

Trends of chum and pink salmon production in Chukotka

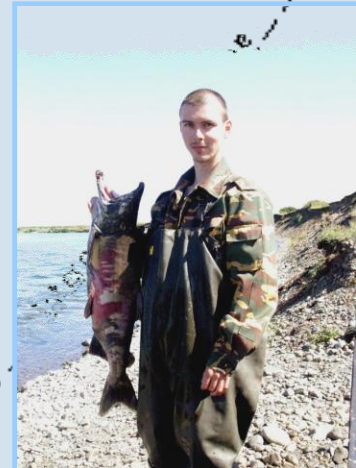
Yury Khokhlov, ChukotTINRO



Chukotsky autonomous region
738 000 km²

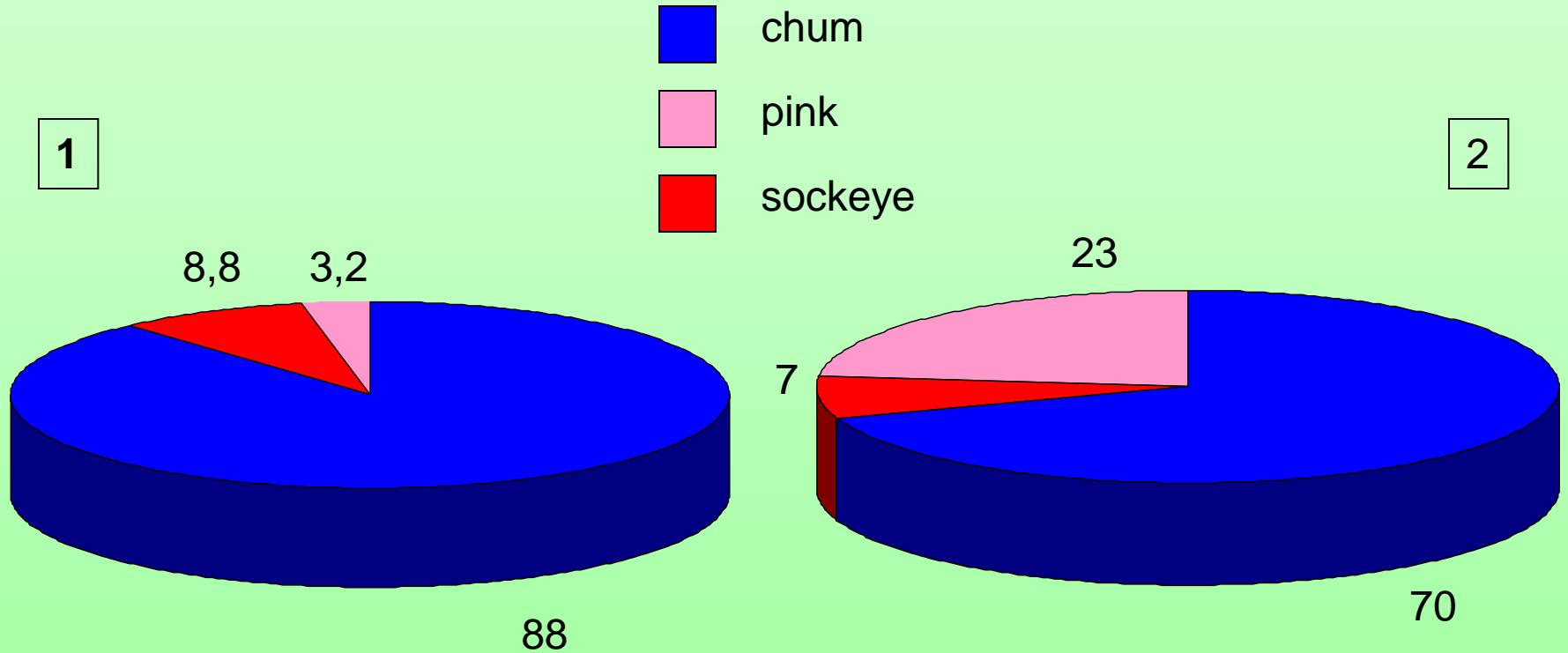


Elena Golub



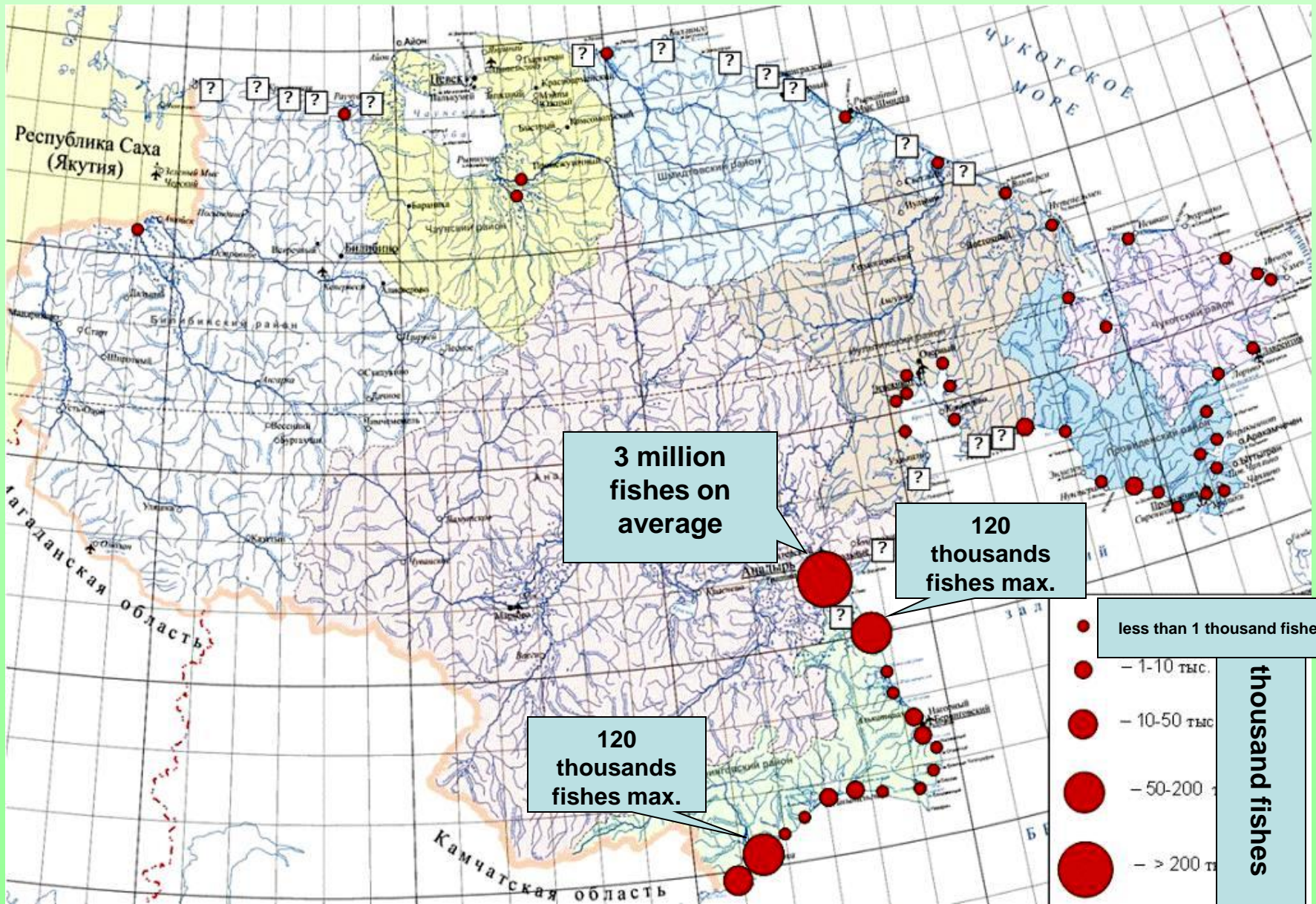
Yury Khokhlov

Salmon abundance in Chukotka

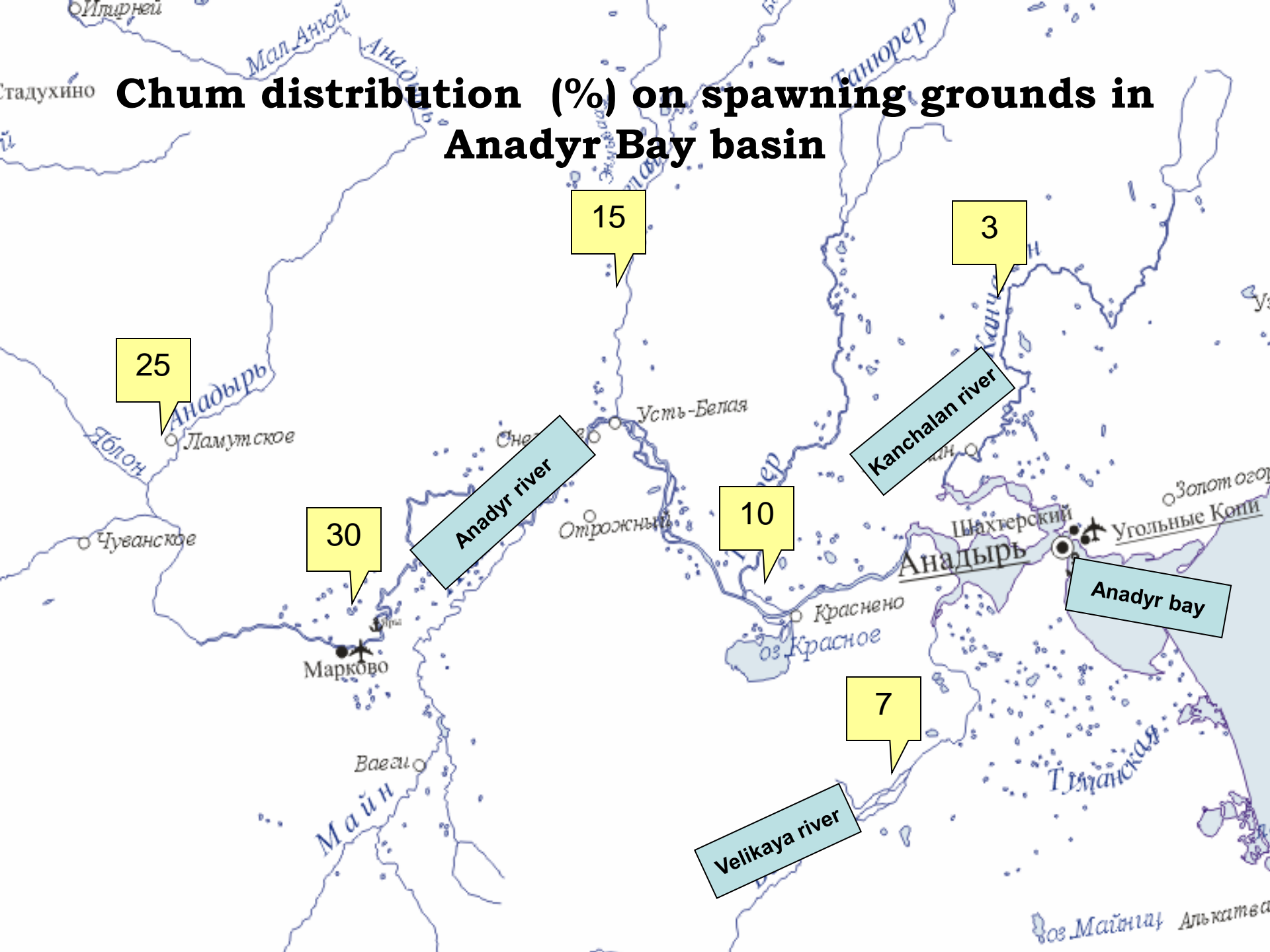


Average salmon abundance (%) in even numbered (1) and odd numbered (2) years

Chum distribution in Chukotka



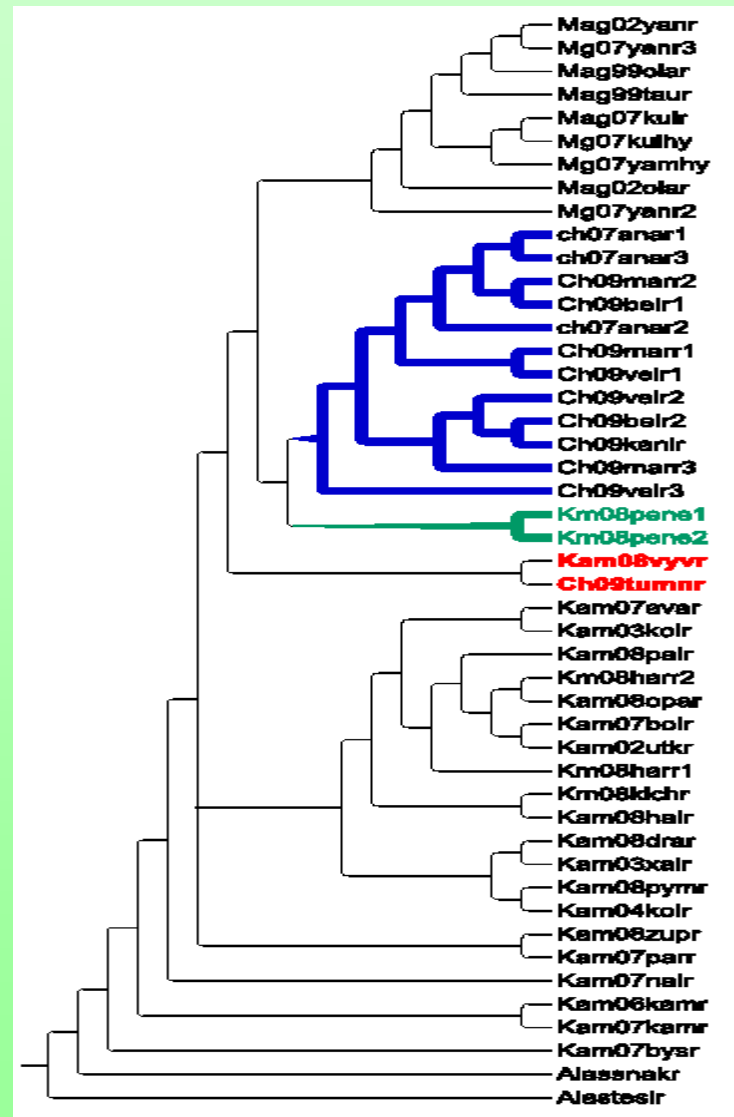
Chum distribution (%) on spawning grounds in Anadyr Bay basin



Genetic structure of Chukotka chum salmon

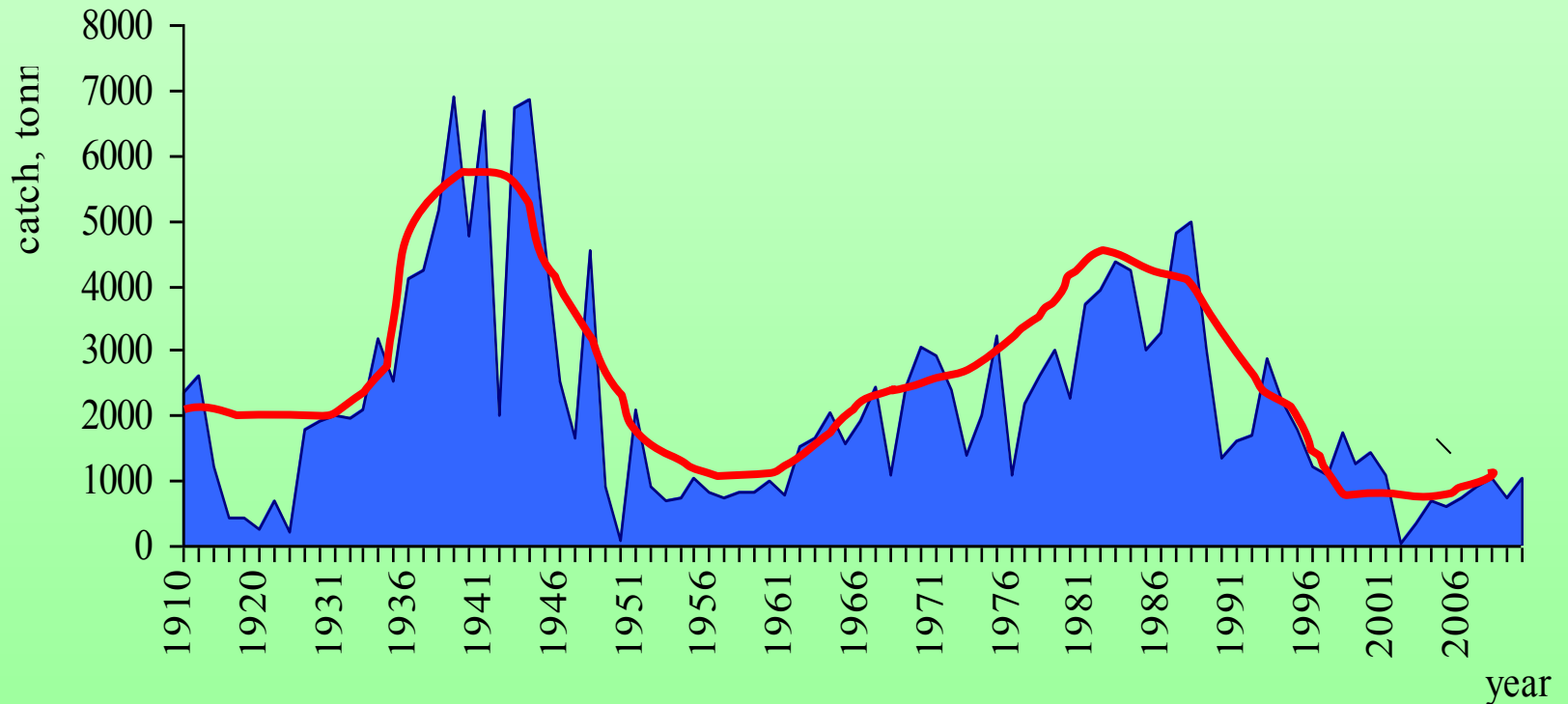
There is an authentic distinction between a Chukotka chum salmon and chum salmon from other northern regions

Samples from Anadyr Bay basin form a separate branch. The chum salmon from the river Tumanskaya lay separatly and forms a branch with sample of river Vyvenka in Kamchatka

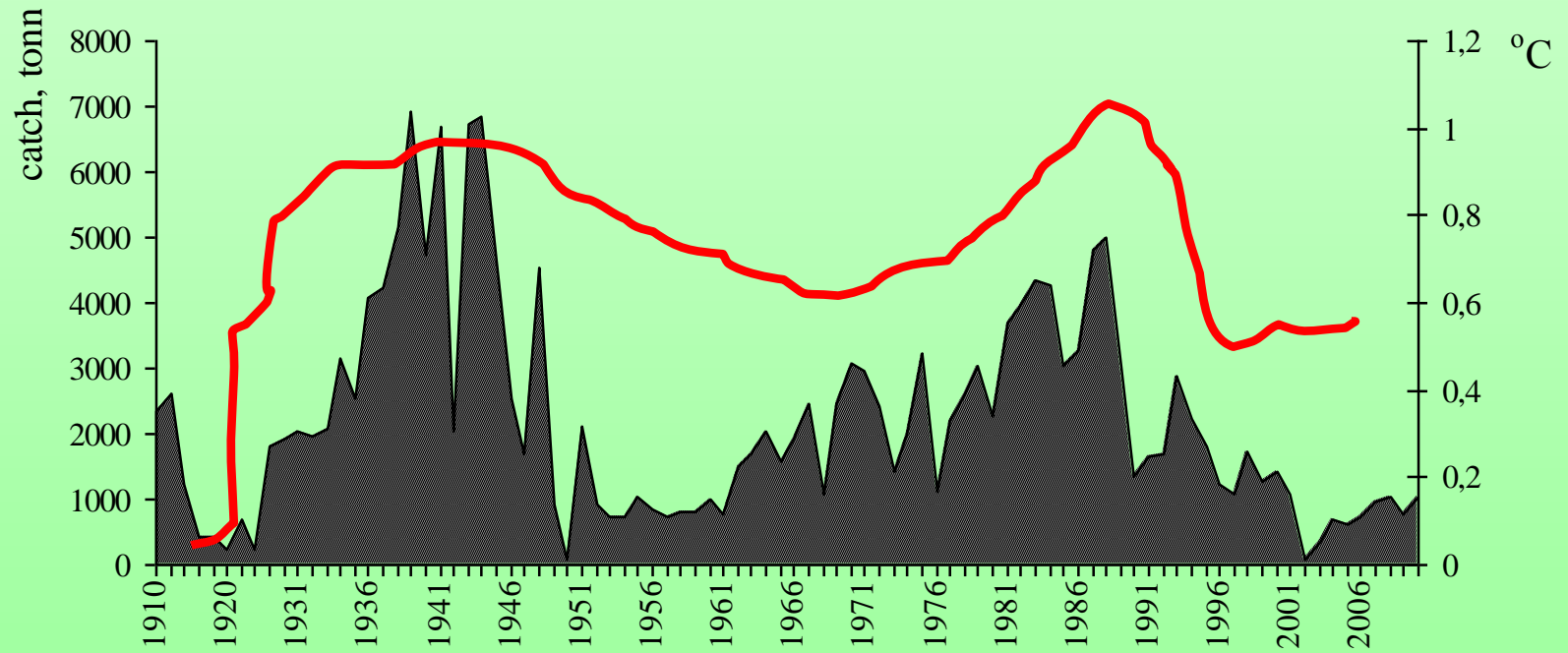


Trends in Anadyr chum abundance in 1910-2011

40-50 year period of fluctuations

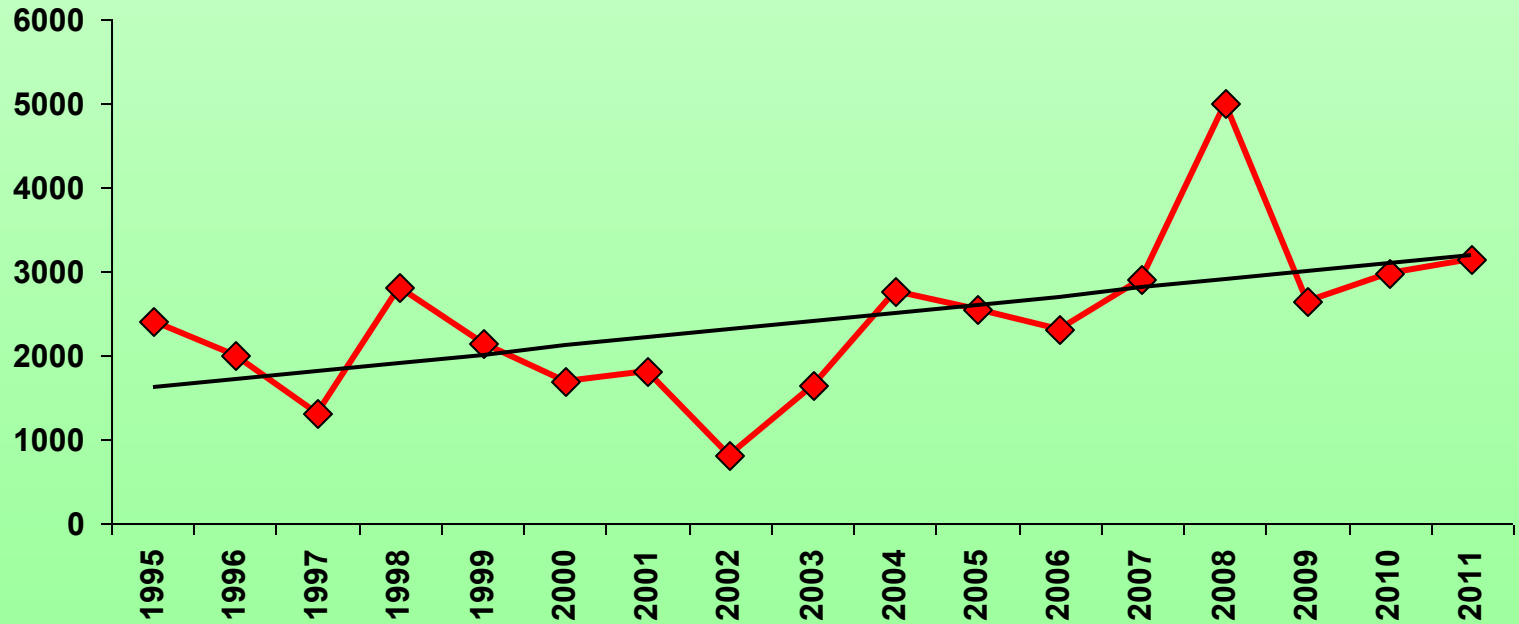


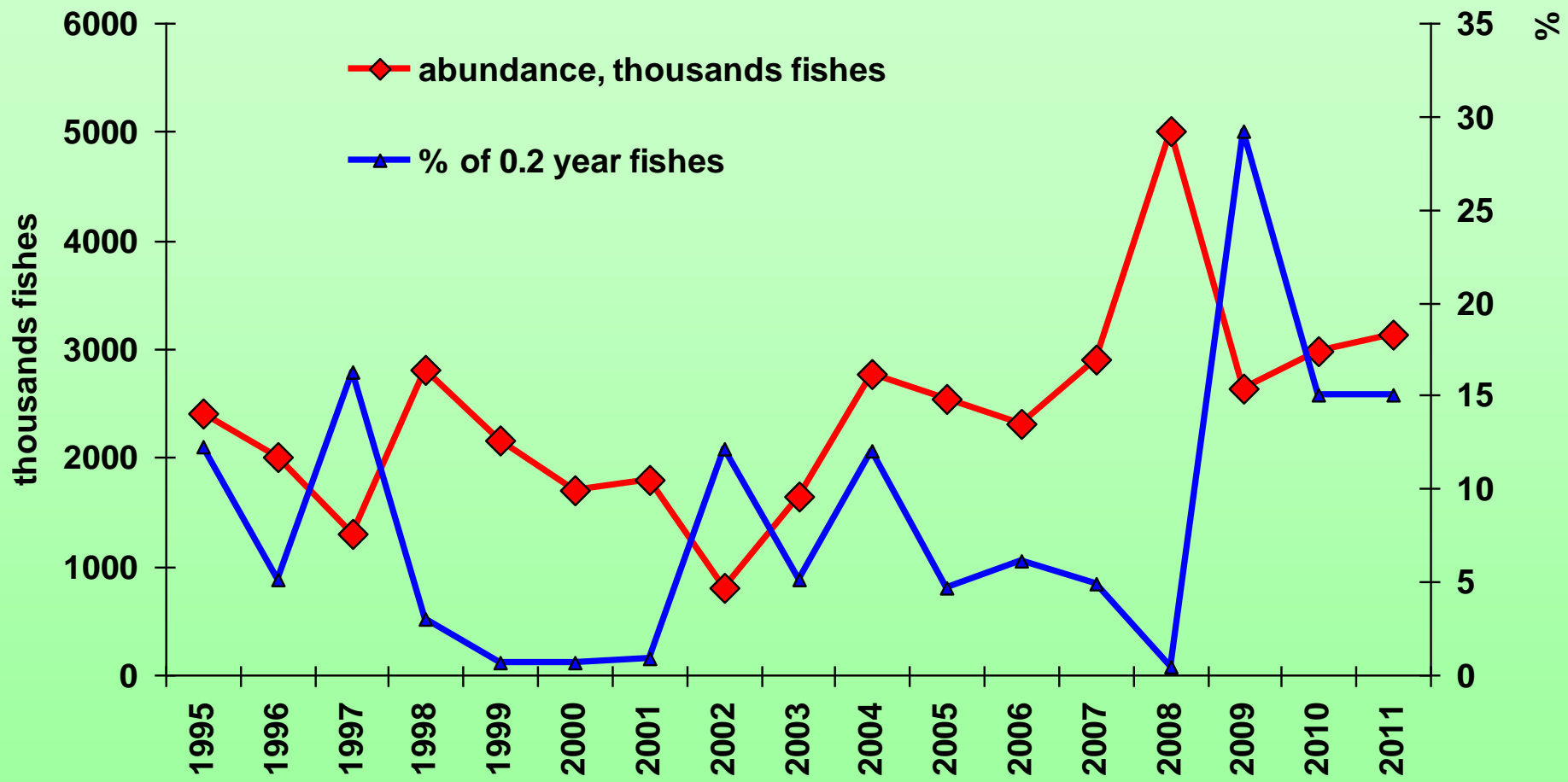
Anadyr chum abundance (our data) and global dT dynamic (by Klyashtorin, Lyubushin, 2005)



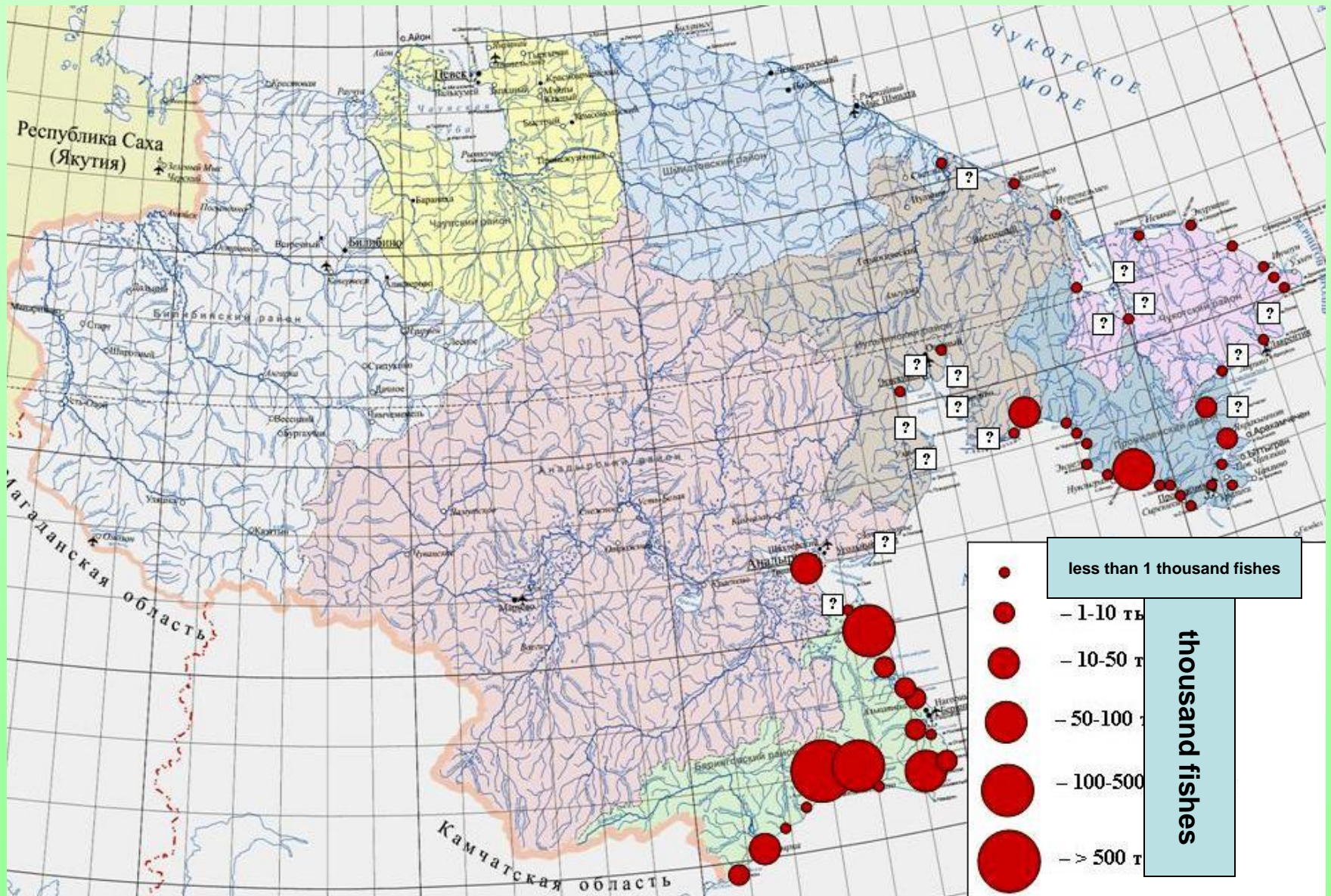
Trends in Anadyr chum abundance in 1995-2011

thousands fishes

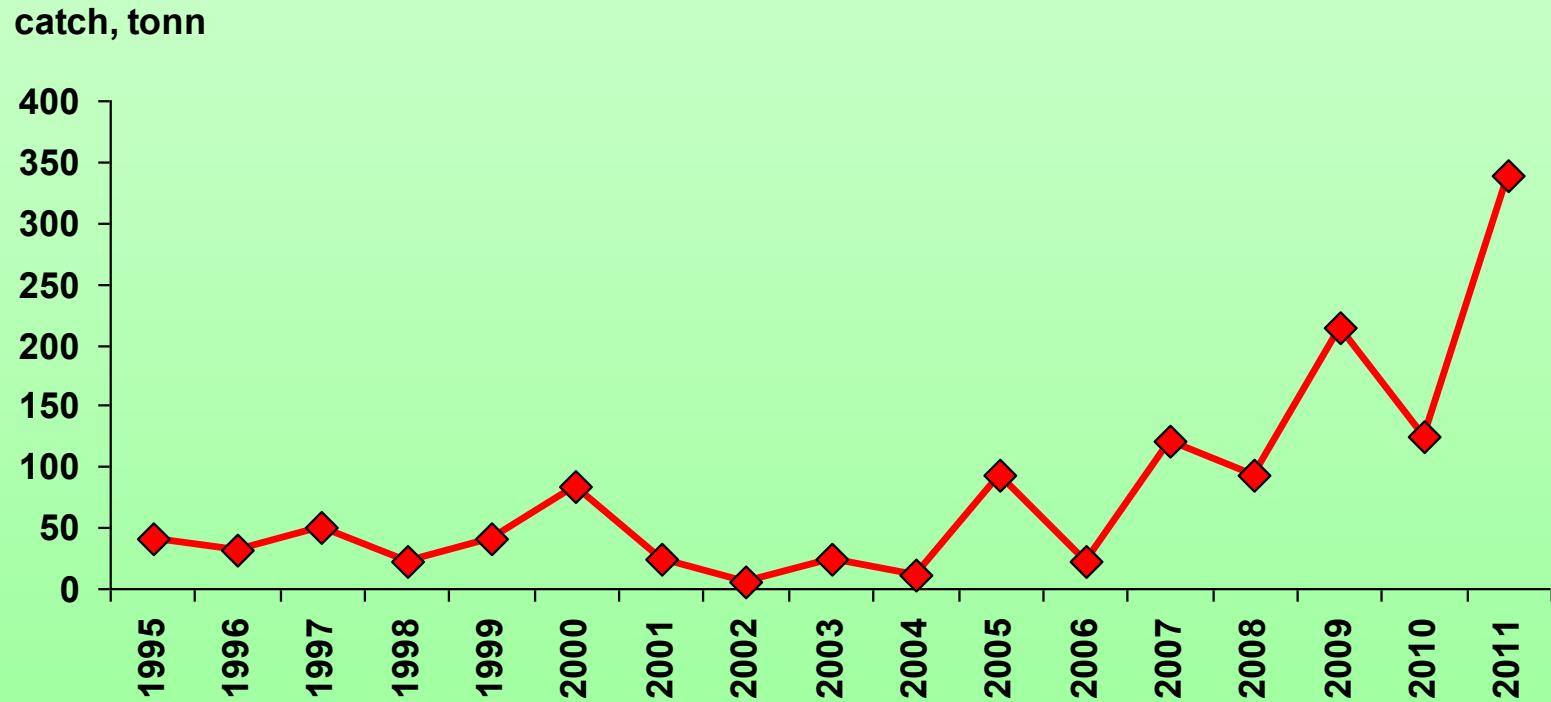




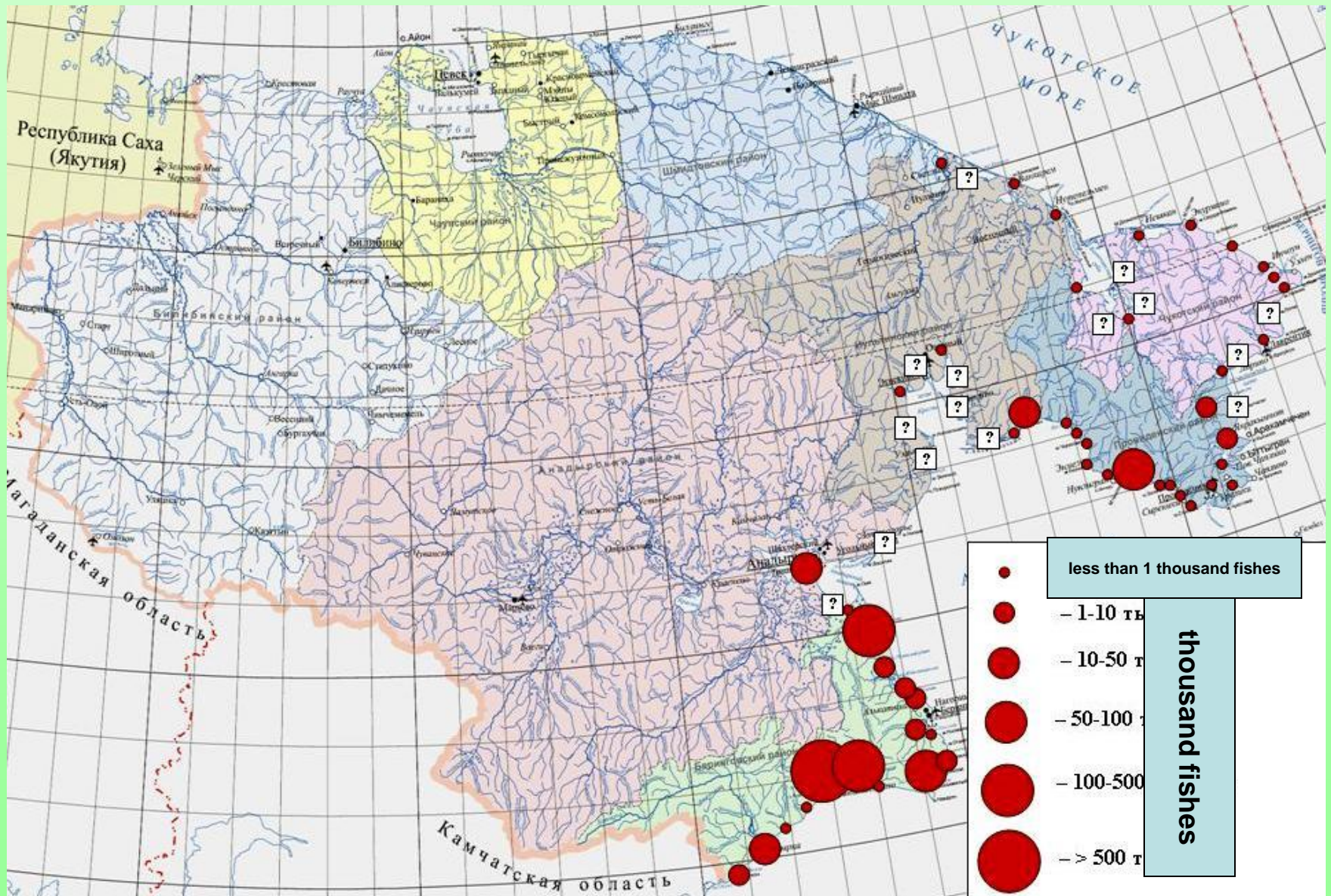
Pink salmon distribution in Chukotka



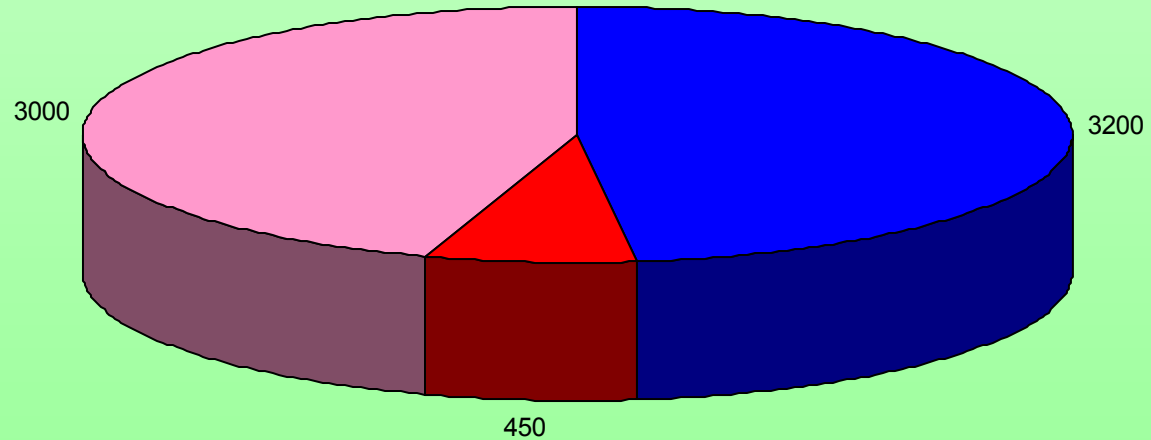
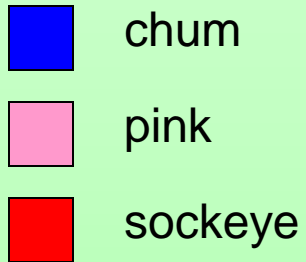
Pink salmon catch in Chukotka in 1995-2011



Pink salmon distribution in Chukotka



Salmon abundance (thousand fishes) in Chukotka in 2011



THANK YOU FOR ATTENTION!

