

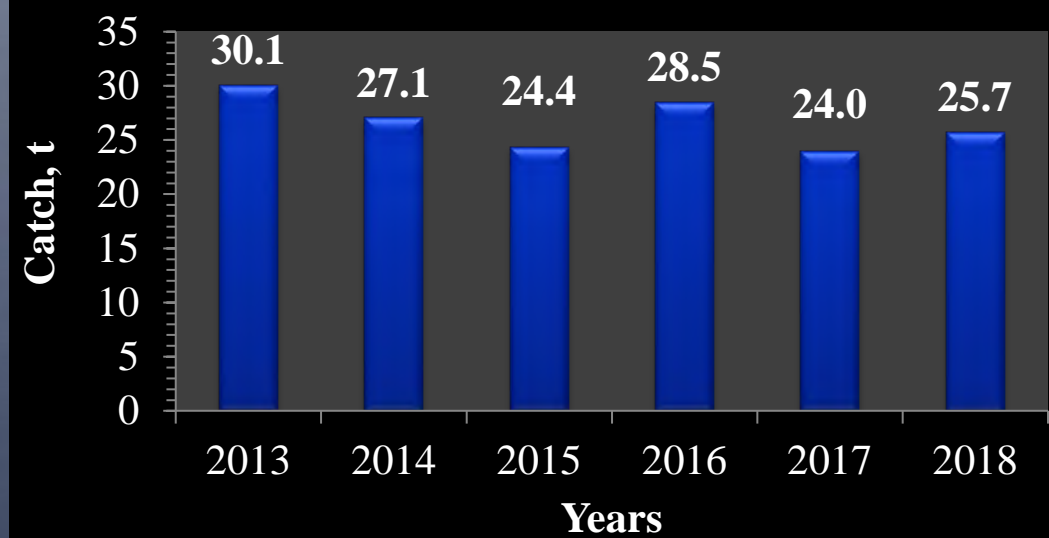


STATE OF CHINOOK SALMON *Oncorhynchus tshawytscha* (Walbaum) STOCK IN KAMCHATKA TERRITORY

Zikunova Olga V.

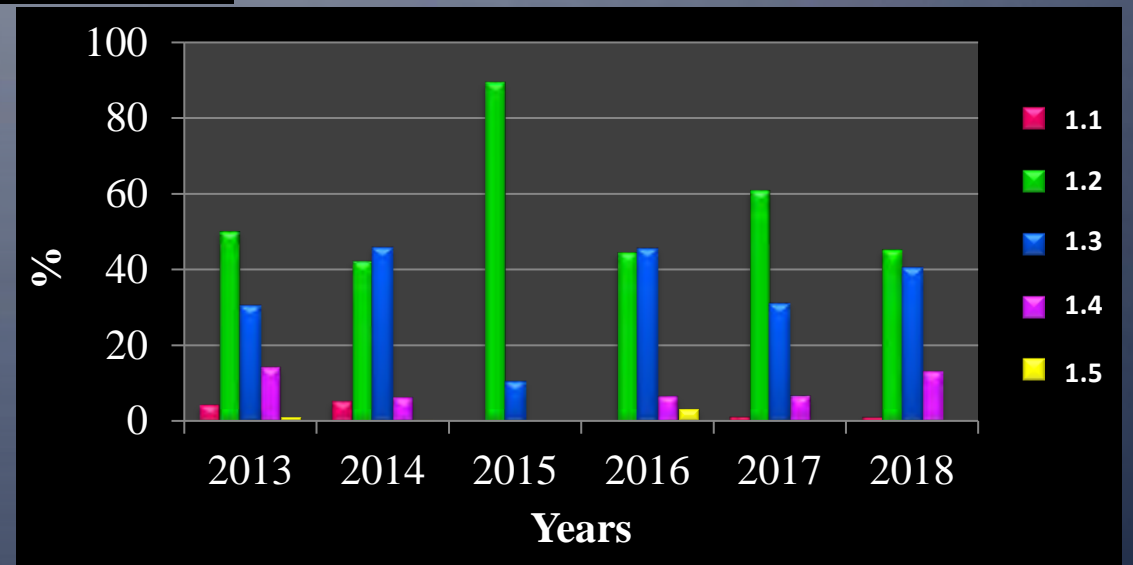
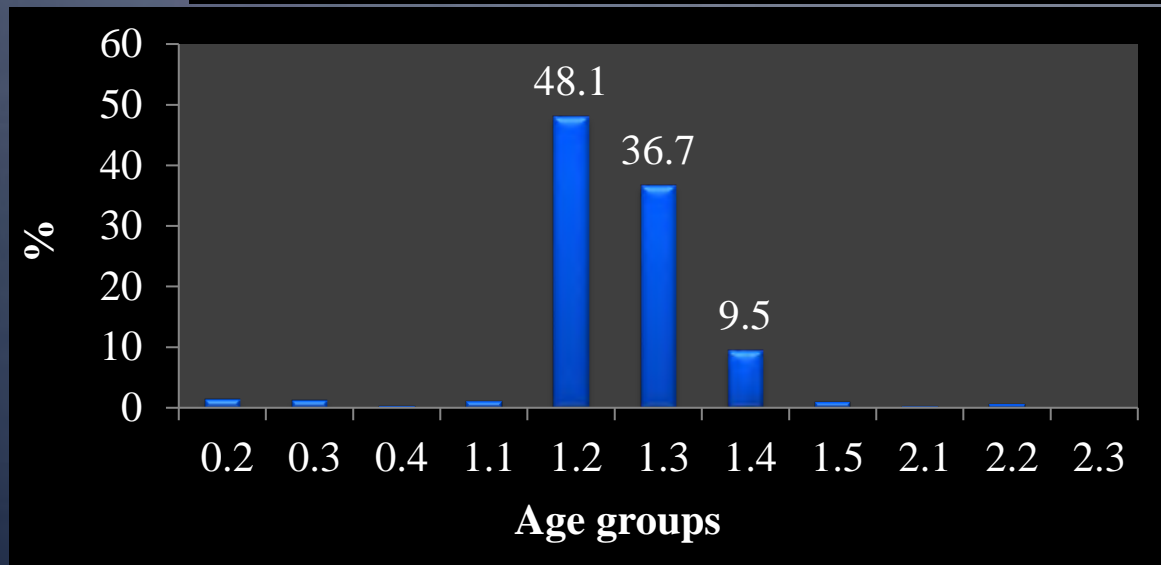
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Chinook salmon of West Kamchatka



Catch 2013-2018
26,6 tons

Chinook salmon of West Kamchatka



The east coast of Kamchatka



Olyutorsky Gulf

Karaginsky Gulf

Kamchatsky Gulf

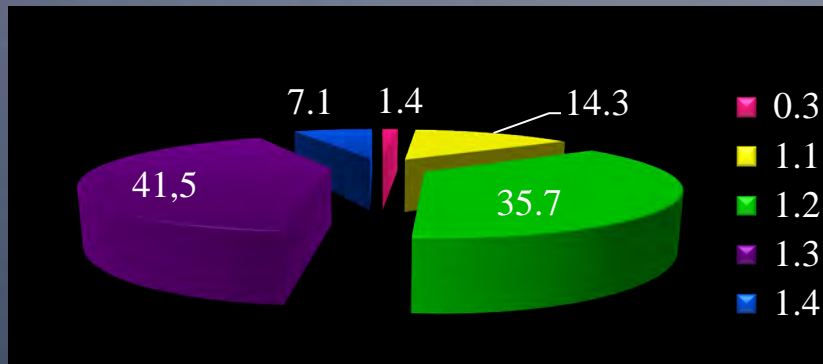
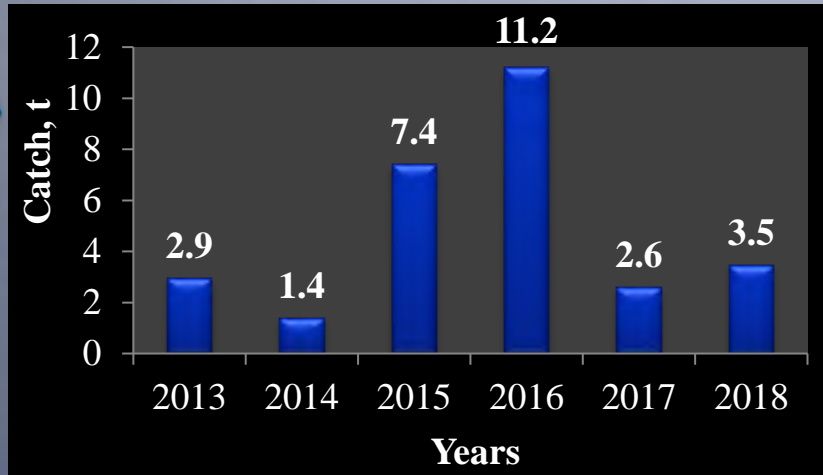
Kronotsky Gulf

Avachinsky Gulf



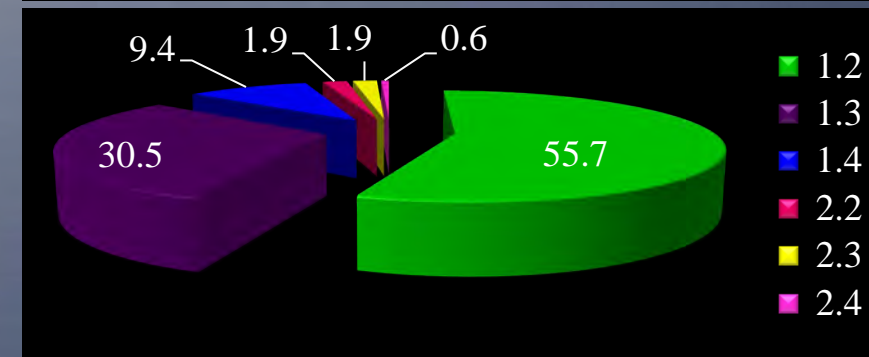
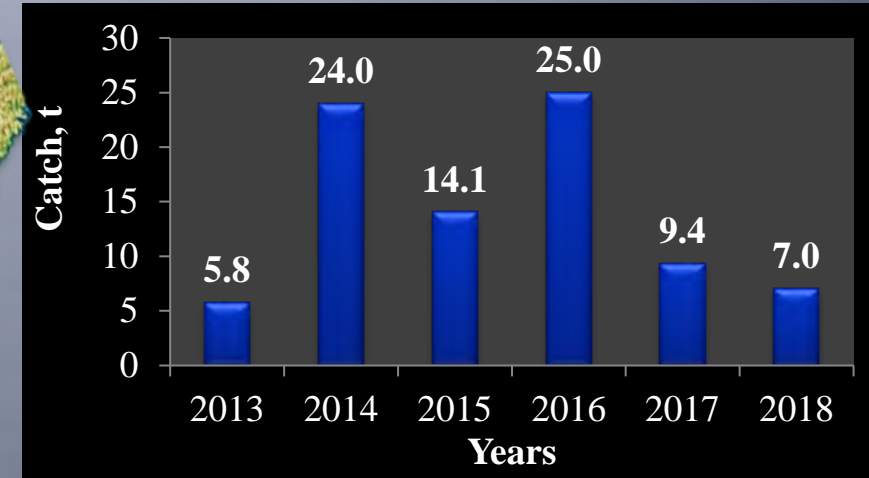
Karaginsky Gulf

Kronotsky and Avachinsky Gulfs



Catch 2013-2018
4,8 tons

Body weight 2013-2018
5,0 kg



Catch 2013-2018
14,2 tons

Body weight 2013-2018
6,4 ± 0,2 kg

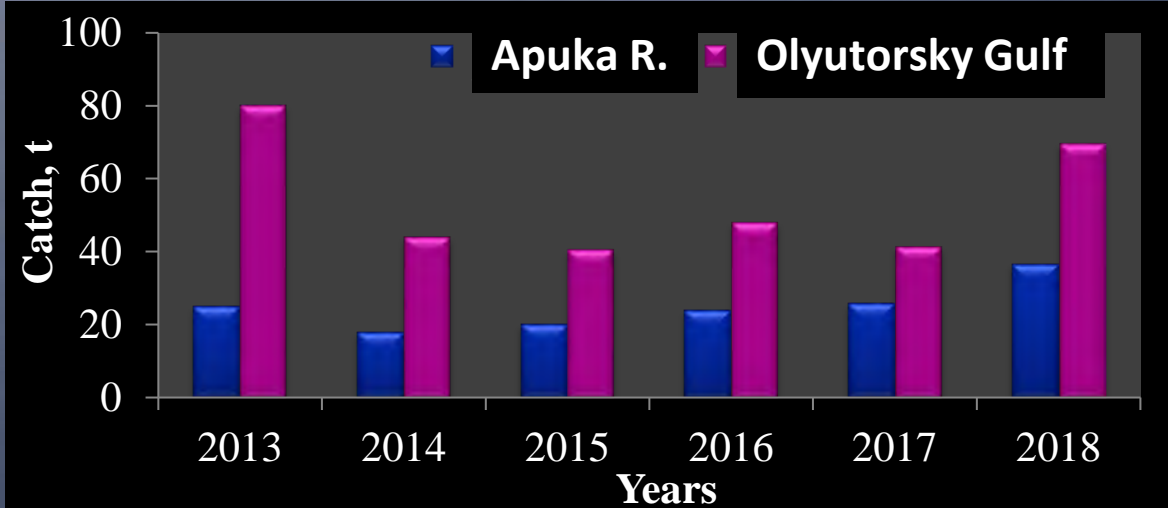
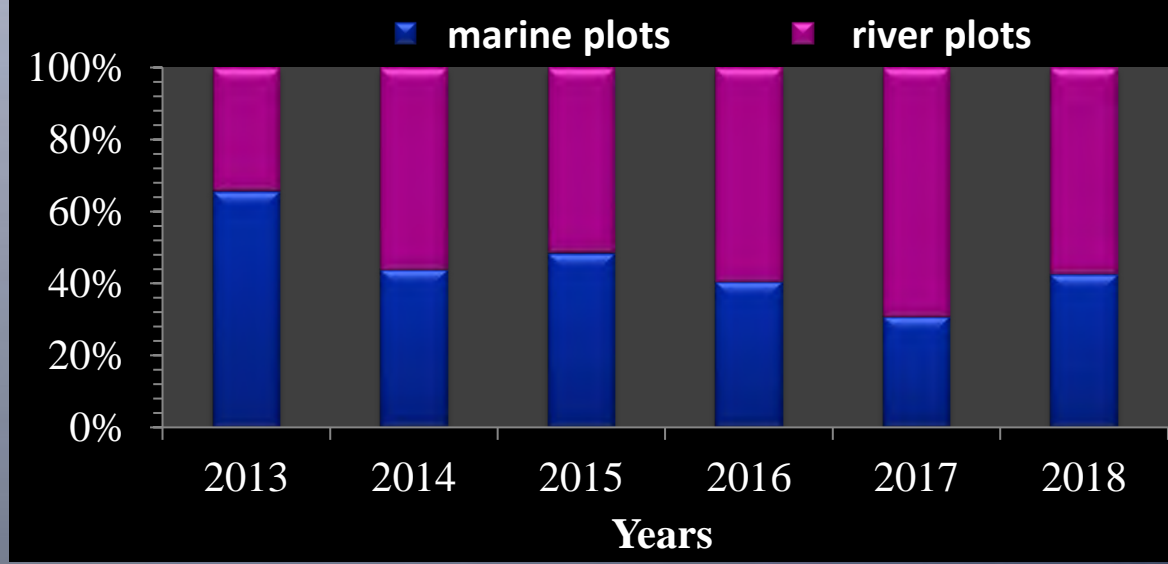
Olyutorsky Gulf



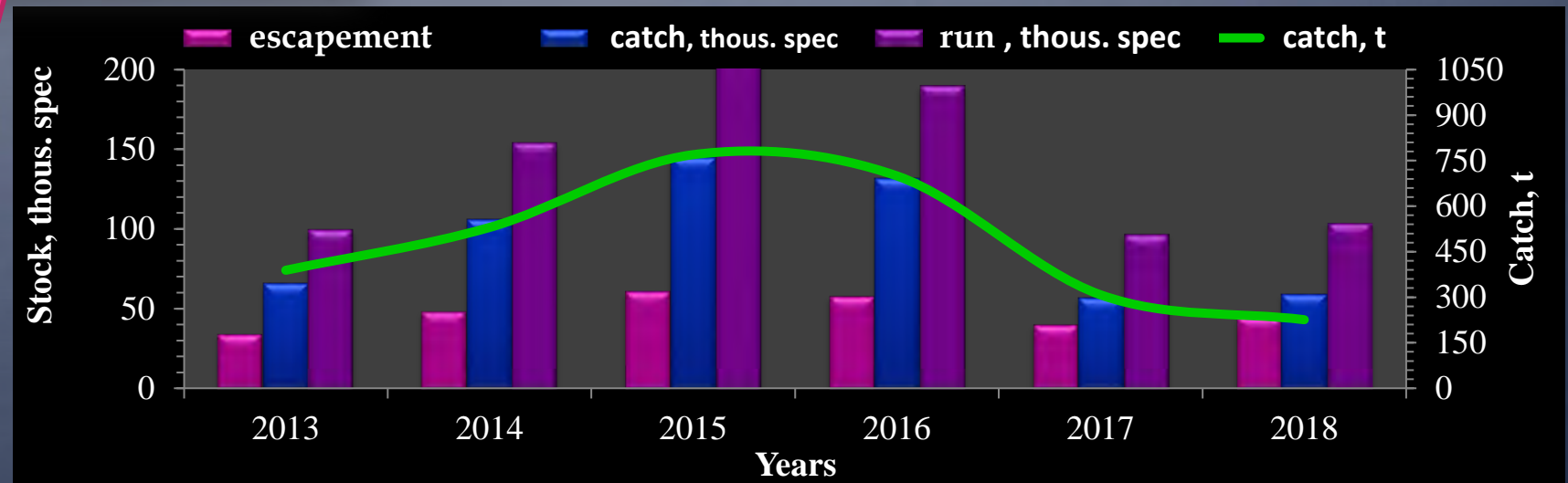
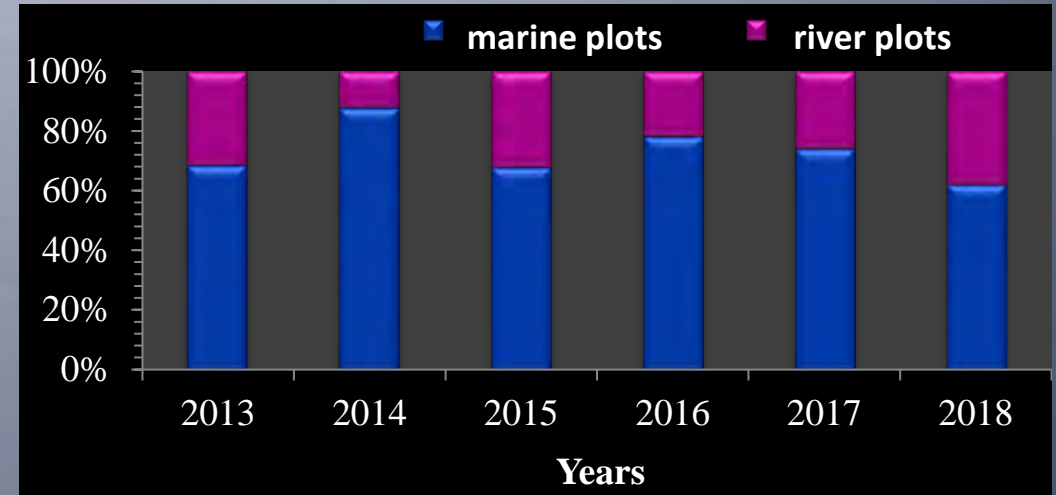
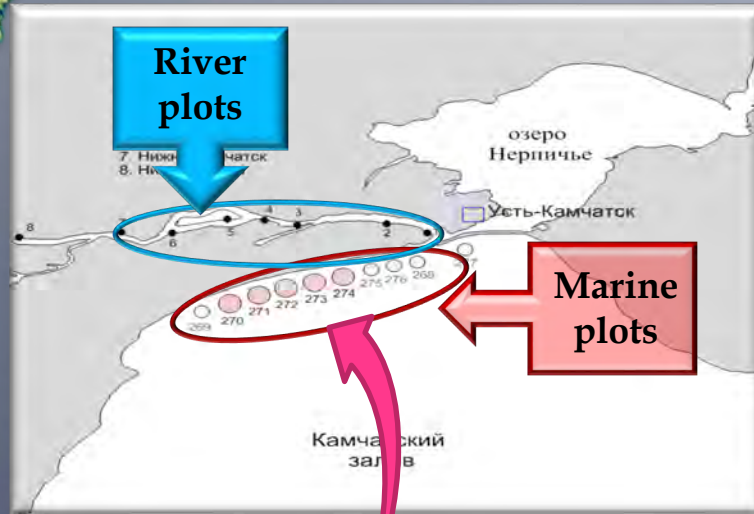
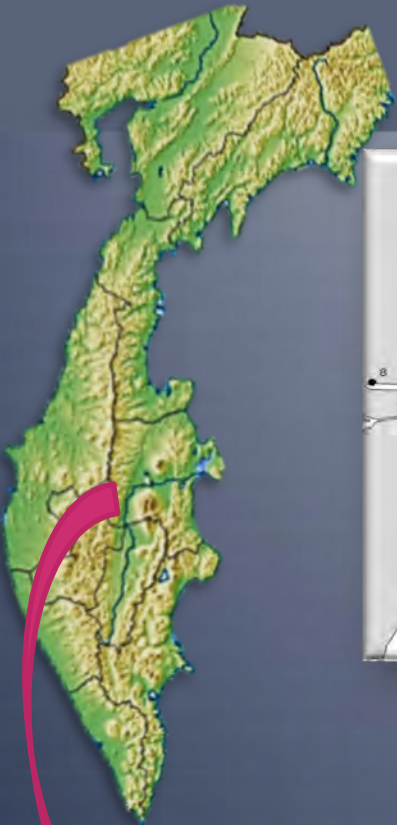
Average catch in Olyutorsky district for 2013-2018 — 53,9 tons



Catch of Apuka R. Chinook salmon 25,2 tons



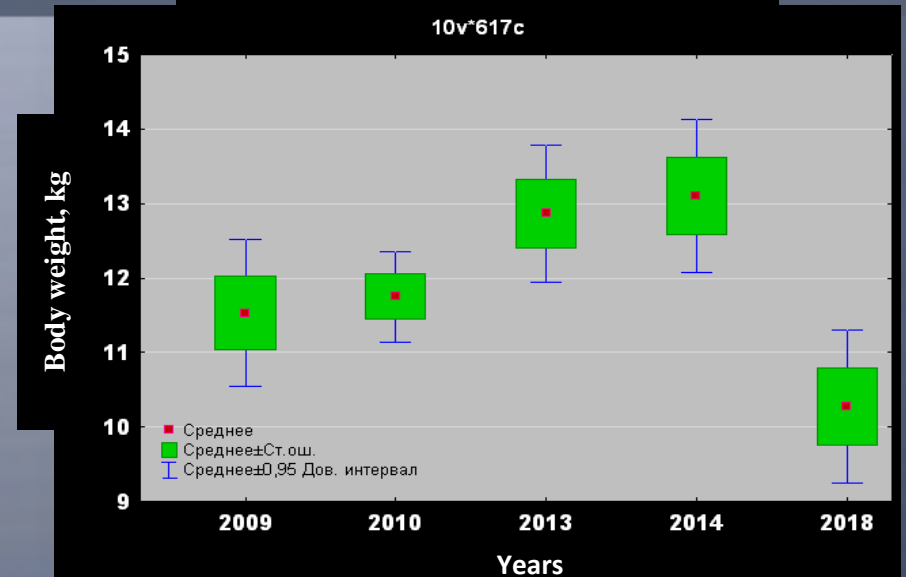
Catch, escapement and run dynamics of Kamchatka R. Chinook salmon (Kamchatsky Gulf)



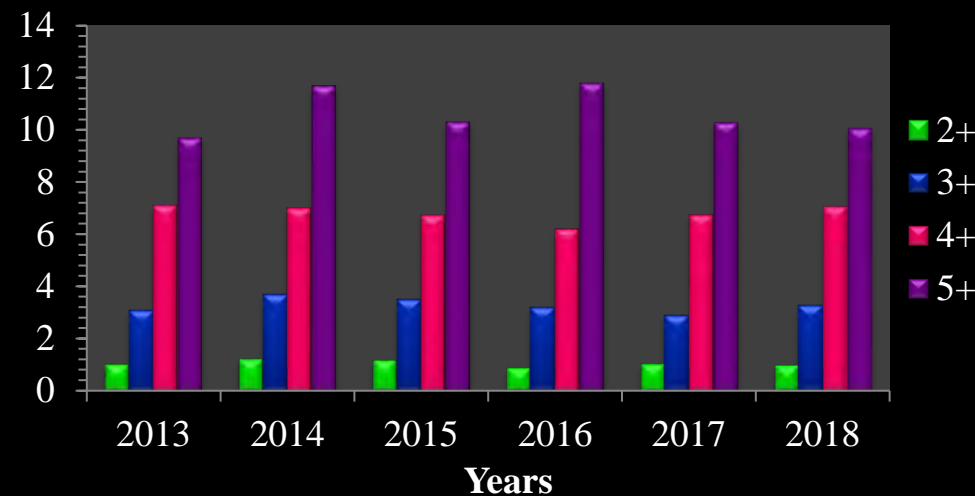
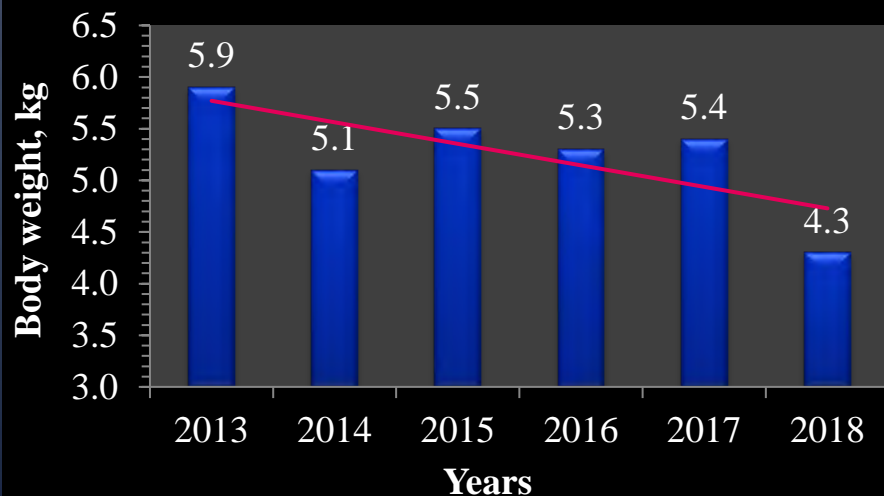
Age structure and body weight of Chinook salmon in the rivers Apuka and Kamchatka in returns

River	Years	0.2	0.3	1.1	1.2	1.3	1.4	1.5	2.1	2.2	2.3	2.4	Number, spec
Apuka	2010					31.3	66.6	2.1					50
	2013				18.1	41.4	40.5						104
	2014			4.3	8.7	52.2	34.8						31
	2018		1,0	1,9	22,9	37,1	35,2	1,9					105
Kamchatka	2013	0.4	0.3	3.6	29.8	52.7	10.6		1.9	0.7			746
	2014	0.7	0.2	4.9	53.4	33.7	5.1		0.9	1.1			618
	2015	0.3	0.1	2.2	47.2	37.9	9.7		1.4	0.9	0.3		790
	2016			7.1	39.6	47.5	5.1	0.1	0.4	0.2			900
	2017	0.1		3.7	39.2	44.6	9.9	0.2	1.2	1.1			975
	2018			24.9	35.0	32.9	5.2		0.2	0.5	1.2	0.2	651

Apuka R. Chinook salmon



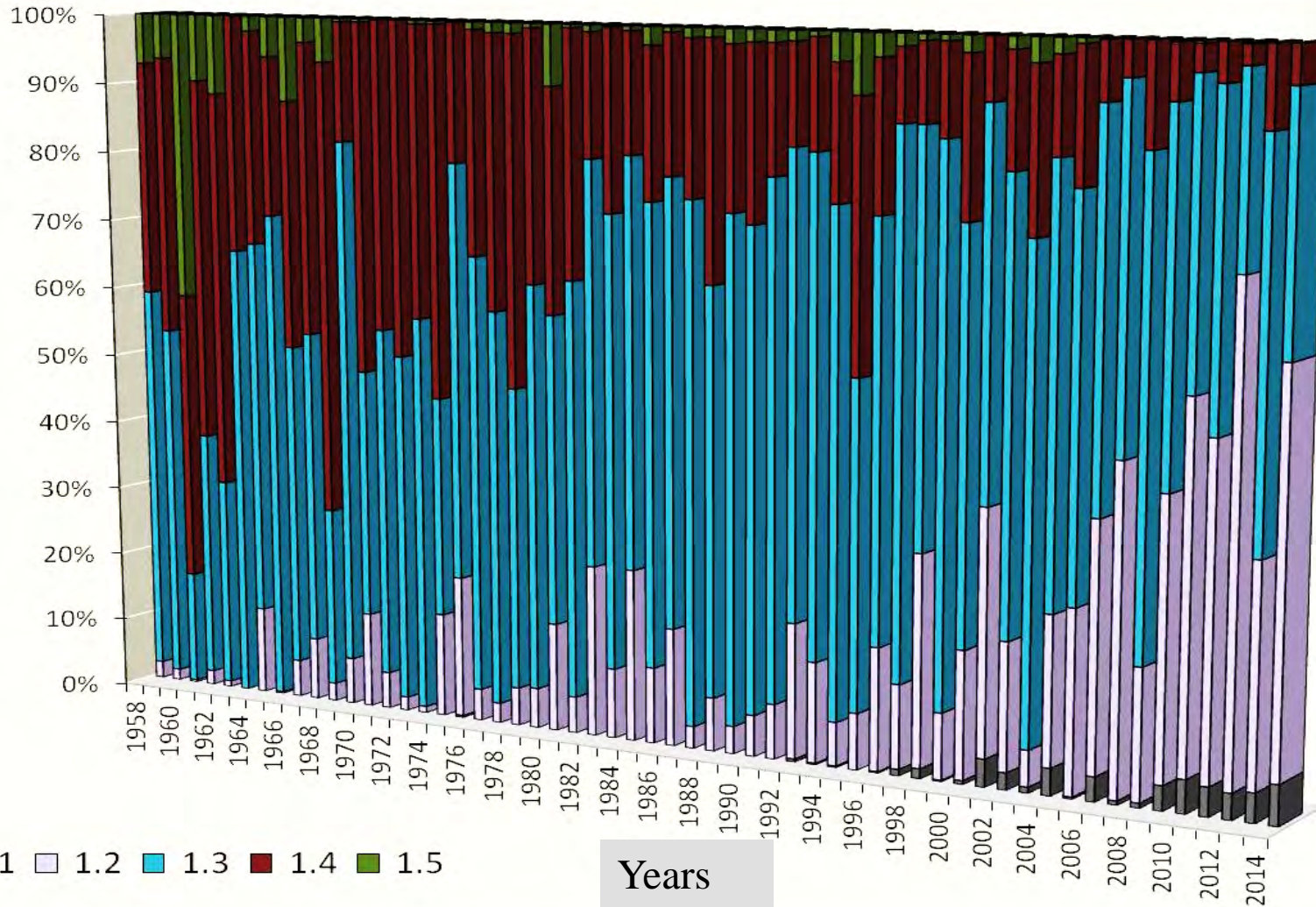
Kamchatka R. Chinook salmon



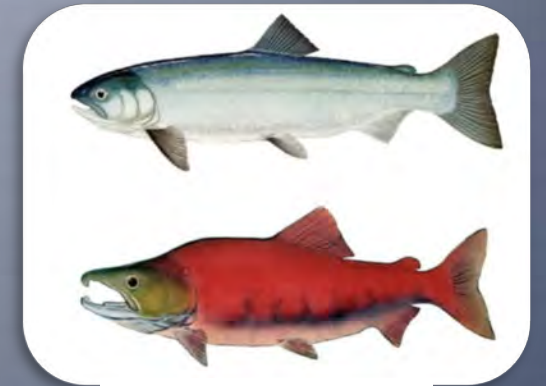
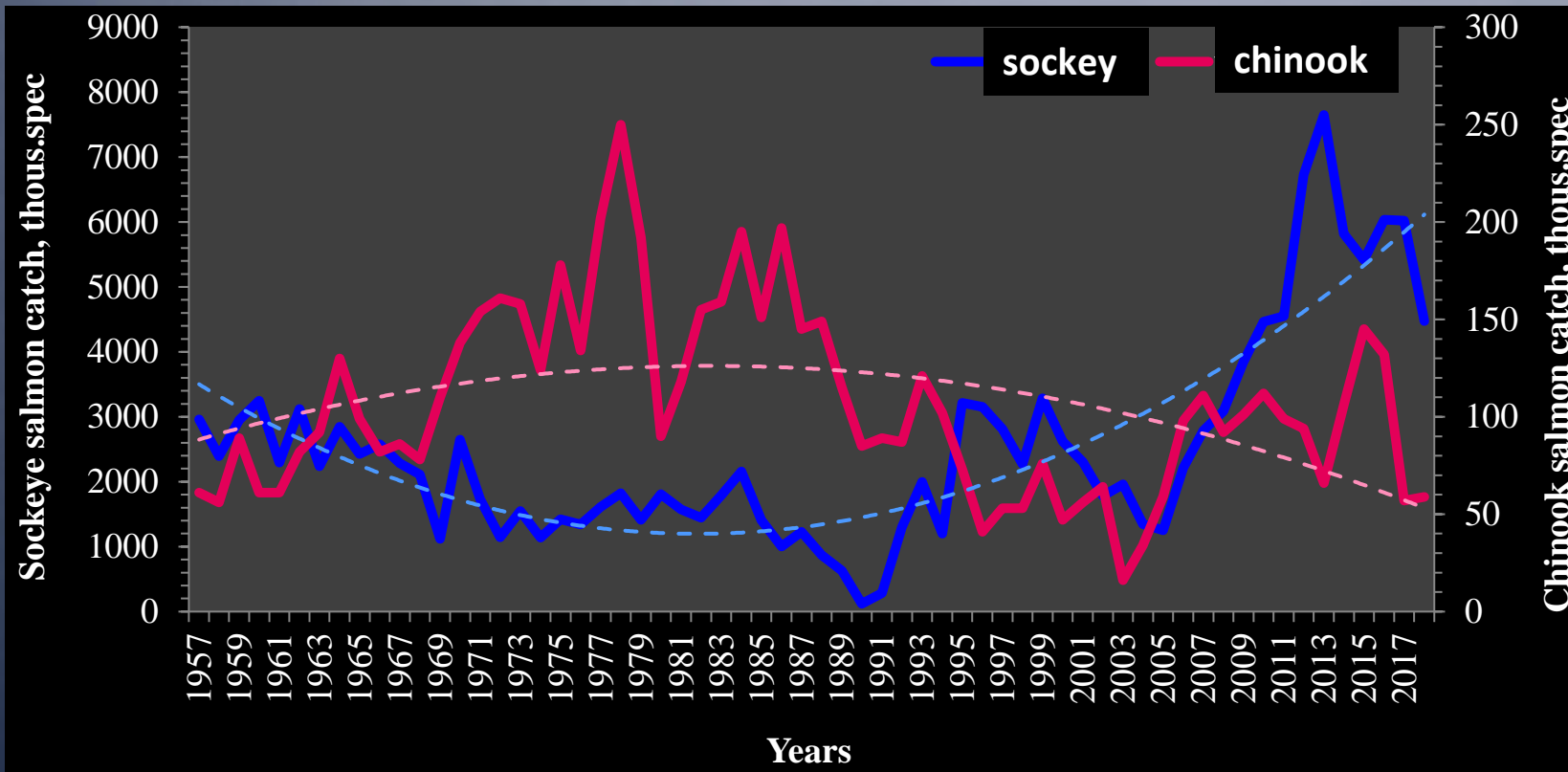
Body weight in Apuka R. 2013-2018 $11,8 \pm 0,20$ kg

Body weight in Kamchatka R. 2013-2018 $5,2 \pm 0,34$ kg

Age structure of Chinook salmon in the Kamchatka R. in returns



Sockeye and Chinook salmon catch dynamics in the basin of Kamchatka R. for 1957–2018



Sockeye salmon

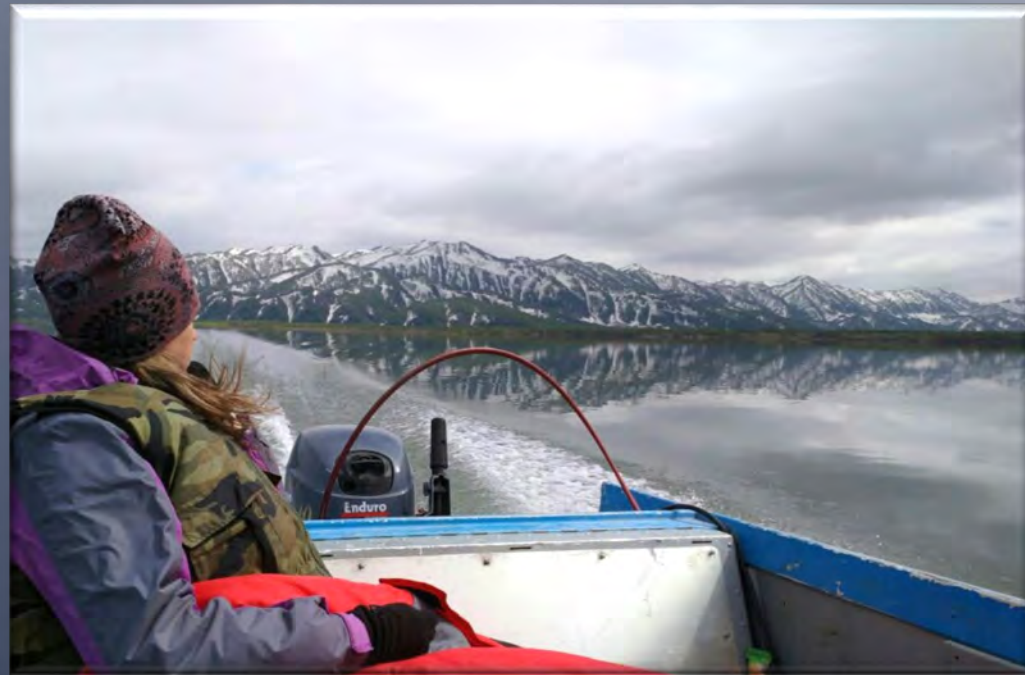
Oncorhynchus nerka (Walbaum)



Chinook salmon

Oncorhynchus tshawytscha (Walbaum)

SINCERE THANKS FOR YOUR ATTENTION!



Waiting for questions on my e-mail

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