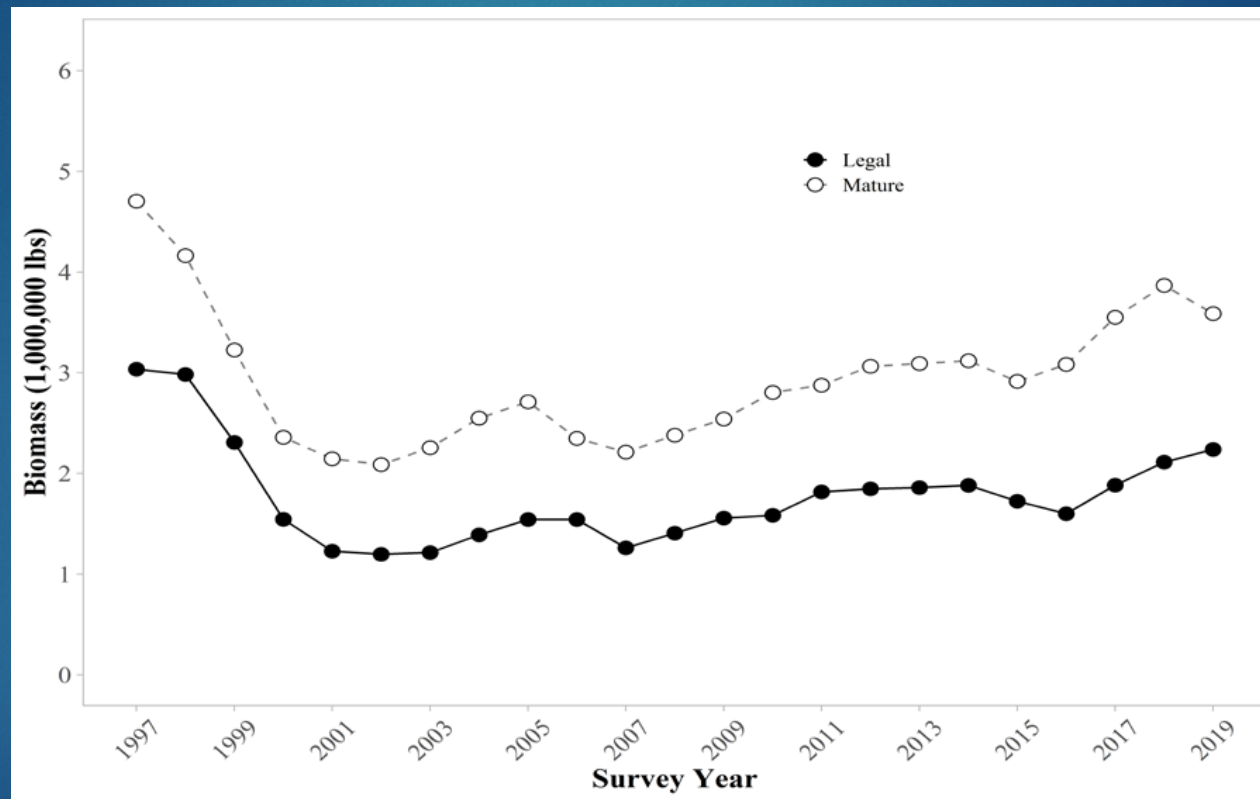


2019 Tanner Crab Survey Results



KING AND TANNER TASK FORCE MEETING
12.13.2019

Trends in Male Tanner crab: Mature and Legal Biomass Estimates



SEAK Mature
Tanner Crab
Biomass:

2018/2019

Estimate: 6.62 million pounds

2019/2020 (current season):

Estimate: 5.44 million pounds

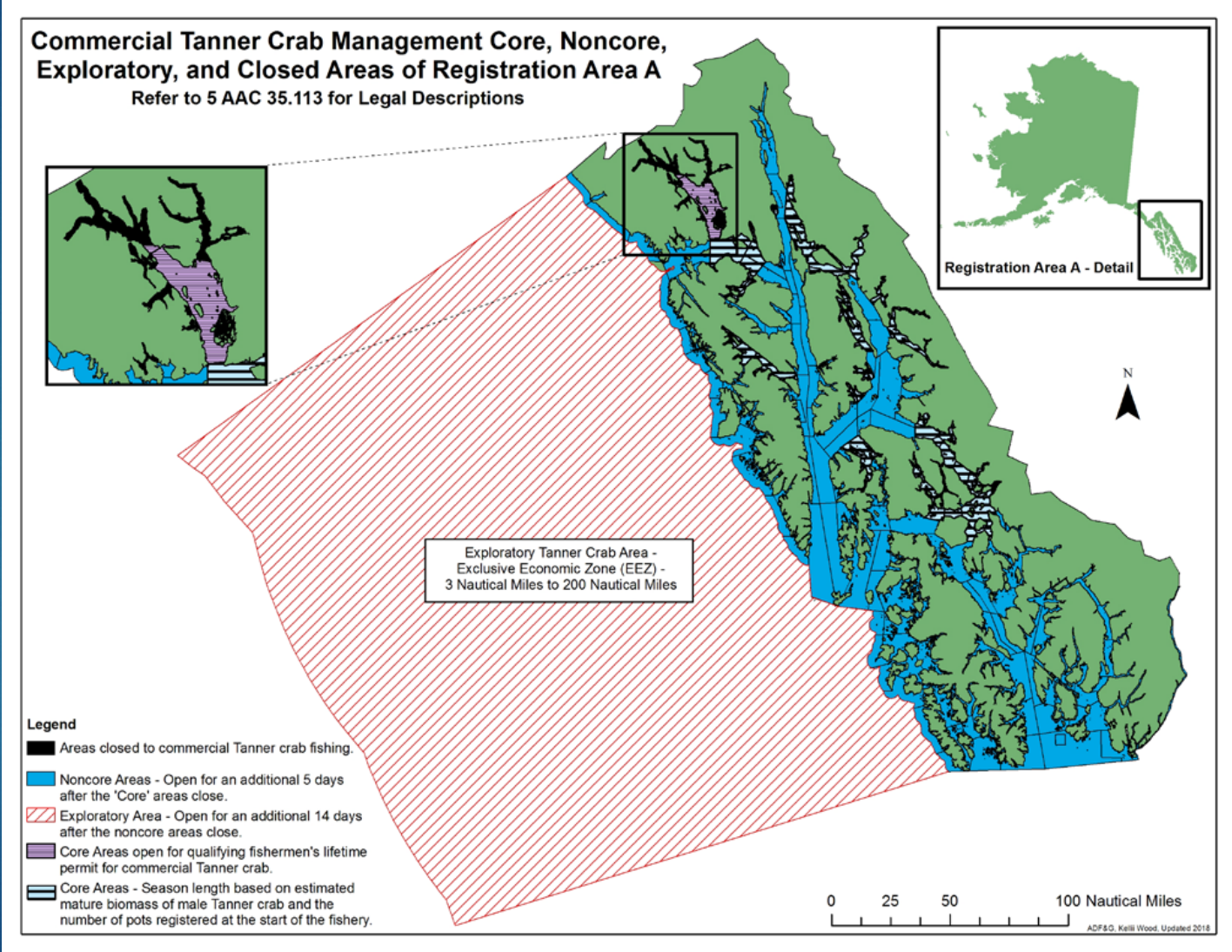
Tanner Crab Harvest Strategy

5 AAC 35.113

Pots Registered	Additional Fishing Days	Additional Fishing Days
	<i>Mature Biomass is Between 2,300,000 and 5,500,000 lb</i>	<i>Mature Biomass is Greater than 5,500,000 lb</i>
1,600 – 2,399	4 Additional Days	5 Additional Days
2,400 – 3,199	3 Additional Days	4 Additional Days
3,200 – 3,999	2 Additional Days	3 Additional Days
4,000 – 5,599	1 Additional Days	2 Additional Days
5,600 – 7,000	0 Additional Days	1 Additional Days

2019/2020

Core and Non-Core Survey Areas



Catch Survey Analysis (CSA) Overview



2015 CSA Changes:

- Port Camden and Port Frederick removed from survey.
- Stephens Passage removed from Tanner crab survey, but Tanner crab abundance is still assessed through red king crab survey.

Highlights →

- **5.44 million pounds of mature male crab (>108 mm carapace width).**
- **3.39 million pounds of legal male crab (>140 mm carapace width).**
- **Decrease of 0.73 million pounds of legal male Tanner crab (-17.7%) from the 2018 estimate.**

Stock Health:

- Poor in ONE area
- Below average in ONE area
- Moderate in FOUR areas.
- Above average in FIVE areas.
- Healthy in ONE area.

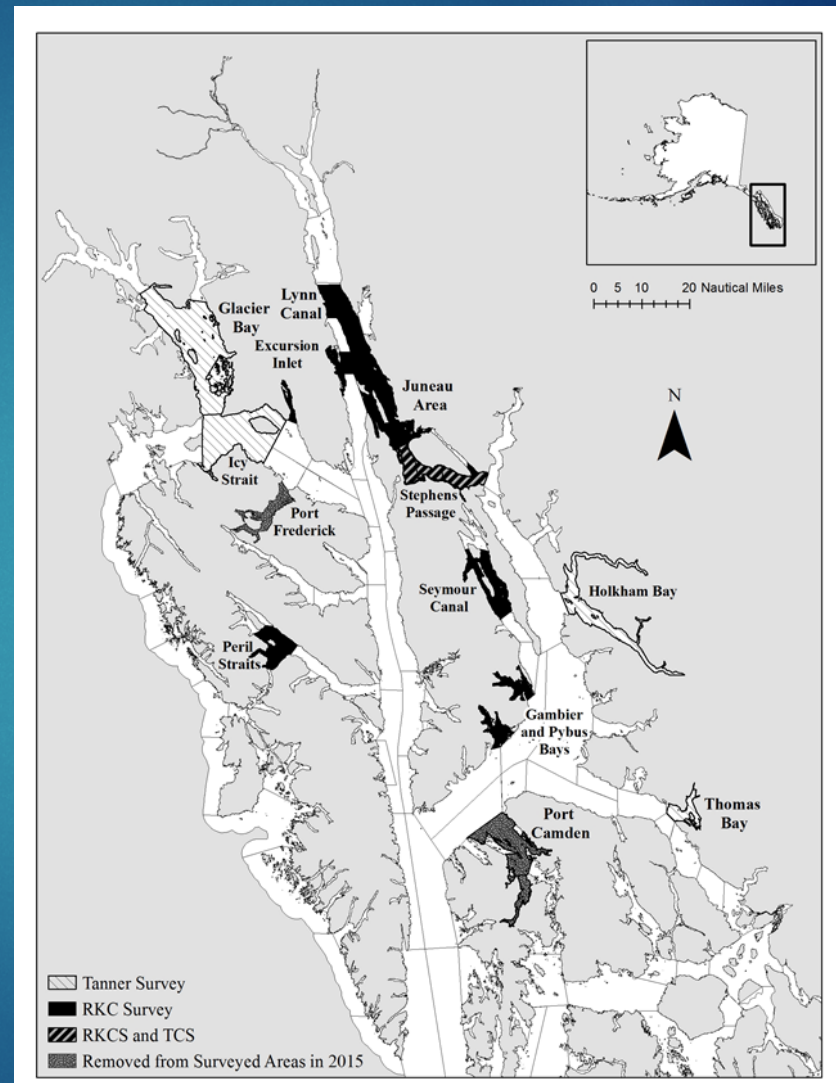
Survey Areas

Tanner Crab:

Icy Strait
Glacier Bay
Thomas Bay
Holkham Bay

Red King Crab:

Stephens Passage
Seymour Canal
North Juneau
Excursion Inlet
Pybus Bay
Gambier Bay
Peril Strait
Lynn Sisters

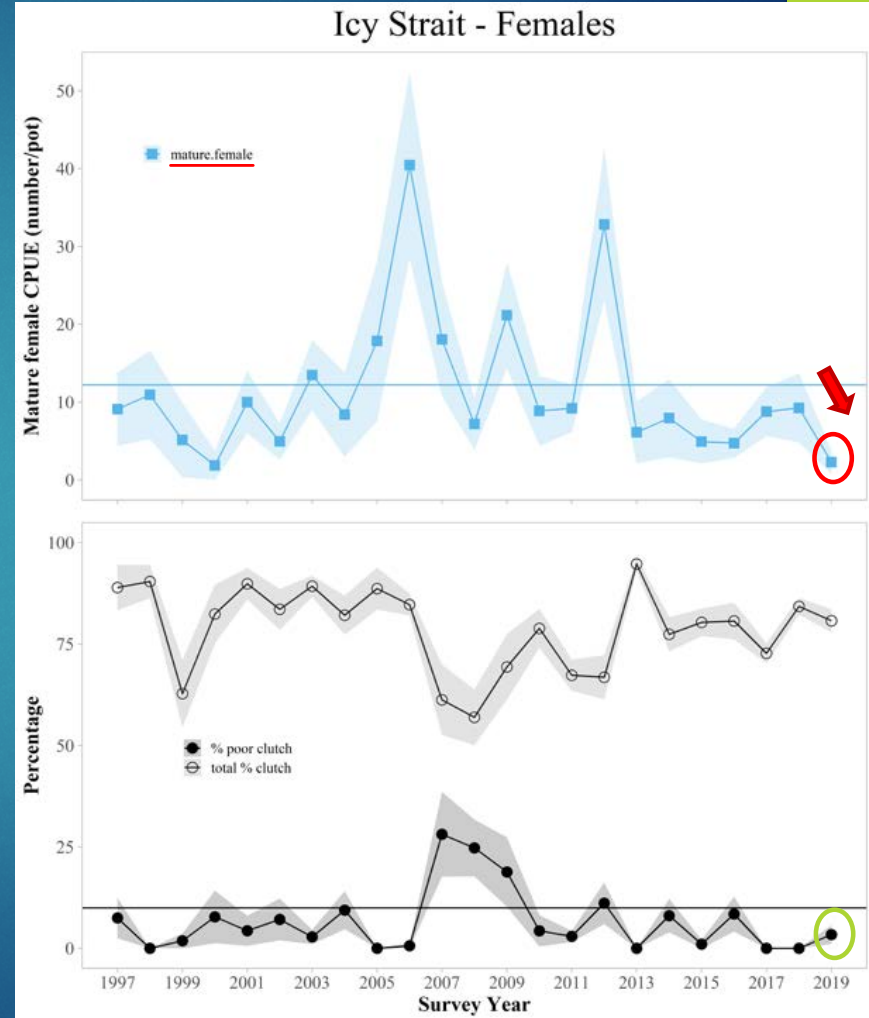
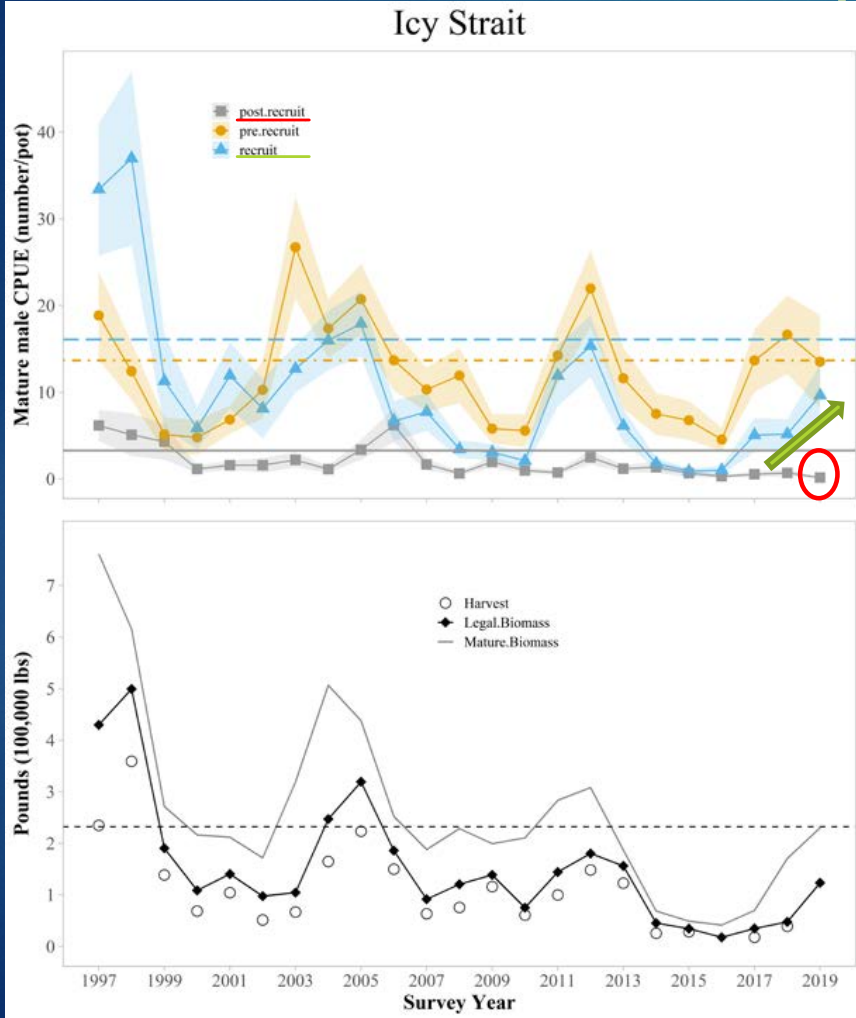


Bay by Bay Review

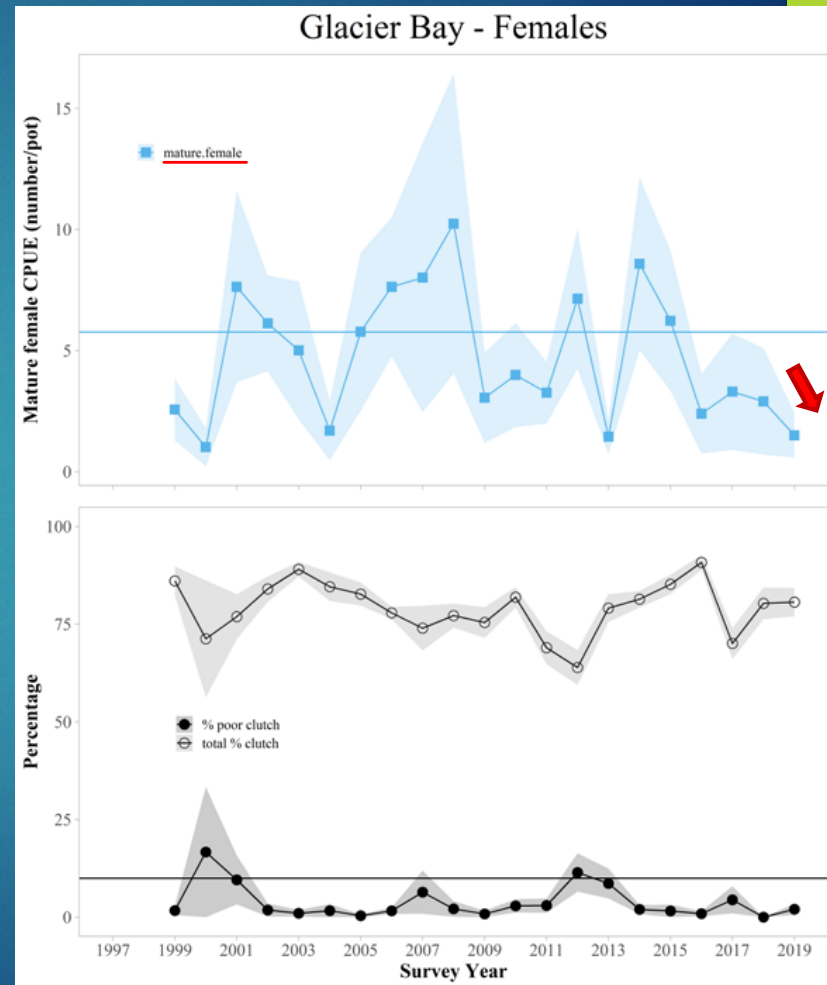
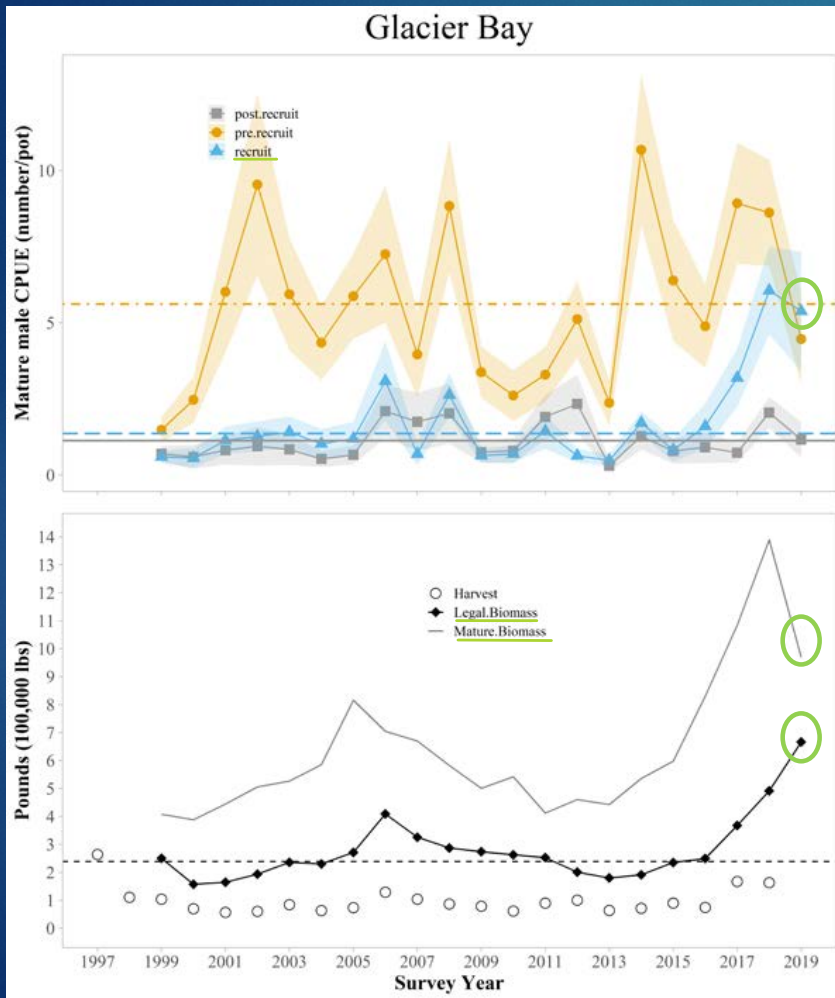
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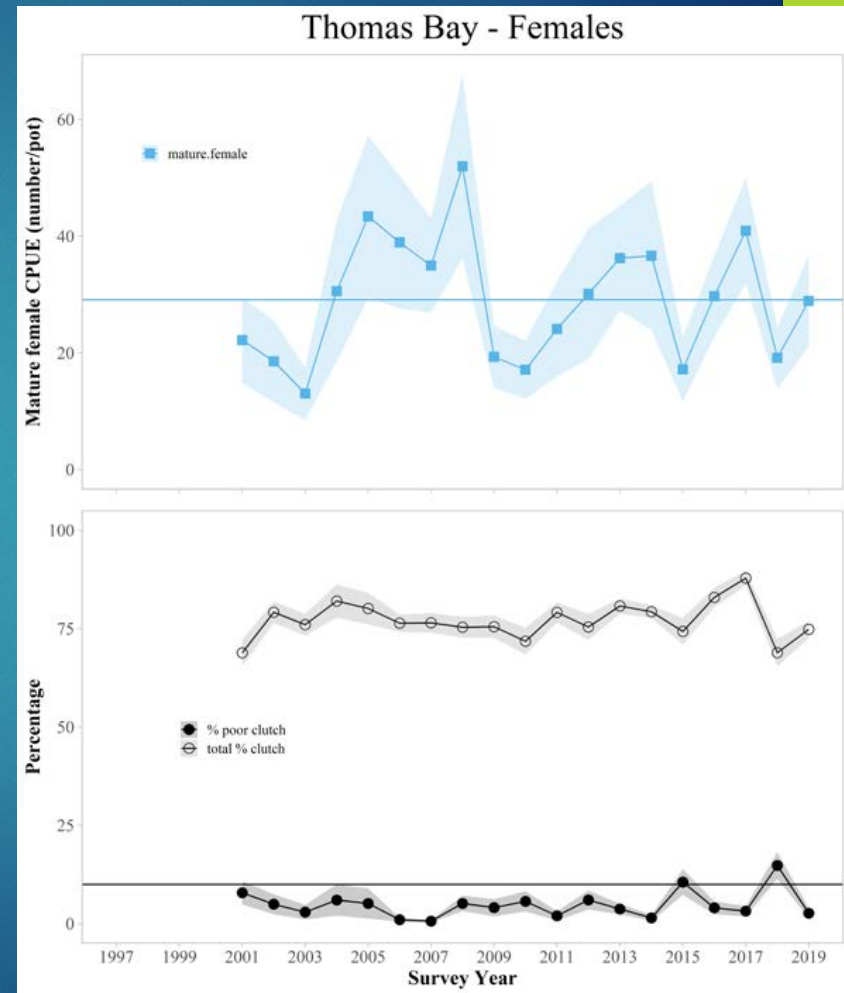
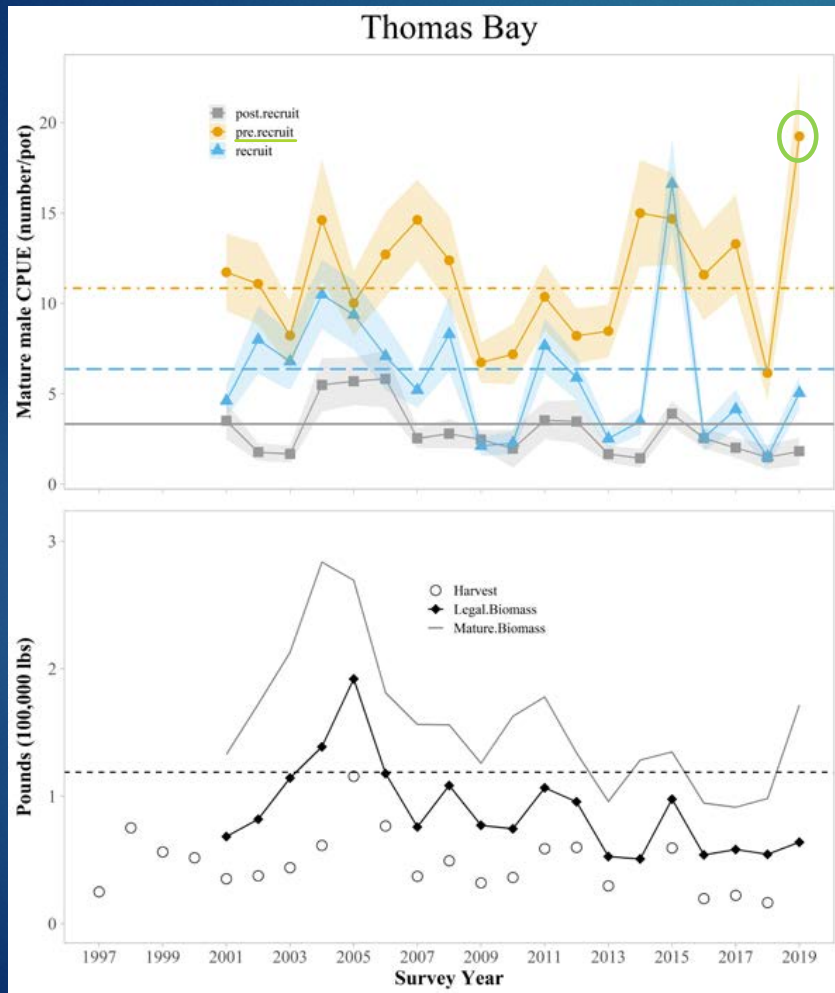
Icy Strait



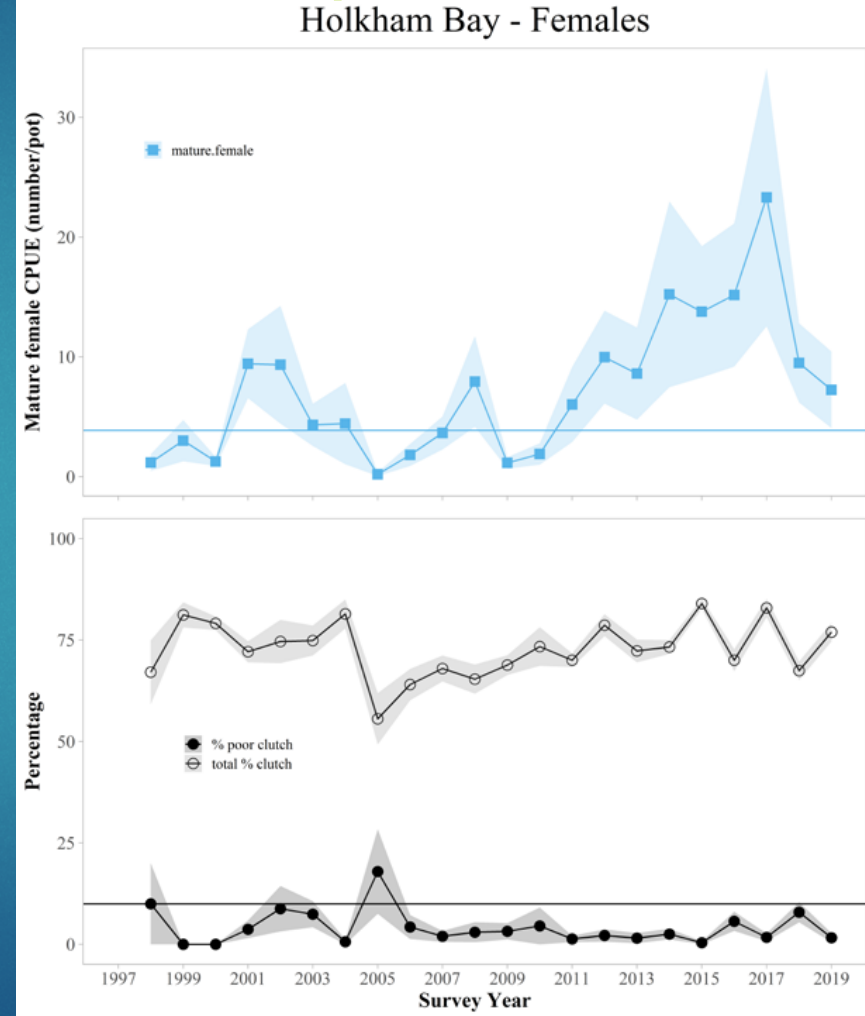
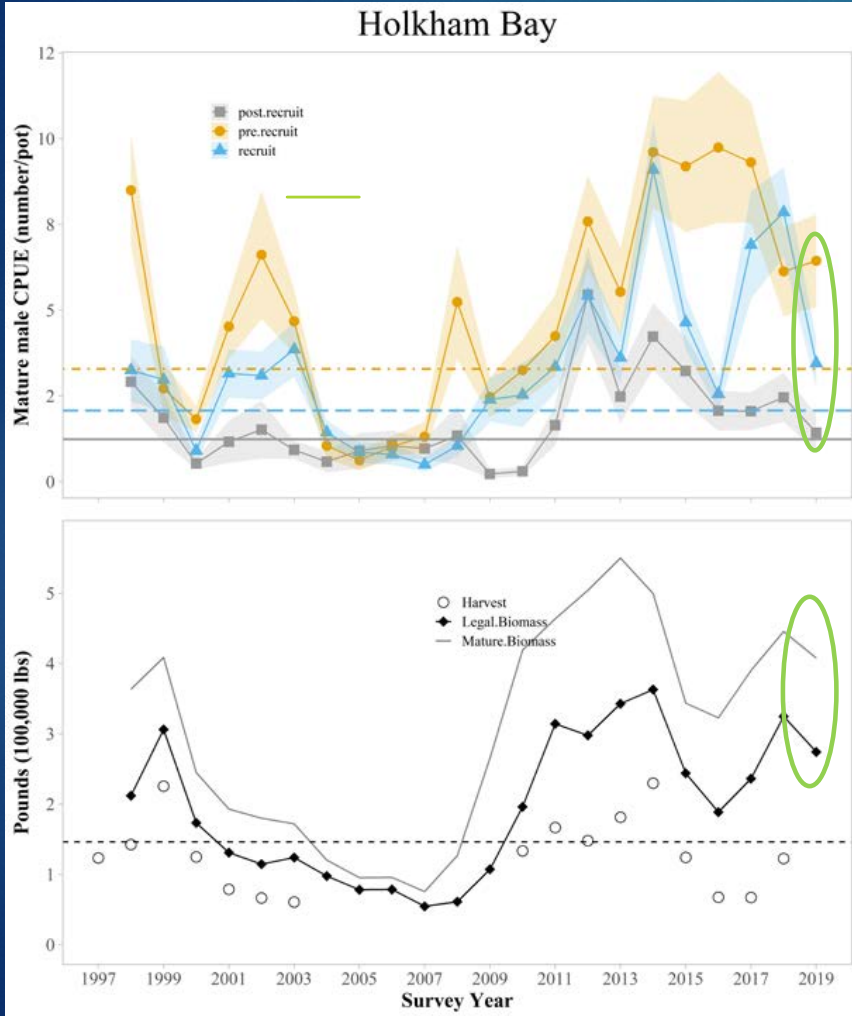
Glacier Bay



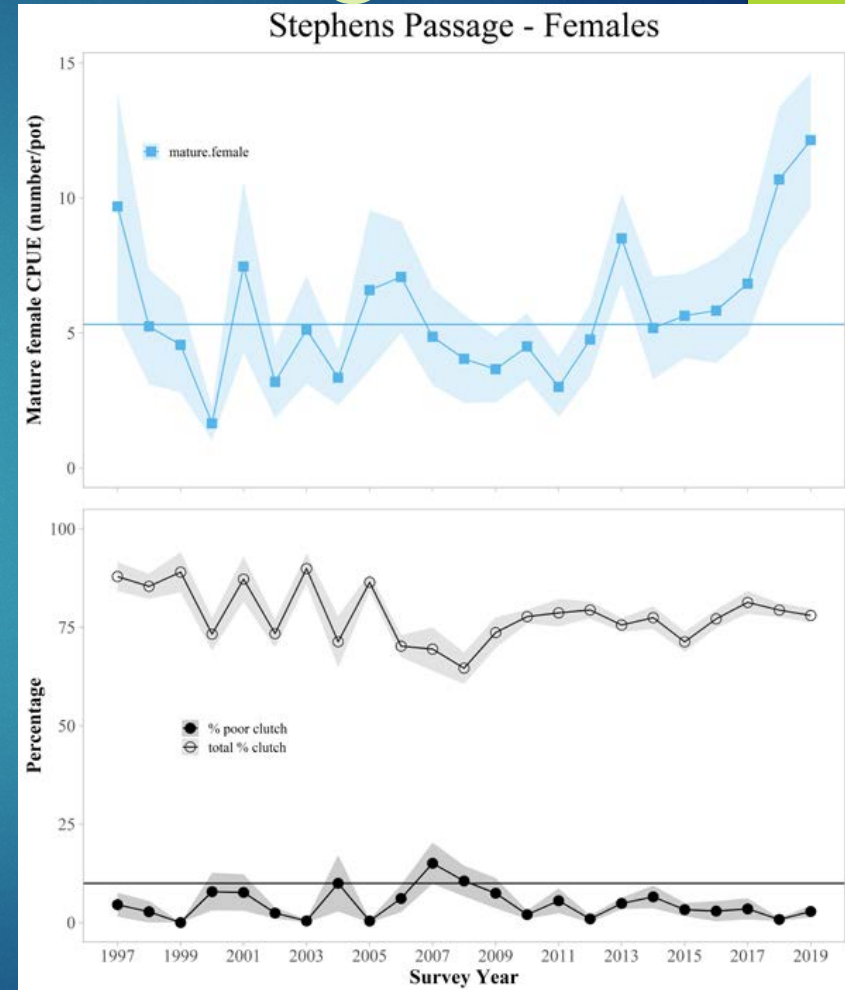
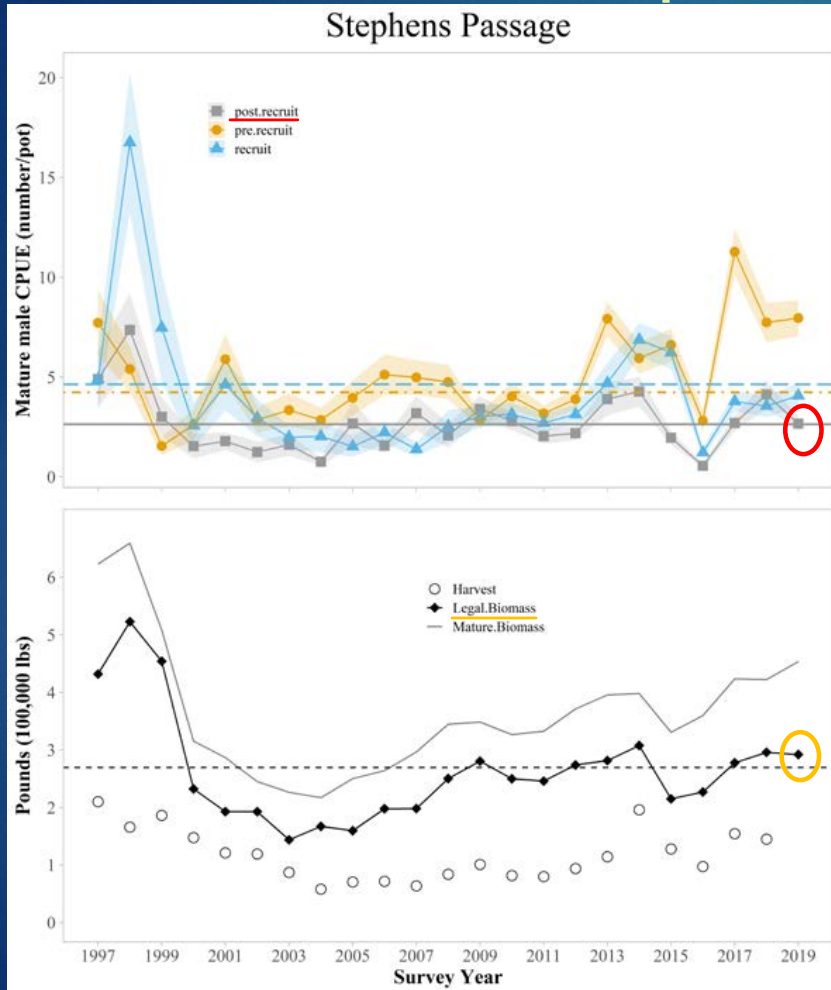
Thomas Bay



Holkham Bay

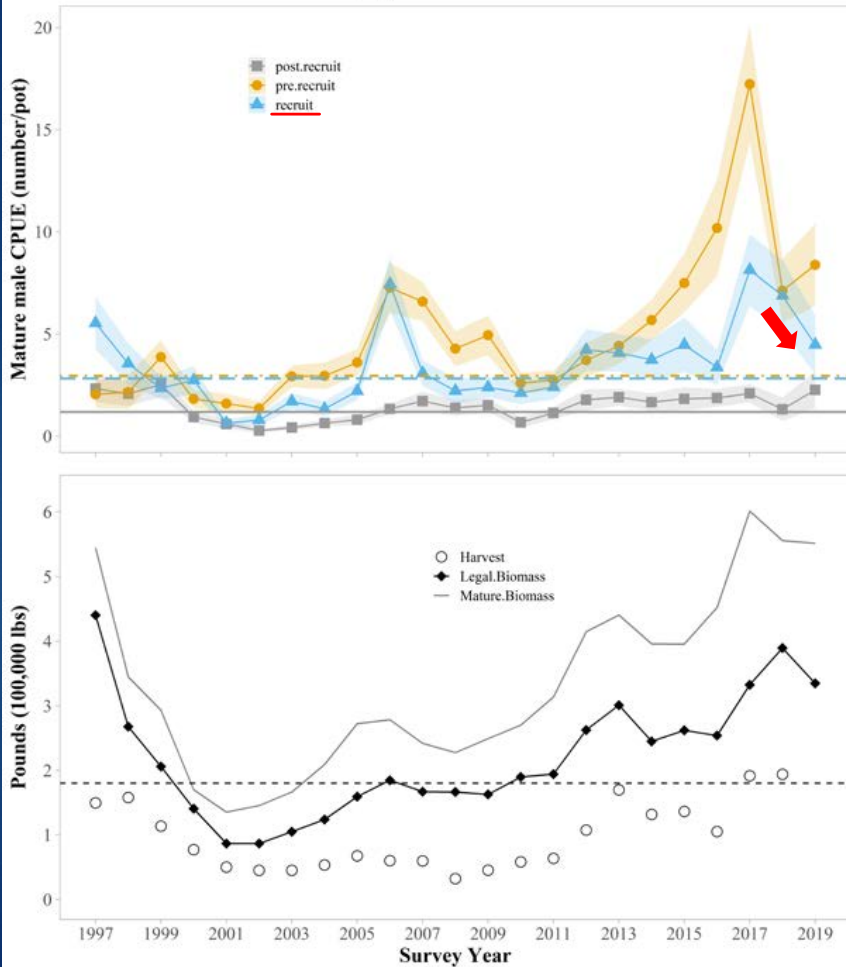


Stephens Passage

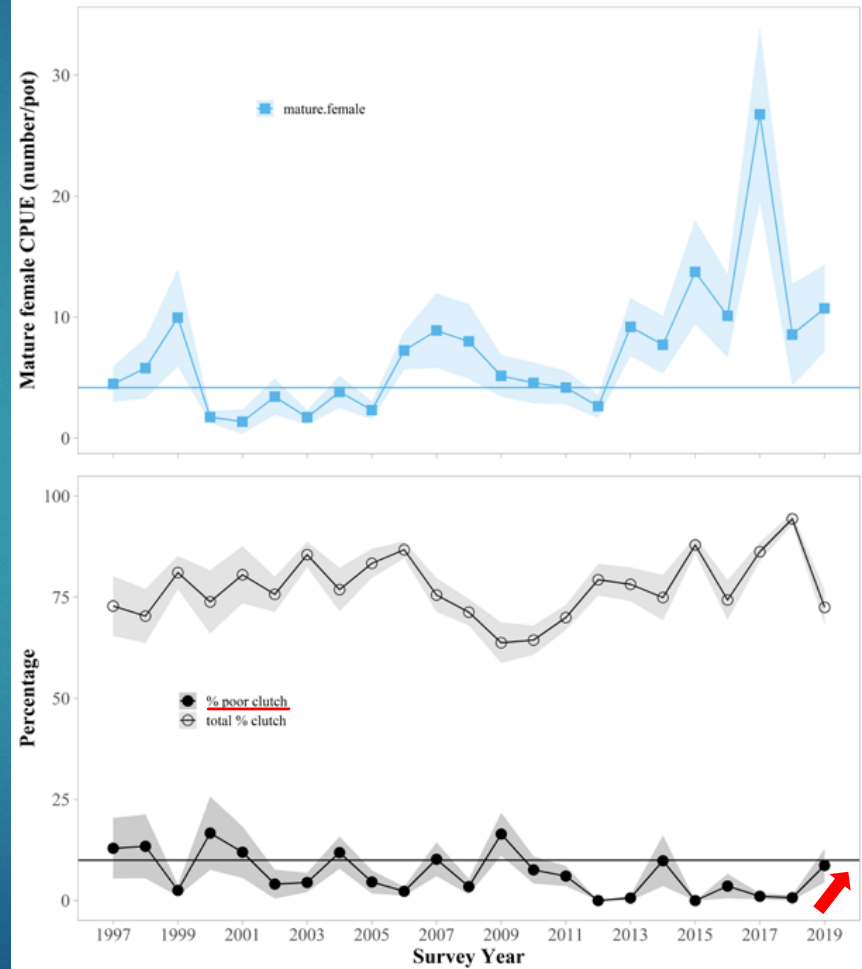


Seymour Canal

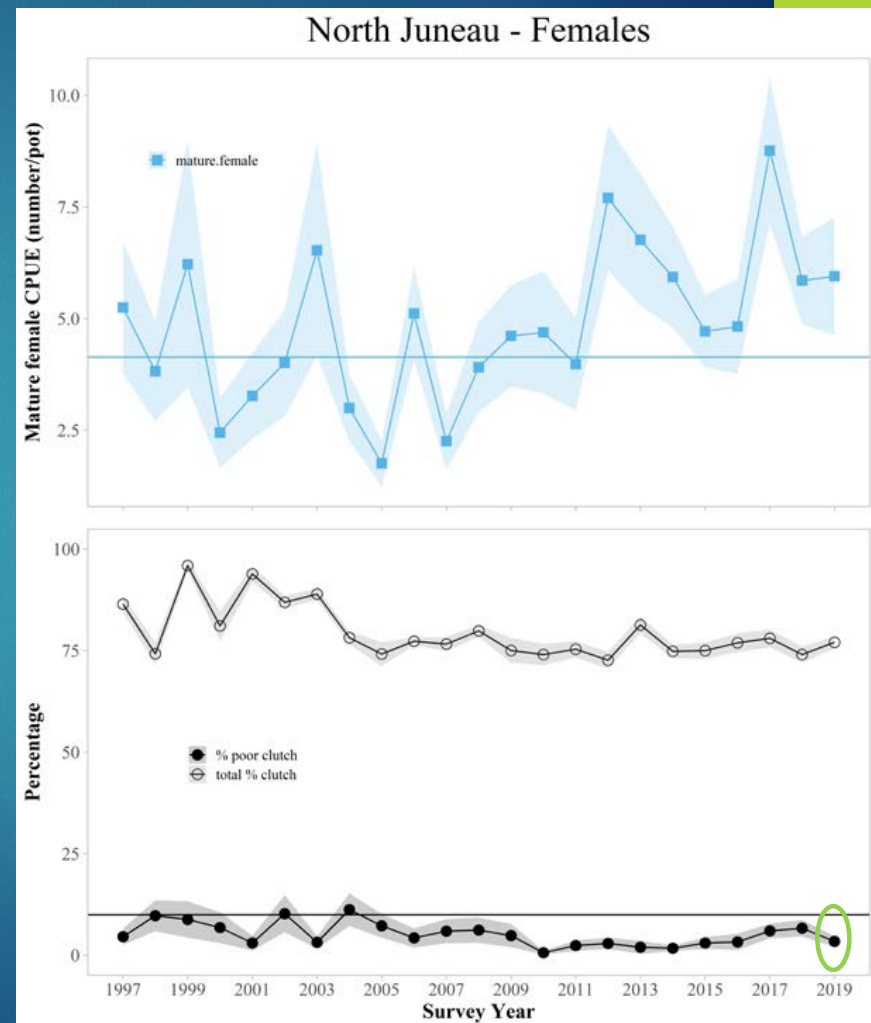
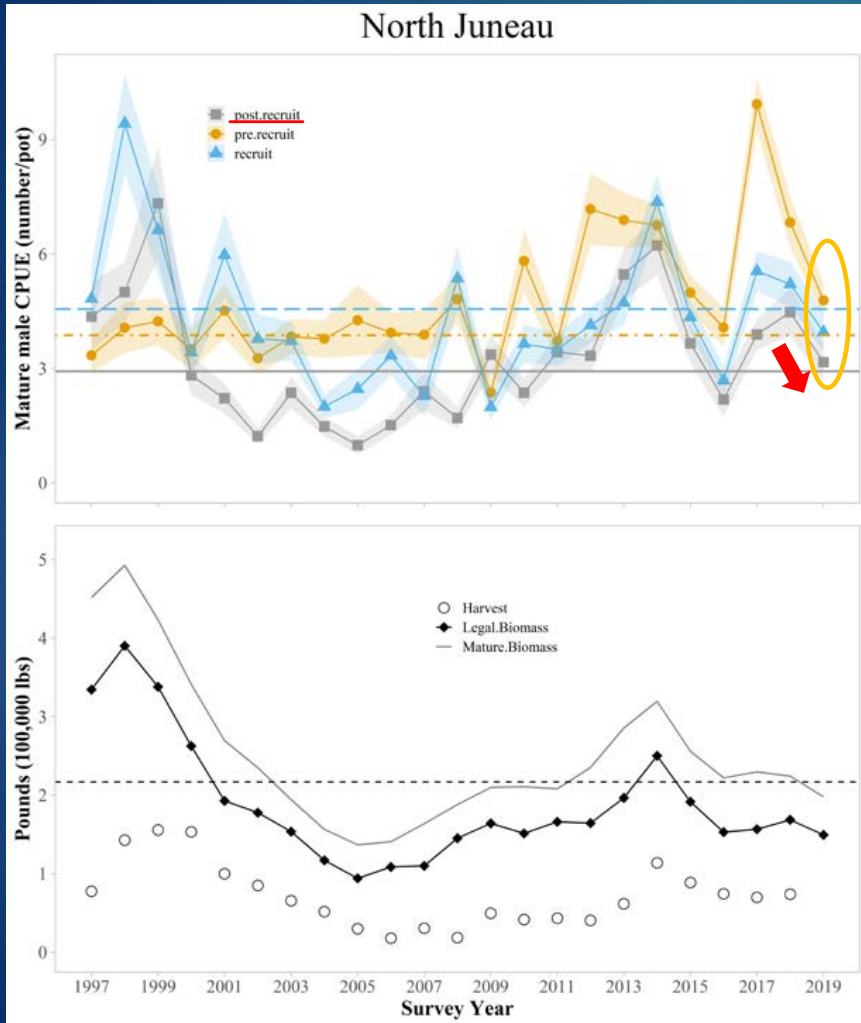
Seymour Canal



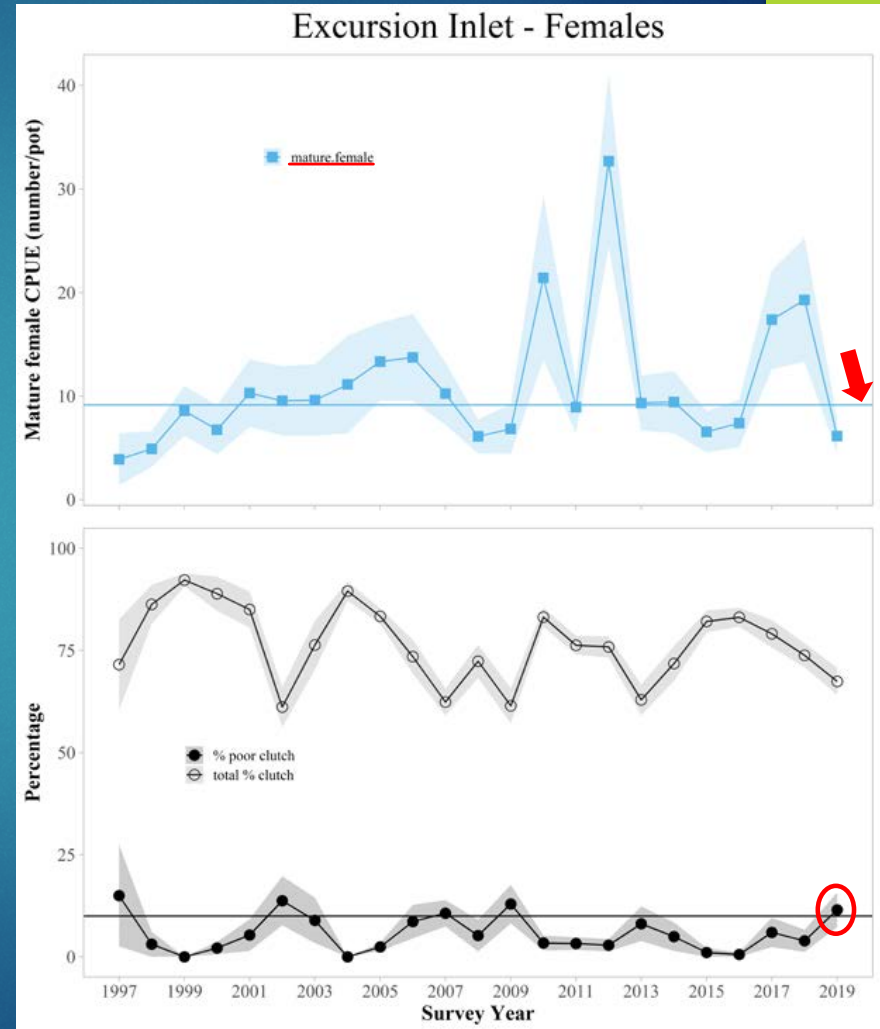
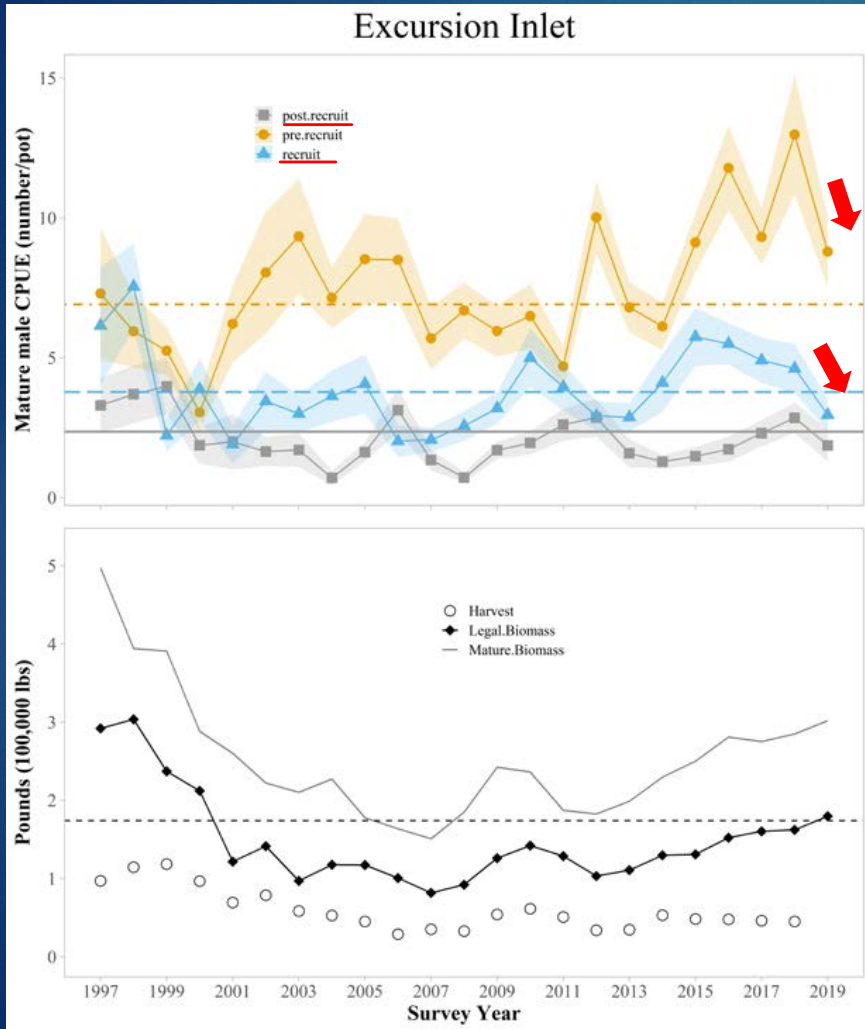
Seymour Canal - Females



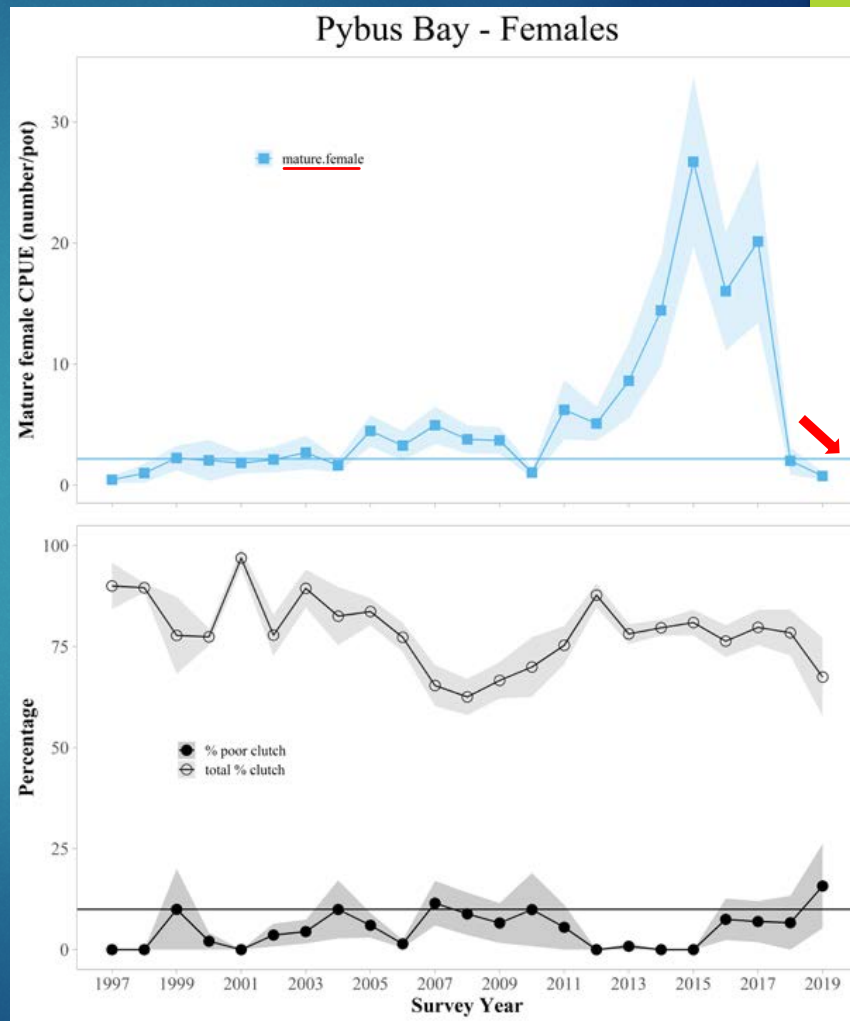
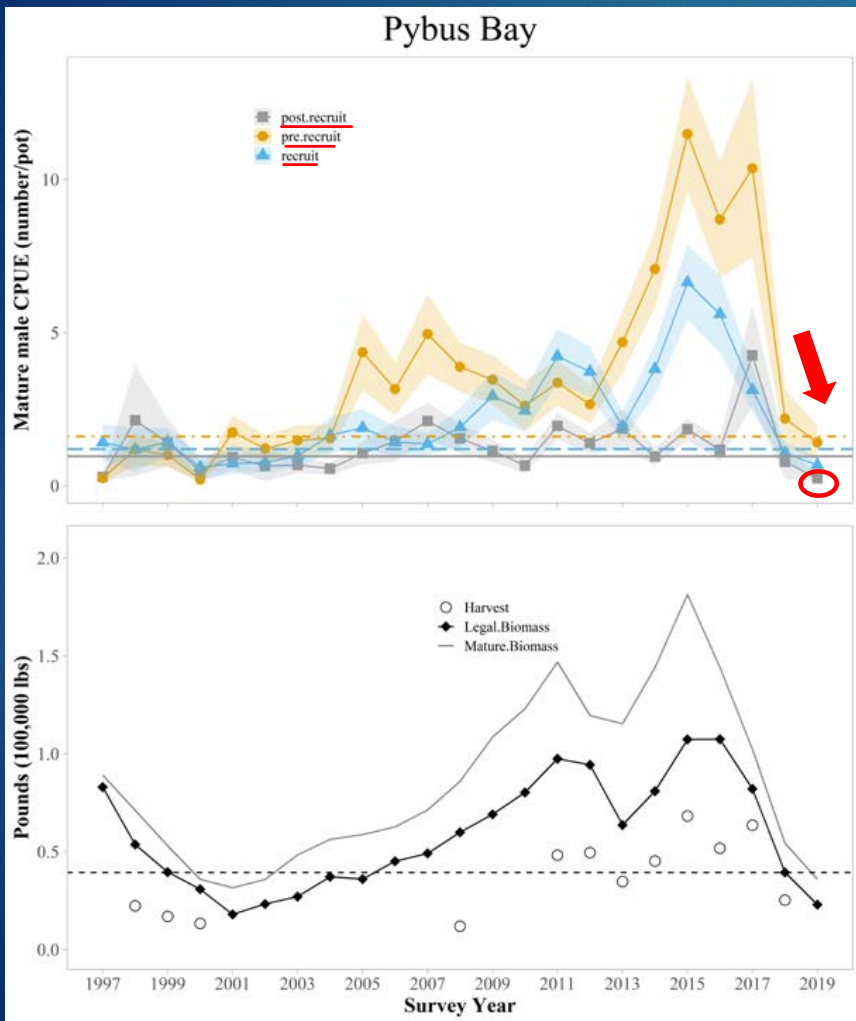
North Juneau



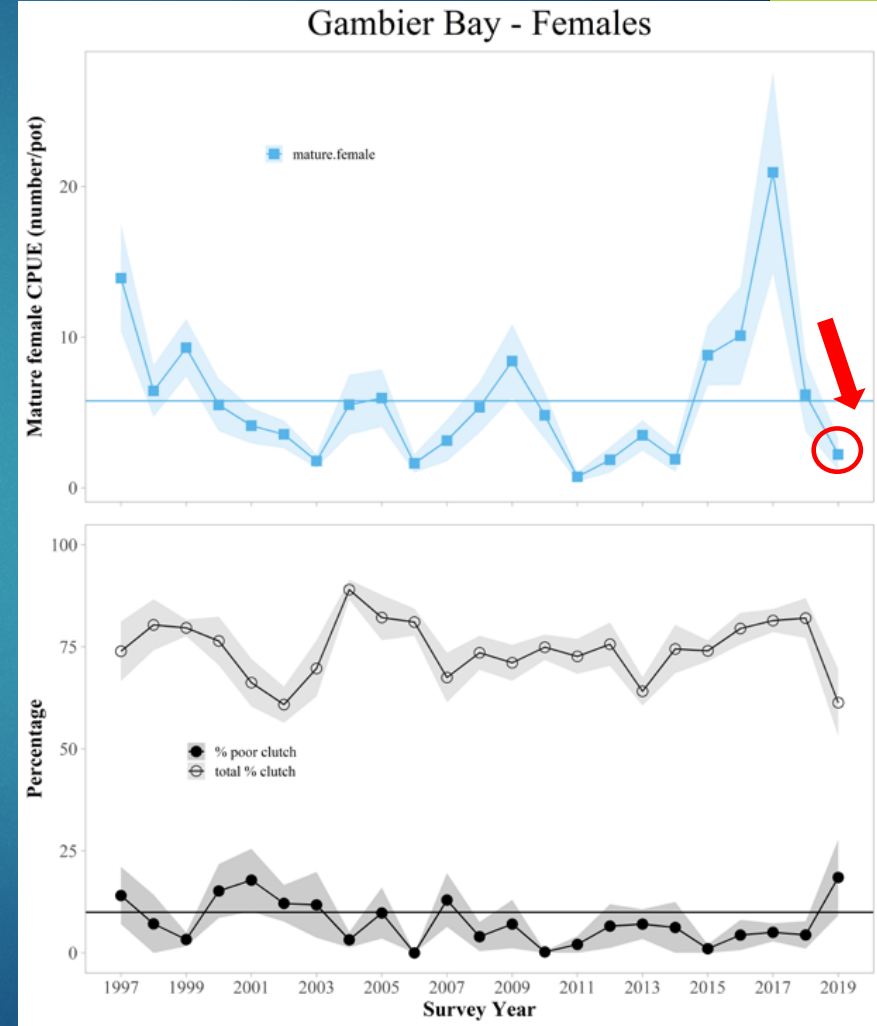
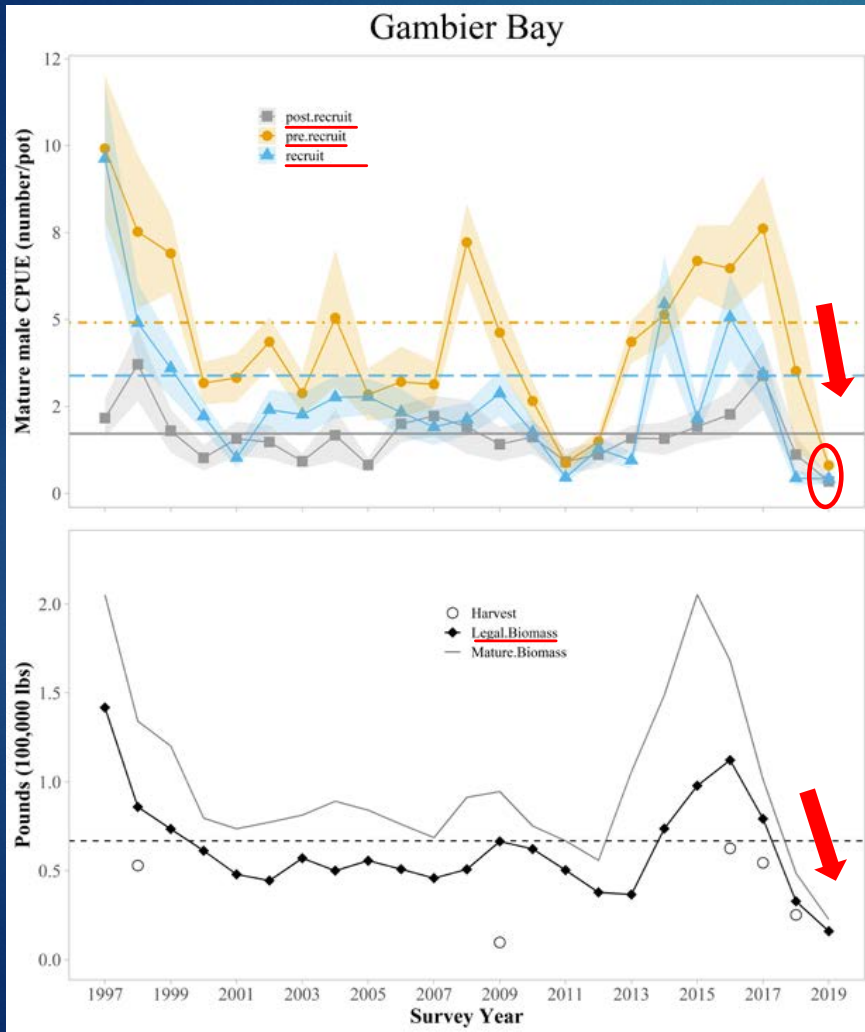
Excursion Inlet



Pybus Bay

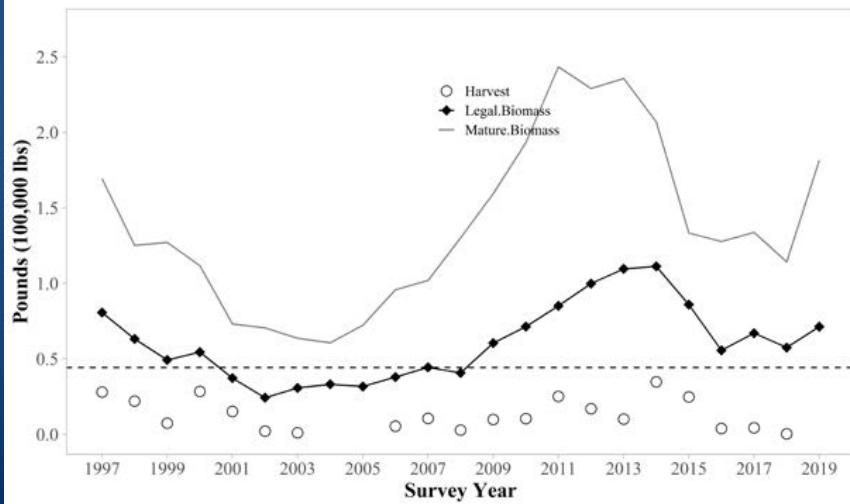
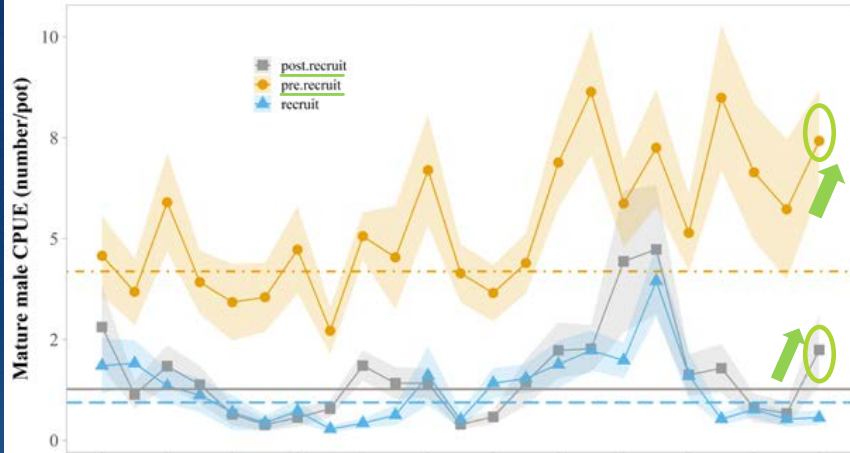


Gambier Bay

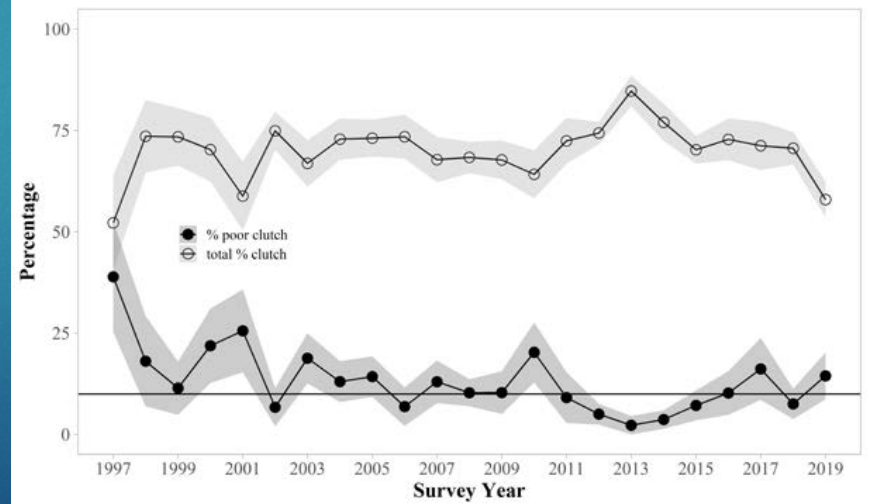
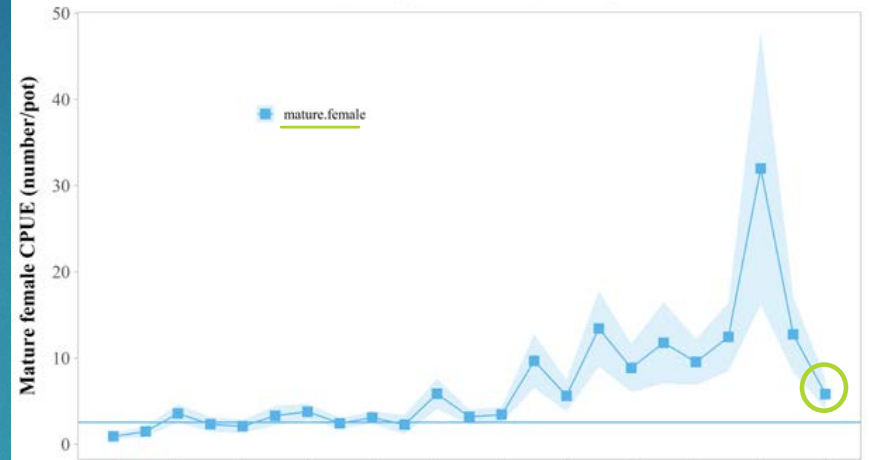


Peril Strait

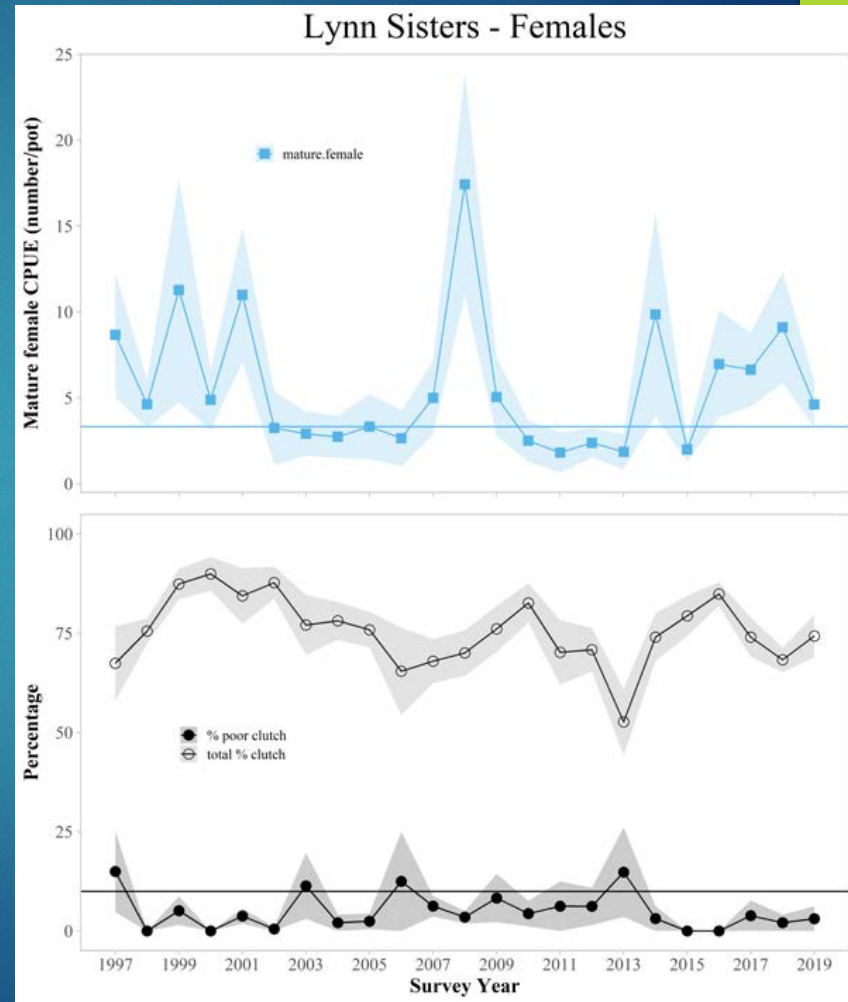
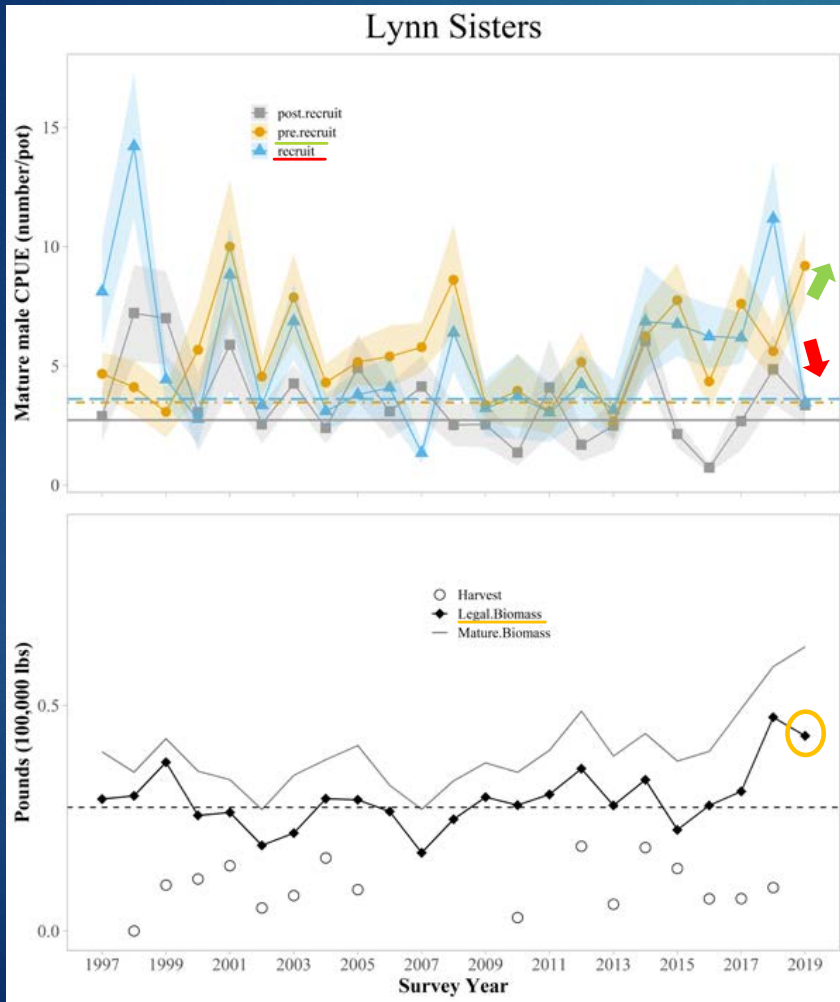
Peril Strait



Peril Strait - Females



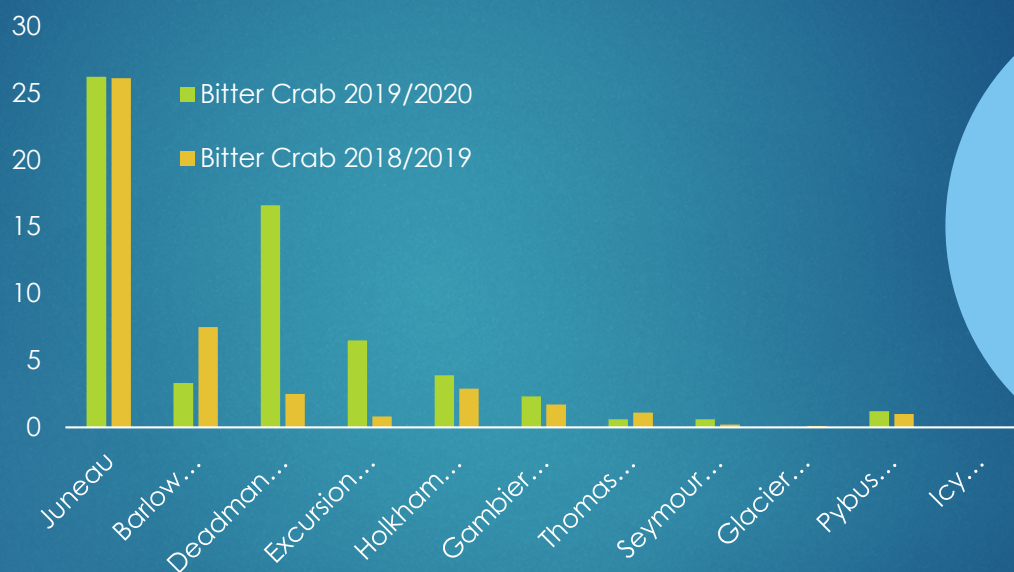
Lynn Sisters



Bitter Crab

Survey

Survey Area	% Bitter 2019/20	% Bitter 2018/19
Juneau	26.2	26.1
Barlow	3.3	7.5
Deadman	16.6	2.5
Excursion	6.5	0.8
Holkham	3.9	2.9
Gambier	2.3	1.7
Thomas	0.6	1.1
Seymour	0.6	0.2
Glacier	0.0	0.1
Pybus	1.2	1.0
Icy	0.0	0.0



Fishery

Southeast Area	% Bitter 2019/20	% Bitter 2018/19
11-A	22	27
15-A	42	46
15-C & B	21	22

Thanks!

