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DATA-MEQ () EUROGOOS; EMODNET Steering Committee; IOC/UNESCO GOOS Steering Committee; Aquatic Genetic Resources for Food and Agriculture, FAO; International Expert group for Blue growth initiative for the Black Sea - DG Research & Innovation .

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 MSFD CIS Technical Group on seabed habitats and sea-floor integrity (TG SEABED),

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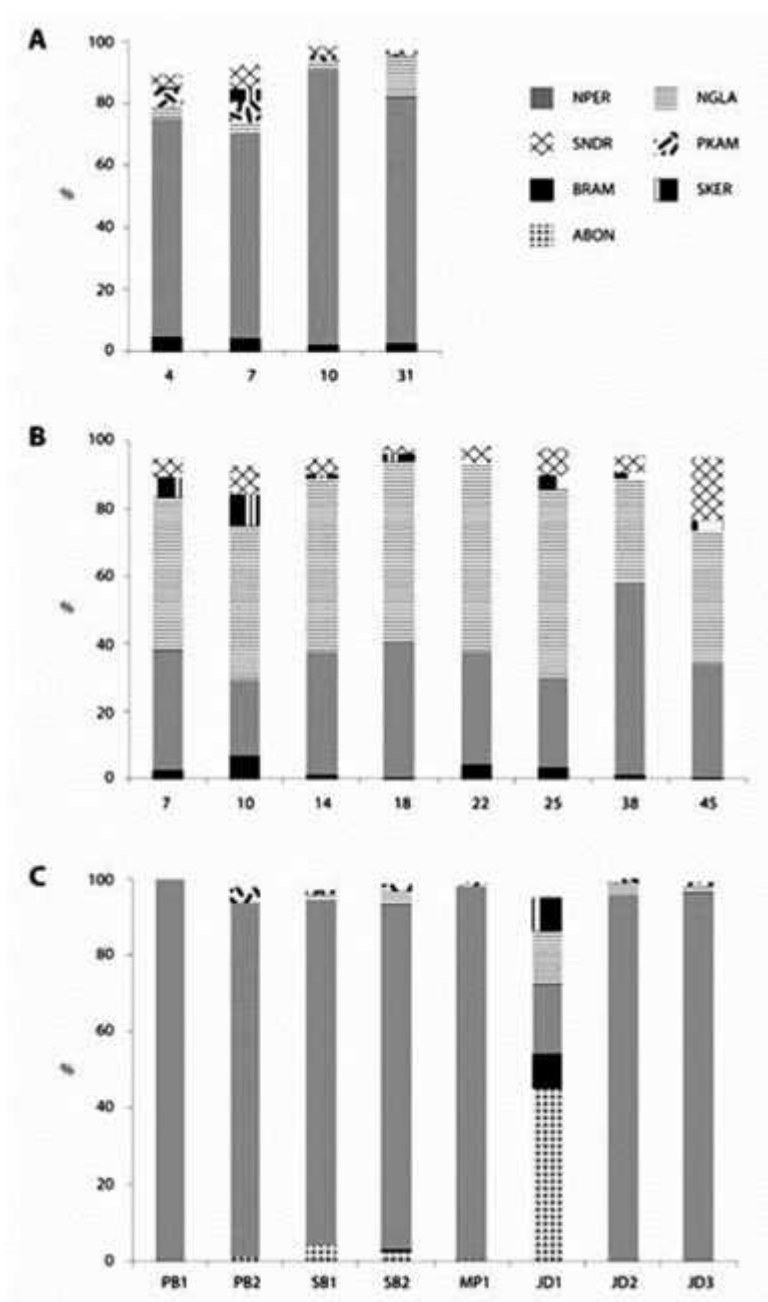
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Zidarova R., Ivanov P., Dzhebekova N. 2020. Diatom colonization and community development in Antarctic marine waters - a short term experiment. Polish Polar Research (Q2).

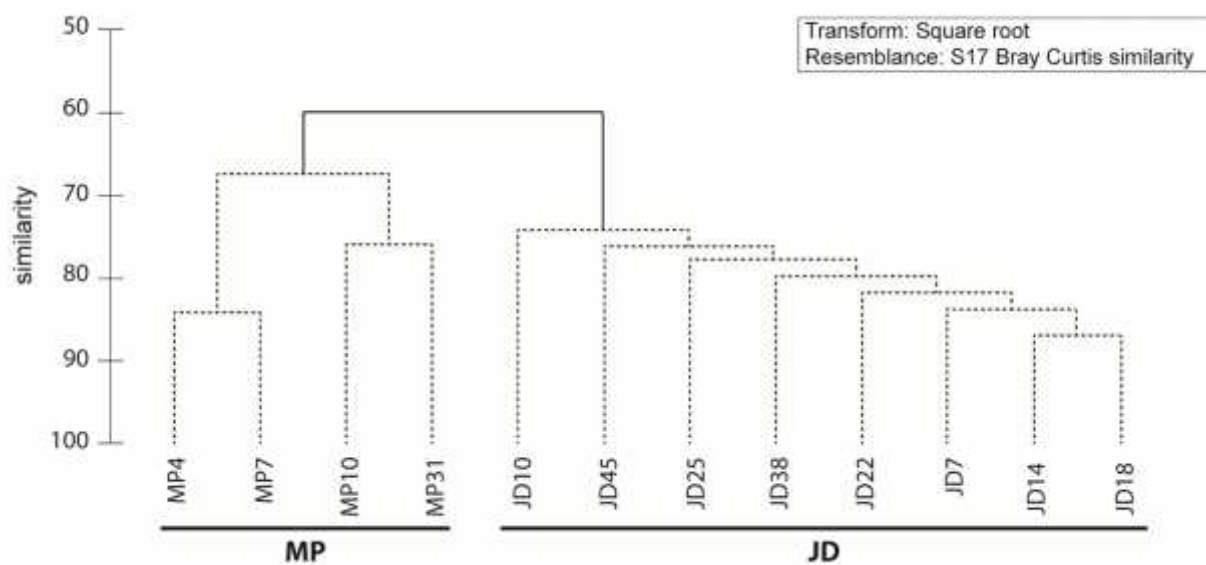
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(A). MP (Mongolian Port) (4, 7, 10, 31). (B) JD (Johnsons Dock) (7, 10, 14, 18, 22, 25, 38 & 45). (C)

(). ABON - Achnanthes bongrainii, BRAM - Brandinia mosimanniae, NGLA - Navicula glaciei, NPER - Navicula aff. perminuta, PKAM – Pseudogomphonema kamschaticum, SNDR - Synedropsis spp., SKER - Synedra cf. Kerguelensis.



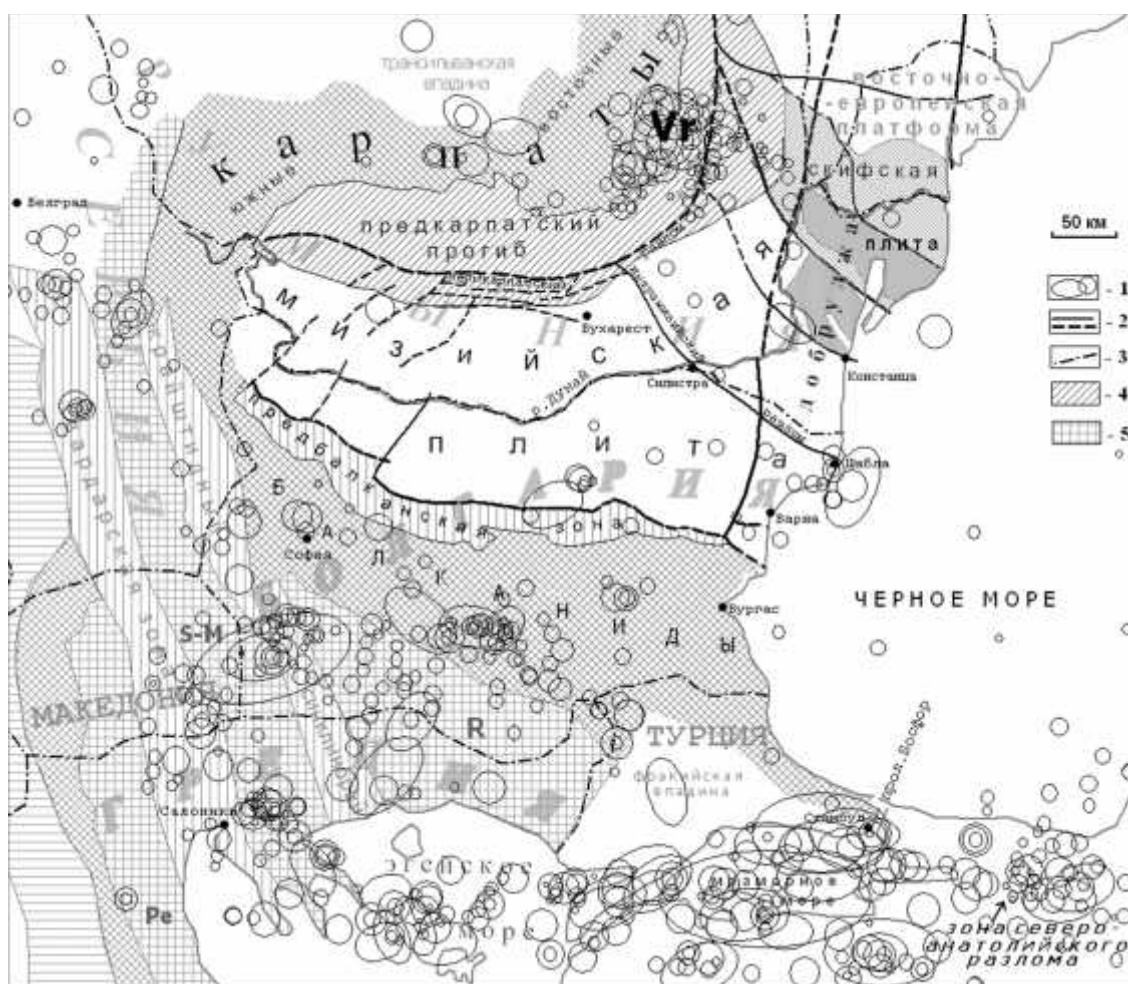
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($p < 0.01$).

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Rangelov Boyko, Orlin Dimitrov, Andrey M. Korzhenkov, Evgeny Rogozhin, Ovsyuchenko Aleksandr. 2019, ARCHAEOSEISMOLOGICAL STUDIES – BULGARIA-RUSSIA COOPERATION SES 2019. SES 2019 Proc. Fifteenth International Scientific Conference SPACE, ECOLOGY, SAFETY 6 – 8 November 2019, Sofia, Bulgaria, 2019, ISSN:p-ISSN 2603 – 3313 e-ISSN 2603 – 3321, 205-208

Rogozhin E.A., A. V. Gorbatikov, M. Yu. Stepanova, Yu. V. Kharazova, O. V. Dimitrov, A. M. Korzhenkov, A. A. Strelnikov. 2019, Holocenec Geological and Seismic Activity of the Fault System in Northeastern Bulgaria by the Complex of Geological-Geomorphological and Archeoseismological Methods. IZVESTIYA, ATMOSPHERIC AND OCEANIC PHYSICS Vol. 55 No. 8 2019, 55, 8, Pleiades Publishing, 2019, ISSN:0001-4338 (Print) 1555-628X (Online), DOI:10.1134/S0001433819080085, 846-859. SJR (Scopus):0.757



. 3. . 1) - 3.5; 2) -
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ANEMONE (Contract #83530/20.07.2018/),
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 BIO-OPTICS FOR OCEAN COLOR REMOTE SENSING OF THE
 BLACK SEA (Contract #4000123951/18/NL/SC Black Sea Color) “ ”
 - 15 - 06 2019.

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- MELTEMI MELTEMI @ Schools,
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iR2 – 9,

1	Env.C.2/FRA/2016/001 Framework contract for services to move towards good environmental status of the European marine waters by implementing the Marine Strategy Framework Directive	DG ENV European Union
2	-17-67/28.07.17	
3	11-2/15.12.2017 (Mugil cephalus, Liza aurata Liza saliens)	" "
4	-17-103/28.07.17	
5	203/19.09.18 . :-	
6	EASME/EMFF/2016/032 RECFISH EASME/EMFF/2016/1.3.2.5/01/SI2.770039 Recovery offisheries historical time series for the Mediterranean and	EASME/EMFF
7	MARE/2016/22 STREAM - "Strengthening regional coordination in data collection for the Mediterranean and Black Sea"	DG MARE, EC
8	80-10-239/31.08.2018 ():	e ()
9	EASME/EMFF/2015/1.3 EMODnet-High Resolution Seabed Mapping	EASME/EMFF
10	EASME/EMFF/2016/1.3. EMODnet - Geology	EASME/EMFF
11	4000123951/18/NL/SC : Black Sea Color BIO-OPTICS FOR OCEAN COLOR REMOTE SENSING OF THE BLACK SEA	European Space Agency
12	O	
13	-06- -24-1/2018	-
14	203/19.09.18 .	

15	-06- -12	COST
16	EASME/ MFF/2018/1.3. : EuSeaMap 4 - A physical habitat map for European Seas	EASME/ MFF

iR3 – 1

1	MELTEMI "Marine litter transnational Legislation Enhancement and Improvement (MELTEMI)",	Interreg-Balkan-Mediterranean
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iR4 – 1

1	818879 – REFRESH - Relate, Experience, Find Research Everywhere and SHare, 2019	Marie Skłodowska-Curie COFUND
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iR5 – 2

1	n°EASME/EMFF/2016/1. EuSeaMap3 EMODNet Lot2 Seabed Habitats EuSeaMap3	EASME
2	57 - - - - -	-

iD4 - 2

1	162/28/05/2018 . :-	-
2	161/28/05/2018 . :-	-

iT2 – 3

1	2015-1.3.1.3-SI2.727 EMODNET – Ingestion : – (Emodnet: Pan-European infrastructure for Ocean and Marine Data Management - Ingestion and safe-keeping of marine data)	
2	654359 eLTER H2020/ H2020: Integrated European Long-Term Ecosystem & Socio-Ecological Research Infrastructure	
3	730960-SeaDataCloud – - : (Further developing the pan-European infrastructure for marine and ocean data management), 730960 – SeaDataCloud – H2020-INFRAIA-2016-2017/H2020-INFRAIA-2016-1	

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on-line
IAMS LIC Distributed Library Z39.50

EURASLIC ILL Mailing List

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(EBSCOhost, APS-A11
JSTOR) (ScienceDirect, Scopus Web of ScienceTM
Core Collection).

- (ODINECET);
- (Union List of Serials Available at the
EURASLIC ECET Group Aquatic Libraries);
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- 05.07.2019 г.,
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([http://io-bas.bg/downloads/IO/Pravilnik za vatreshniya trudov red IO BAN.pdf](http://io-bas.bg/downloads/IO/Pravilnik_za_vatreshniya_trudov_red_IO_BAN.pdf)) “

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2. SONIX, 21 2020 .

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НАИМЕНОВАНИЕ НА ЗВЕНОТО: ИНСТИТУТ ПО ОКЕАНОЛОГИЯ - БАН - ВАРНА
 Справка за персонала към 31.12.2019 г.
 Информацията се представя в цели числа.
 Попълват се САМО клетките в зелен цвят.

№	ИЗМЕНЕНИЯ ВЪЗРАСТОВИТЕ КЪМ 31.12.2019 г.	31.12.2019 г.		31.12.2019 г.		31.12.2019 г.		31.12.2019 г.		31.12.2019 г.		31.12.2019 г.		31.12.2019 г.		31.12.2019 г.						
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2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1
3	17	10	0	0	0	0	0	0	0	0	1	4	3	4	3	4	3	4	3	2	3	0
4	8	7	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	42	18	0	0	2	1	3	6	1	6	0	6	7	6	2	1	6	3	6	1	7	1
8	14	6	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2
9	23	7	0	0	0	0	0	0	1	0	0	2	0	2	0	2	4	3	1	3	1	3
10	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	32	20	0	0	0	0	0	2	1	2	1	3	2	3	4	3	4	3	4	0	0	1
12	18	8	1	1	0	0	0	0	0	0	1	1	2	1	1	1	1	2	2	1	1	1
13	20	11	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	12	8	0	0	0	0	0	2	1	2	1	1	2	1	2	1	1	2	1	1	1	0
16	3	3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	32	20	0	0	0	0	0	2	1	2	1	3	2	3	4	3	4	3	4	0	0	1
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21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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Учен директор
 Д-р Димитър Димитров

Учен секретар
 Д-р Цветелина Цветелина

Учен съветник
 Д-р Цветелина Цветелина

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