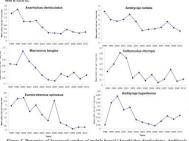
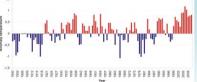
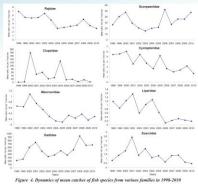
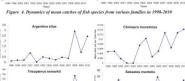
Dynamics of distribution and abundance of demersal fish in the Barents Sea based on Russian bottom trawl surveys 1998-2010

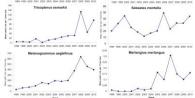


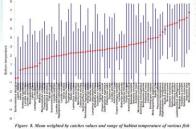


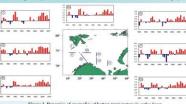


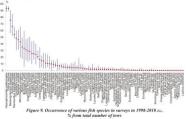


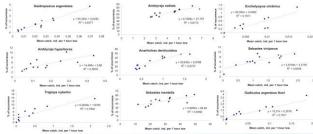












Oceanographic parameters	Latitude			Longitude		
	Min	Max	Range	Min	Max	Range
	Clu	pea pallas	i marisalbi			
la section (mean riperature)	0.22	0.95	0.36	0.21	0.82	0.00
Lindax 60 m	0.97	0.61	0.07	0.96	0.05	0.68
gradient 50 m	0.53	0.00	0.87	0.53	0.43	0.89
mean temperature 50 m	0.90	0.74	0.01	0.89	0.13	0.54
index 100 m	0.93	0.70	0.03	0.92	0.10	0.59
gradent 100 m	0.98	0.42	0.19	0.98	0.00	0.84
mean temperature 100 m	0.56	0.00	0.85	0.56	0.40	0.91
otion 3, st. 2-6,0-200 m	0.61	0.97	0.05	0.60	0.43	0.21
stion 52, st. 5-7,0-200 m	0.75	0.04	0.68	0.75	0.22	0.99
iden 31, st 8-9, 0-200 m	0.19	0.93	0.39	0.19	0.84	0.00
iction 29, st.8-12,0-200 m	9.75	0.89	0.01	9.75	0.28	0.35
ction 37, st. 12-18, G- dore	0.03	0.74	0.65	0.03	0.98	0.05
ia section, st. 8-10-0- dom	0.95	0.23	0.38	0.96	0.03	0.96
da section, st 3-7-0- doze	0.99	0.52	0.12	0.99	0.02	0.76
	Er	nchelyopus	cimbrius			
ria section (mean roperature)	0.11	0.02	0.15	0.18	0.28	0.06
index 60 m	0.03	0.41	0.33	0.02	0.25	0.15
gradient 50 m	0.25	0.25	0.55	0.02	0.16	0.40
mean temperature 50 xs	0.17	0.05	0.25	0.30	0.12	0.08
Index 100 m	0.32	0.31	0.70	0.06	0,31	0.50
gradent 100 m	0.31	0.29	0.66	0.03	0.17	0.38
muse temperature 100 m	0.26	0.12	0.44	0.06	0.56	0.20
sten 3, st. 2-6,0-200 H	0.10	0.04	0.02	0.14	0.27	0.01
sten 52, st. 5-7,0-200 m	0.63	0.01	0.56	0.41	0.33	0.62
stion St. st. 6-9, 0-200 m	0.08	0.19	0.00	0.50	0.06	0.01
ction 29, st.8-12.0-200 m	0.42	0.05	0.14	0.54	0.61	0.08
iction 37, st. 12-18, 6- itaes	0.07	0.01	0.07	0.18	0.14	0.03
dans	0.84	0.01	0.46	0.30	0.48	0.40
iz section, st 3-7- 6- dom	0.05	0.01	0.02	0.07	0.2F	0.01
iz section, st.3-7-6-	0.05	0.01	0.02	0.07	0.27	

Figure 7. Ratio of species wi	th various dynamics of c	catches in 1998-2010 in vari	ous zoogeographical groups