

# ZOOBENTHOS STUDIES IN THE EASTERN ARCTIC SEAS

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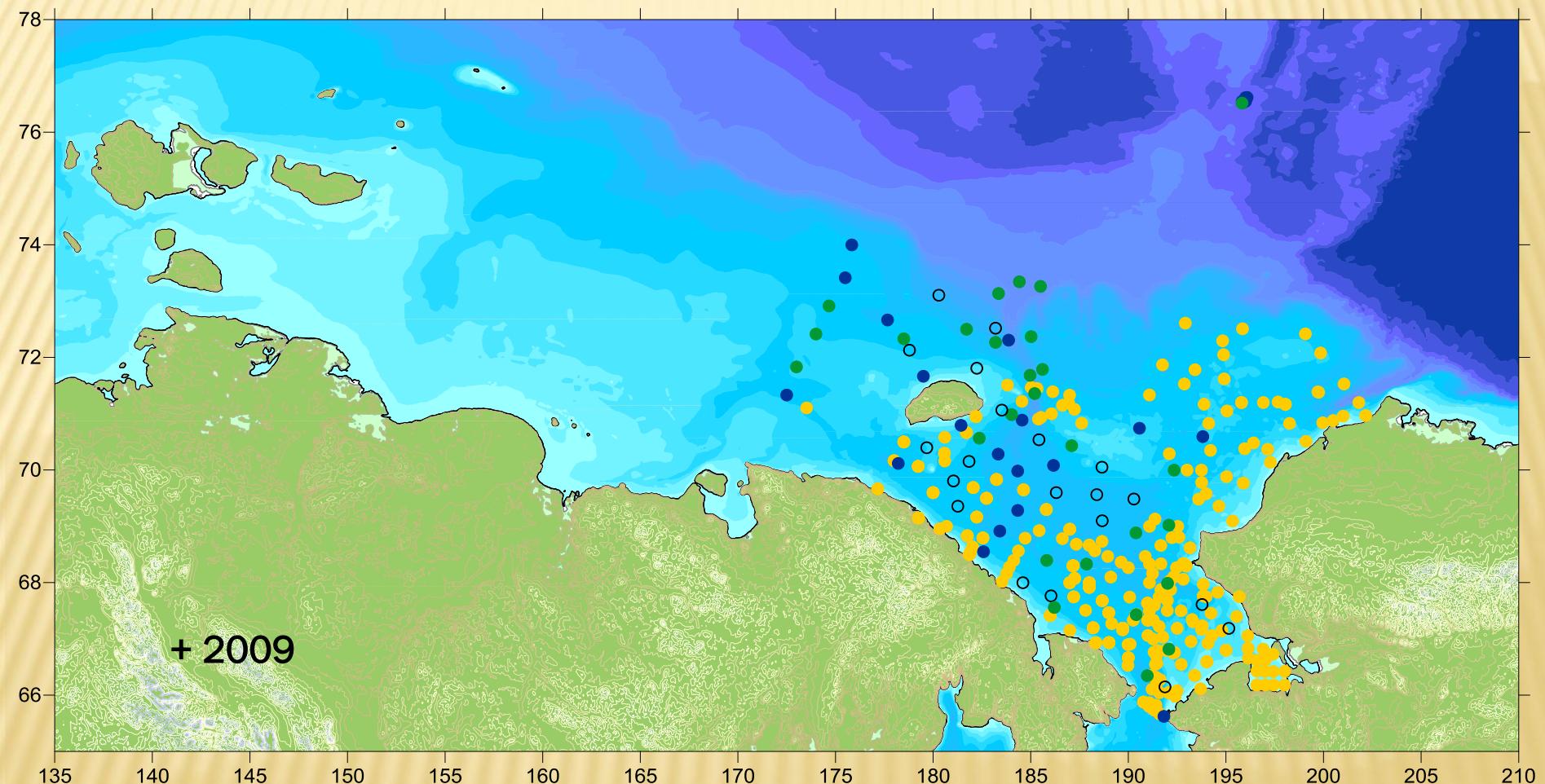


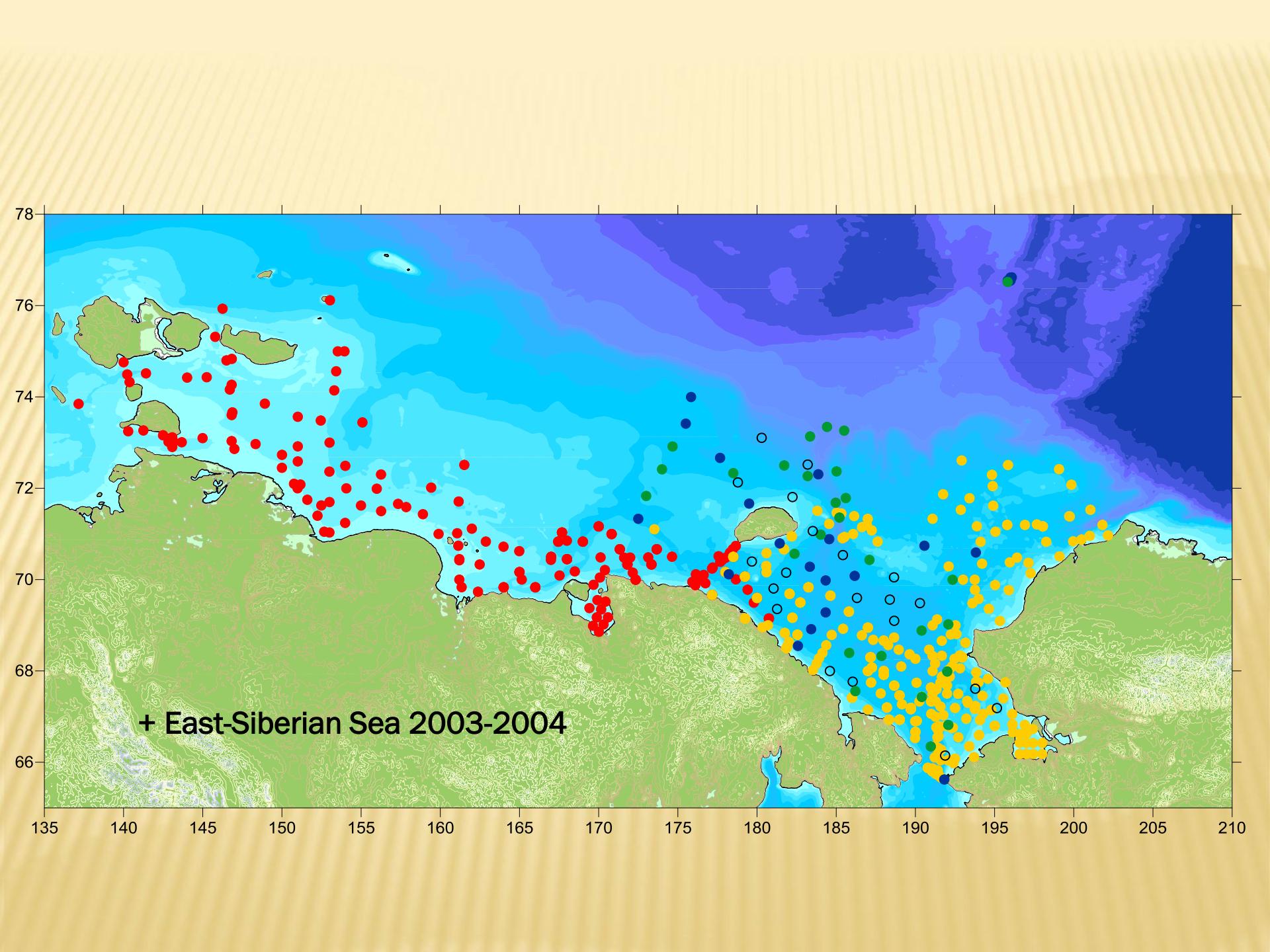
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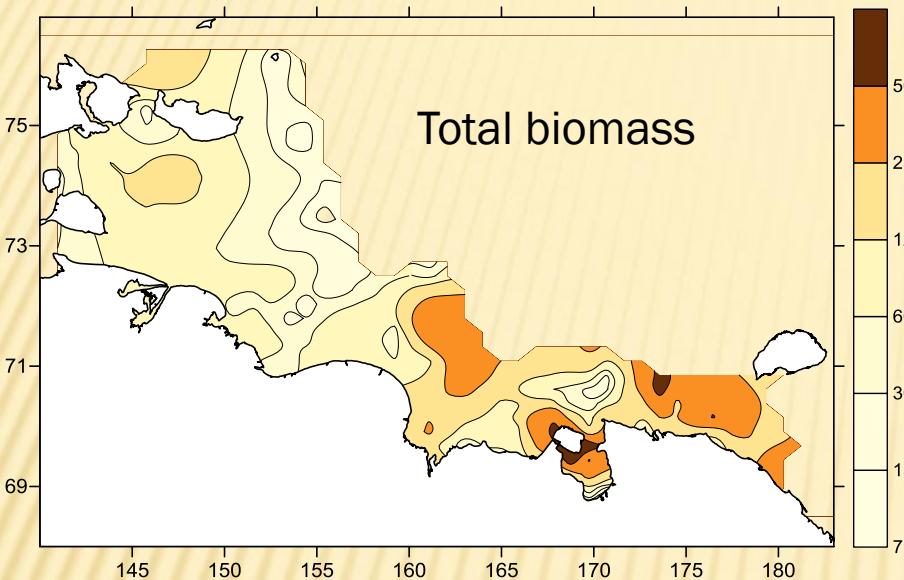
*St. Petersburg  
Russia*

## Russian and American zoobenthos sampling stations in the Chukchi Sea up to 2012

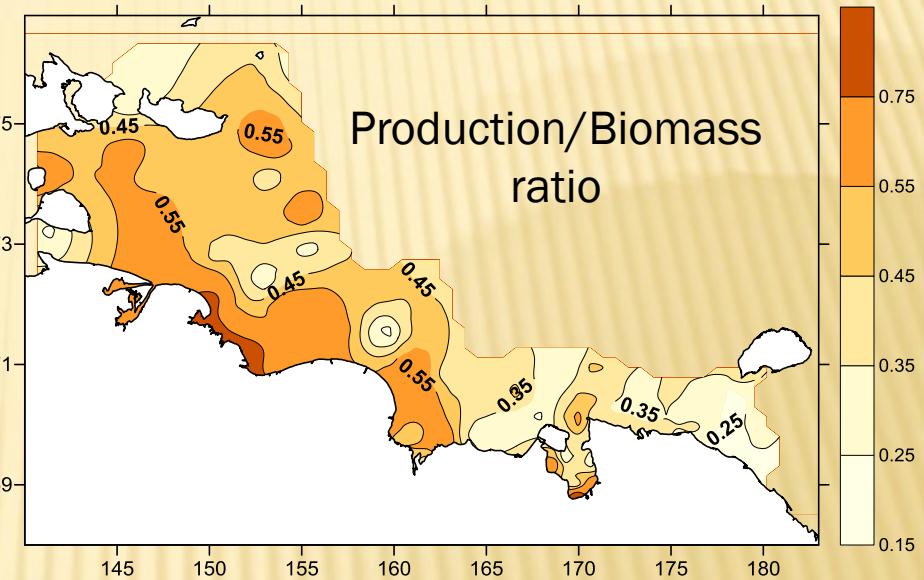




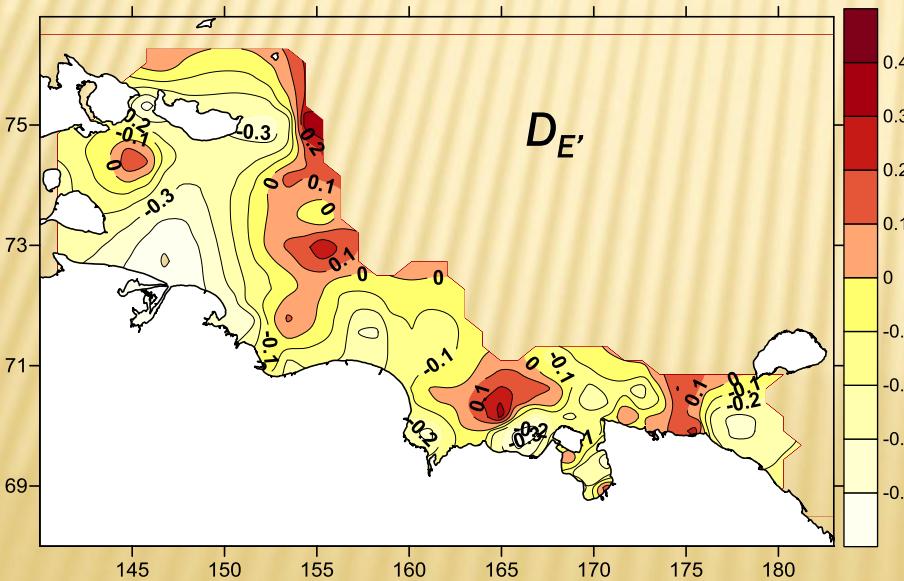
# The main functional and structural zoobenthos characteristics



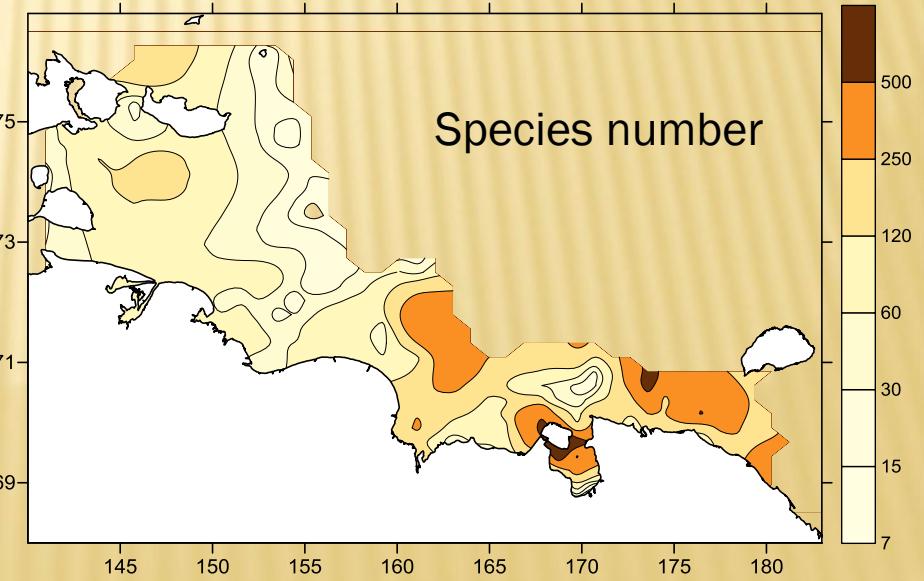
Total biomass



Production/Biomass ratio



$D_{E'}$



Species number

## Key species input into total biomass and bioresources of zoobenthos

Species	$R\%$	$R, m$	$B$	$B_{Err}, \text{z/m}^2$
<i>Portlandia arctica</i>	24.6	14577079	34.5	3.3
<i>Ennucula tenuis</i>	16.3	9655433	44.7	11.5
<i>Astarte borealis</i>	14.9	8836171	104.7	17.9
<i>Macoma calcarea</i>	7.0	4120465	40.0	13.3
<i>Saduria sabini</i>	3.8	2229755	13.3	2.7
<i>Saduria sibirica</i>	1.8	1055147		
<i>Nuculana radiata</i>	2.3	1336920	10.6	3.6
Others	29.3	17359465	—	—
Sum	100.0	59170435	178.9	15.5

## Main feeding types input into total biomass and bioresources of zoobenthos

Groups	$R\%$	$R, m$	$B, \text{z/m}^2$	$B_{Err}, \text{z/m}^2$
Detritovorous	57.6	34125376	72.5	8.1
Suspension feeders	26.7	15819576	77.3	11.0
Carnivorous	9.1	5405129	19.8	3.0
Sediment feeders	5.7	3348523	13.3	2.6
Omnivorous	0.3	44529	—	—
Scrapengers	0.1<	75488	—	—
Unclear	0.6	351817	—	—
Sum	100.0	59170436	116.4	22.4