

PROGRAM OF THE 49TH EMBS

Monday, September 08, 2014

09:30 – 09:40	EMBS-49 opening ceremony	GREETINGS FROM PROF. OLEG PUGACHEV, DIRECTOR OF ZOOLOGICAL INSTITUTE RAS
09:40 – 10:00	Hummel H., Frost M., Juanes J.A., et al.	A COMPARISON ON THE DEGREE OF IMPLEMENTATION OF MARINE BIODIVERSITY INDICATORS BY EUROPEAN COUNTRIES IN RELATION TO THE MARINE STRATEGY FRAMEWORK DIRECTIVE (MSFD)
	Session 1	Herman Hummel
10:00 – 10:30	<i>Bathmann U.</i>	CHALLENGES FOR ADAPTATION AND MITIGATION STRATEGIES FOR NERITIC MARINE FOOD WEBS (THE EU-BONUS PROGRAMME)
10:30 – 10:50	Dunlop K. M., Ruhl H. A., Smith K. L., Huffard C. L., Sherman A. D., Henthorn R. G., Hobson B. W.	STEREO CAMERAS AT STATION M: UNDERSTANDING THE CARBON UTILIZATION OF EPIBENTHIC MEGAFUNAL COMMUNITIES
10:50 – 11:10	Jacobs P., Riegman R., van der Meer J.	IMPACT OF THE BLUE MUSSEL (<i>MYTILUS EDULIS</i>) ON THE PELAGIC FOODWEB STRUCTURE IN THE WESTERN WADDEN SEA, THE NETHERLANDS
11:10 – 11:30	Yakovis E. L., Artemieva A. V.	PREDATORS MEDIATE THE EFFECT OF FOUNDATION SPECIES IN SUBTIDAL BARNACLE CLUSTERS
11:30 – 11:50	Coffee-break	
	Session 2	Vasily Spiridonov
11:50 – 12:10	Aristov D. A., Puzachenko G. A.	WHAT TO EAT INSTEAD OF CLAMS: THE MUDSNAIL <i>HYDROBIA ULVAE</i> AS A SECOND-BEST PREY FOR YOUNG MOONSNAIL <i>AMAUROPSIS</i> <i>ISLANDICA</i> AT THE WHITE SEA SANDFLATS
12:10 – 12:30	Dolgov A. V., Yaragina N. A.	DIET OF THE BARENTS SEA COD AS INDICATOR OF ECOLOGICAL CHANGES IN MARINE ECOSYSTEMS
12:30 – 12:50	Fanfard S., Charles F., Guarini J.-M.	PREDATION, A FUNDAMENTAL PROCESS IN MACROFAUNA COMMUNITY ASSEMBLING
12:50 – 13:10	Gagnon K., Jormalainen V.	FROM CORMORANTS TO ALGAE: TROPHIC CASCADES IN THE BALTIC SEA
13:10 – 13:30	Sukhotin A., Regel' K., Krasnov Yu.	WHEN MUSSELS ARE MOST TASTY: SEASONAL VARIATION OF CALORIC VALUE AND TISSUE BIOCHEMICAL COMPOSITION OF <i>MYTILUS</i> IN THE NORTH
13:30 – 14:40	Lunch	
	Session 3	Daria Martynova
14:40 – 15:00	Laming S.R., Gaudron S.M., Cunha M.R., Hilário A., Rodrigues C.F., Szafranski K., Le Bris N., Duperron S.	DEVELOPMENTAL TRENDS IN BACTERIAL SYMBIOSES AND THEIR NUTRITIONAL CONSEQUENCES IN TWO DEEP-SEA MUSSELS
15:00 – 15:20	Grebelyni S., Ivanova N.	ON THE FOOD OF THE ANTARCTIC SEA ANEMONE <i>URTICINOPSIS</i> <i>ANTARCTICA</i> CARLGRÉN, 1927 (ACTINIIDAE, ACTINIARIA, ANTHOZOA)
15:20 – 15:40	Shunatova N., Lezin P.	BRYOZOAN FEEDING – STENOLAEMATES' POINT OF VIEW
15:40 – 16:00	Berning B., Souto J., Reverto-Gil O., Ostrovsky A.N.	PREDATOR-PREY RELATIONSHIPS AT BATHYAL DEPTHS: A CASE STUDY USING CHEILOSTOME BRYOZOANS
16:00 – 16:20	Coffee-break	
	Session 4	Ulrich Bathmann
16:20 – 16:40	Silberberger M.J., Reiss H., Renaud P.	SPATIAL AND TEMPORAL VARIATION OF ARCTIC MEROPLANKTON IN NORTHERN NORWAY
16:40 – 17:00	Usov N.V., Kutcheva I.P., Martynova D.M.	PHENOLOGICAL SHIFTS IN THE SEASON DYNAMICS OF DOMINANT ZOOPLANKTON SPECIES IN THE WHITE SEA
17:00 – 17:20	Chelak M., Halsband C., Eiane K., Varpe Ø.	ABUNDANCE VARIATIONS OF <i>CALANUS FINMARCHICUS</i> AND <i>C.</i> <i>HYPERBOREUS</i> IN THE NORTHERN NE ATLANTIC IN RELATION TO LOCAL AND LARGE-SCALE ENVIRONMENTAL FACTORS
17:20 – 17:40	McGinty N., Marteinsdottir G., Augustdottir K.	BIOPHYSICAL COUPLING OF CHL-A AND ENVIRONMENTAL DRIVERS USING RECONSTRUCTED SATELLITE DATA FIELDS: THE POTENTIAL FOR FISHERIES INDICES USES IN HIGHER LATITUDE WATERS
18:30 – 20:30	Icebreaker party	

Tuesday, September 09, 2014

Session 5	Chairman	Alexey Sukhotin
10:00 – 10:30	<i>Wahl M.</i>	<i>BIOGENIC MODULATION OF ENVIRONMENTAL STRESS</i>
10:30 – 10:50	Cabana D., Sigala K., Nicolaidou A., Reizopoulou S.	INFLUENCES OF HABITAT COMPLEXITY ON BENTHIC MACROINVERTEBRATES COMMUNITIES: DOES BIOLOGICAL TRAIT COMPOSITION RESPONDS REGULARLY ACROSS SEASONS?
10:50 – 11:10	Svitina V.S., Gudimov A.V.	ESTUARINE POPULATION OF <i>SEMIBALANUS BALANOIDES</i> IN GRADIENT OF LIMITING FACTORS IN THE KOLA BAY
11:10 – 11:30	Yakovleva I.M., Baird A.H.	SENSITIVITY OF SYMBIOTIC AND ASYMBIOTIC LARVAE OF BROADCAST SPAWNING CORALS TO ULTRAVIOLET RADIATION
11:30 – 11:50	Coffee-break	
Session 6	Chairman	Martin Wahl
11:50 – 12:10	Jormalainen V., Haavisto F.	DEFENSIVE ROLE OF PHLOROTANNINS RESOLVED: CONSTITUTIVE AND INDUCED RESISTANCE TO HERBIVORY IN BLADDER WRACK
12:10 – 12:30	Mekhova E.S., Dgebuadze P.Y., Mikheev V.N., Britayev T.A.	DISTANT MIGRATIONS OF CRINOID ASSOCIATES. HOW DO THEY DO THIS?
12:30 – 12:50	Arevalo E., Ibanhez J.S.P., Kelly T., Rocha C., Papasprou S., Nicolaidou A.	EFFECT OF THE FILTER-FEEDING BIVALVE <i>CERASTODERMA GLAUCUM</i> ON BENTHIC METABOLISM: A MICROCOSM EXPERIMENT
12:50 – 13:10	Zvonareva S.S., Deart Yu.V., Britayev T.A.	STRUCTURE OF SYMBIOTIC ASSEMBLAGES ASSOCIATED WITH PLANTED CORALS DIFFERS FROM THAT OF NATURAL ONES
13:10 – 14:40	Lunch	
Session 7	Chairman	Veijo Jormalainen
14:40 – 15:00	Solidoro C., Libralato S., Del Negro P., Melaku Canu D.	SUSTAINABILITY, ECONOMIC VALUE, ECOLOGICAL IMPACT OF MUSSEL FARMS IN NORTHERN ADRIATIC SEA UNDER DIFFERENT ANTROPOGENIC AND CLIMATIC SCENARIOS
15:00 – 15:20	Zapata Ramirez P.A., Huete-Stauffer C., Markantonatou V., Riccioni G., Marconi M., Cerrano C.	MULTISCALE MODELLING OF PORTOFINO'S MPA COMMERCIAL FISH POPULATION. TOWARDS A NEW ECOSYSTEM-BASED MANAGEMENT APPROACH
15:20 – 15:40	Dekeyzer S. Waumans F., Houthoofd R., Vanhoorne B., Trias Verbeeck A., Vandepitte L., Deneudt K., Hernandez F.	DEMO OF THE LIFEWATCH DATA SERVICES: ONLINE DATA PROCESSING TOOLS FOR BIODIVERSITY RESEARCH
15:40 – 16:00	Coffee-break	
16:00 – 18:00	Poster session 1	
19:00 – 21:00	Round Table	

Wednesday, September 10, 2014

Session 8	Chairman	Bruce MacDonald
10:00 – 10:30	Galaktionov K.	<i>PARASITES ON THE EDGE: PATTERNS AND PROCESSES IN PARASITE TRANSMISSION IN ARCTIC COASTAL ECOSYSTEMS</i>
10:30 – 10:50	Welsh J.E., Van Der Meer J., Thieltges D. W.	BIODIVERSITY AND DISEASE RISK: DOES DIVERSITY ACTUALLY REDUCE DISEASE RISK?
10:50 – 11:10	Özer A., Güneydağ S.	SEASONALITY AND HOST-PARASITE INTERRELATIONSHIP OF <i>MYTILUS GALLOPROVINCIALIS</i> LAMARCK, 1819 PARASITES IN TURKISH BLACK SEA COASTS
11:10 – 11:30	Goedknecht M.A., Nauta R.W., Markovic M., Bedolfe S.L., Buschbaum C., Wegner K.M., Welsh J. E., Van Der Meer J., Thieltges D.W.	PARASITE SPILL-OVER, SPILL-BACK AND DILUTION EFFECTS OF INVASIVE OYSTERS IN THE WADDEN SEA
11:30 – 11:50	Öztürk T., Yesil A.	PARASITE FAUNA OF THE RED MULLET, <i>MULLUS BARBATUS PONTICUS</i> ESSIPOV, 1927, AND ITS DYNAMICS IN RELATION WITH SOME HOST AND SEASONAL FACTORS
11:50 – 12:10	Coffee-break	
Session 9	Chairman	Kirill Galaktionov
12:10 – 12:30	Pereladov M.V., Labutin A.V., Dearth Yu.V., Britayev T.A., Chikina M.V., Spiridonov V.A.	SEMI-ISOLATED FJORDIC LAGOONS IN THE BARENTS SEA AND THE STUDIES OF IMPACT OF THE INTRODUCED RED KING CRAB (<i>PARALITHODES CAMTSCHATICUS</i>) ON BENTHIC COMMUNITIES
12:30 – 12:50	Zalota A.	HABITATS, POPULATION COMPOSITION, BEHAVIOR AND DIET OF AN INTRODUCED CRAB <i>RHITHROPANOPEUS HARRISII</i> IN THE RUSSIAN WATERS OF THE BLACK SEA AND THE TAMAN BAY
12:50 – 13:10	Kuprijanov I., Kotta J., Herkul K.	DISTRIBUTION AND HABITAT PREFERENCES OF THE INVASIVE AND NATIVE PALAEMONID PRAWNS IN THE NORTH-EASTERN BALTIC SEA
13:10 – 13:30	Prudkovsky A.	IF THE TEMPERATURE CHANGE INDUCES PRODUCTION OF MEDUSAE IN THE WHITE SEA?
13:30 – 13:50	Hočevar S., Kogovšek T., Malej A.	INTERANNUAL VARIATION OF THE ASEXUAL REPRODUCTION OF <i>AURELIA AURITA</i> FOLLOWED IN SITU (BAY OF KOPER, ADRIATIC SEA)
13:50 – 14:40	Lunch	
14:40 – 16:20	Poster session 2	
16:20 – 16:40	Coffee-break	
17:00 – 21:00	Excursion	

Thursday, September 11, 2014

Session 10	Chairman	Nikolay Marfenin
10:00 – 10:30	<i>Benedetti-Cecchi L.</i>	<i>REGIME SHIFTS IN MARINE BENTHIC ASSEMBLAGES</i>
10:30 – 10:50	Spiridonov V.A., Budaeva N.E., Mokievsky V.O., Naumov A.D., Solyanko K.	SUBLITTORAL MACROBENTHIC ASSEMBLAGES IN THE GORLO STRAIT (WHITE SEA): MOSAIC PATTERN AND LOW BIOMASS IN AN AREA OF ACTIVE HYDRODYNAMIC
10:50 – 11:10	Hunter R.C., Hinchin H.	UNDERSTANDING ECOSYSTEM INTERACTIONS: CONCEPTUAL ECOLOGICAL MODELS IN BENTHIC HABITATS MONITORING
11:10 – 11:30	Dolgov A.V., Karsakov A.L.	HABITAT CONDITIONS OF VARIOUS FISH SPECIES IN THE BARENTS AND KARA SEAS
11:30 – 11:50	Coffee-break	
Session 11	Chairman	Lisandro Benedetti-Cecchi
11:50 – 12:10	Simakov M.I., Vedenin A.A., Udalov A.A.	BENTHIC FAUNA OF THE BLAGOPOLUCHIYA BAY (THE KARA SEA)
12:10 – 12:30	Deart Yu.V.	SOFT-BOTTOM MACROBENTHIC COMMUNITIES IN SHALLOW-WATER BAYS OF MURMAN COAST OF BARENTS SEA
12:30 – 12:50	Belmonte G., Valente S., Colangelo G., Russo R.	VAGILE MEIOFAUNA FROM ROCKY WALLS OF A SUBMARINE CAVE
12:50 – 13:10	Gagaev S.Yu., Grebelnyi S.D., Sirenko B.I., Potin V.V., Savinkin O.V.	CHANGE OF BOTTOM COMMUNITIES IN THE TIKHAYA BIGHT (GUKER ISLAND, FRANZ JOSEF LAND, ARCTIC)
13:10 – 13:30	Kudryavtsev A.	AMOEBOZOA IN DEEP-SEA ENVIRONMENTS
13:30 – 14:40	Lunch	
Session 12	Chairman	Genuario Belmonte
14:40 – 15:00	Polyakova Ye.I., Kryukova I.M., Abramova E.N., Martynov F.M., Novikhin A.E., Kassens H., Hoelemann J.	SPRING SEA-ICE ALGAL AND ICE-EDGE PHYTOPLANKTON COMMUNITIES FROM THE LAPTEV SEA POLYNIA IN 2012
15:00 – 15:20	Martynova D.M., Bloskina E.V., Nesterova V.N., Orlova E.L., Dolgov A.V.	ZOOPLANKTON COMMUNITIES OF FRANZ JOSEF LAND: A GAP OF THE ARCTIC
15:20 – 15:40	Kudryavtseva V.A., Belevich T.A., Zhitina L.S.	ICE ALGAE OF VELIKAYA SALMA STRAIGHT OF THE WHITE SEA: COMPOSITION, ABUNDANCE, VERTICAL DISTRIBUTION
15:40 – 16:00	Coffee-break	
16:00 – 18:00	Yellow Submarine	
19:00 – 22:00	Conference Dinner	

Friday, September 12, 2014

Session 13	Chairman	Ahmet Özer
10:00 – 10:20	Butler W.E., Jørgensen C., Opdal A.F., Fouzai N., Marteinsdottir G., Fiksen Ø.	COMPARING OPTIMAL AND RULE-BASED BEHAVIOURAL STRATEGIES IN LARVAL FISH MODELS
10:20 – 10:40	Dolgov A.V.	DIET OF NON-TARGET FISHES – COMPARISON BETWEEN THE NORTHERN BARENTS AND KARA SEA
10:40 – 11:00	Lajus D.L., Ivanova T.S., Shatskikh E.V., Artamonova V. S., Ivanov M. V.	THREE-SPINED STICKLEBACK IN THE WHITE SEA: LONG-TERM DYNAMICS AND SPATIAL DISTRIBUTION
11:00 – 11:20	Ingvaldsen R., Johannesen E., Yoccoz N., Dolgov A., Ellingsen K.	HABITAT USE BY THE BARENTS SEA COD UNDER RECENT WARMING CONDITIONS
11:20 – 11:40	Calo A., Di Franco A., Guidetti P., Garcia Charton A. J.	MULTISCALE PATTERN OF VARIABILITY IN EARLY LIFE TRAITS OF A MEDITERRANEAN COASTAL FISH
11:40 – 12:00	Coffee-break	
Session 14	Chairman	Jorge Navarro
12:00 – 12:20	Tinta T.	THE IMPACT OF <i>AURELIA</i> SP. DEGRADATION ON THE MICROBIAL COMMUNITY DYNAMICS IN THE BLACK SEA
12:20 – 12:40	Rothausler E., Jormalainen V.	GENETIC VARIATION IN PHOTOSYNTHETIC PERFORMANCE AND TOLERANCE TO EMERSION STRESS IN <i>FUCUS VESICULOSUS</i>
12:40 – 13:00	Starunova Z.I., Granovitch A.I., Mikhailova N.A.	SHELL SHAPE VARIATION IN <i>LITTORINA SAXATILIS</i> (MOLLUSCA, CAENOGASTROPODA) ALONG ENVIRONMENTAL AND GEOGRAPHIC GRADIENTS
13:00 – 13:20	Katolikova M.V., Khaitov V.M., Väinölä R., Gantsevitch M.M., Marchenko Y.T., Strelkov P.P.	HYBRIDIZING MUSSELS <i>MYTILUS EDULIS</i> AND <i>M. TROSSULUS</i> IN THE WHITE SEA: GENETICS, DISTRIBUTION, ECOLOGY AND MORPHOLOGY
13:20 – 14:40	Lunch	
Session 15	Chairman	Nada Krstulović
14:40 – 15:00	Shunkina K.V., Nekludova U.A., Ostrovsky A.N.	LIFE CYCLE AND GAMETOGENESIS OF THE CHEILOSTOME BRYOZOAN <i>CRIBRILINA ANNULATA</i> (GYMNOLAEMATA) ON THE SUBSTRATA WITH DIFFERENT LONGEVITY IN THE WHITE SEA
15:00 – 15:20	Kováčiková M., Simdyanov T.G., Paskerova G.G., Diakin A., Valigurová A.	MOTILITY OF <i>SIEDLECKIA NEMATOIDES</i> (APICOMPLEXA): STRUCTURAL CHANGES OF CYTOSKELETAL ELEMENTS AFTER DRUGS APPLICATION
15:20 – 15:40	Valigurová A., Paskerova G.G., Diakin A., Simdyanov T. G.	ATTACHMENT STRATEGY OF <i>ELEUTHEROSCHIZON DUBOSCQI</i> (APICOMPLEXA): A PROTOCOCCIDIAN SHARING FEATURES OF GREGARINES AND CRYPTOSPORIDIA
15:40 – 16:00	Macho G., Woodin S. A., Vázquez E., Wetthey D.S.	REPRODUCTIVE SUCCESS OF THE BOREAL BARNACLE <i>SEMIBALANUS</i> <i>BALANOIDES</i> AT ITS SOUTHERNMOST DISTRIBUTION LIMIT (GALICIA, SPAIN)
16:00 – 16:15	EMDS-49 closing ceremony	

PROGRAM OF THE 49TH EMBS, POSTER PRESENTATIONS

Session 1, September 08, 2014, 16:20—18:40

INTERTIDAL ZOOCENOSES OF THE KOLA BAY

S. A. Afoncheva, P. P. Kravec

STUDY OF *POSIDONIA OCEANICA* CANOPY IN THE AREA AFFECTED BY COSTA CONCORDIA WRECK

T. Bacci, M. Penna, S. F. Rende, B. Trabucco, P. Gennaro, V. Marusso, A. M. Cicero

GLUTATHIONE SYSTEM RESPONSE UNDER THE INFLUENCE OF TEMPERATURE IN TISSUES OF MUSSELS *MYTILUS EDULIS* L.

E. V. Borvinskaya, I. V. Sukhovskaya, I. N. Bakhmet, N. N. Nemova, L. P. Smirnov

FEEDING OF JUVENILES OF TREE-SPINED STICKLEBACK *GASTEROSTEUS ACULEATUS* L.

IN THE COASTAL ZONE OF THE WHITE SEA

A. S. Demchuk, M. V. Ivanov, T. S. Ivanova, N. V. Polaykova, D. L. Lajus

VARIATION IN FEEDING INTENSITY OF THE COLONIAL HYDROID *OBELIA LONGISSIMA* (PALLAS 1766)

DEPENDING ON THE PHASES OF THE WHITE SEA TIDAL CYCLE

V. S. Dementiev, N. N. Marfenin

BURROWING SHRIMPS IN THE FAUNA OF PETER THE GREAT BAY (SEA OF JAPAN)

D. D. Golubinskaya, I. N. Marin, N. I. Selin, O. M. Korn, E. S. Kornienko

LIPID COMPOSITION RESPONSE TO TEMPERATURE CHANGES IN BLUE MUSSELS *MYTILUS EDULIS* L. FROM THE WHITE SEA

N. N. Fokina, T. R. Ruokolainen, I. N. Bakhmet, N. N. Nemova

INTERANNUAL VARIATION OF THE ASEQUAL REPRODUCTION OF *AURELIA AURITA* FOLLOWED *IN SITU* (BAY OF KOPER, ADRIATIC SEA)

S. Hočevár, T. Kogovšek, A. Malej

WHICH ENVIRONMENTAL FACTORS CONTROL THE COMPOSITION OF MIXED MUSSEL POPULATIONS

(*MYTILUS EDULIS*, *M. TROSSULUS*) IN THE WHITE SEA?

V. M. Khaitov, M. V. Katolikova, P. Y. Safonov, P. P. Strelkov

VERTICAL DISTRIBUTION OF PHOTOTROPHIC MICROORGANISMS BASED ON OPTICAL MEASUREMENTS

IN SEPARATING LAKES OF KANDALAKSHA GULF

A. V. Kharcheva, E. D. Krasnova, D. A. Voronov, I. I. Lyalin, A. V. Meschankin, S. V. Patsaeva

DISTRIBUTION OF SOME SPECIES OF *BUCCINUM* DEPENDING ON HABITAT CONDITIONS

IN THE NORTHWESTERN PART OF THE SEA OF OKHOTSK

O. A. Khoroshutina, E. A. Metelyov

SPATIAL DISTRIBUTION OF POPULATIONS OF "SAXATILIS" SPECIES COMPLEX (MOLLUSCA: LITTORINIDAE)

ON THE EAST MURMAN ROCKY SHORE (BARENTS SEA)

A. Y. Kirkilevich, A. N. Maksimovich, A. I. Granovitch, N. A. Mikhailova

WATERBORNE COPPER AND CADMIUM AFFECT CALCIUM-DEPENDENT PROTEOLYSIS IN MUSSEL:

LABORATORY SIMULATION AND FIELD SURVEYING

L.A. Lysenko, N.P. Kantserova, I.N. Bakhmet, Kh.N. Prokopenko, N.N. Nemova

LONG-TERM AND TRANS-GENERATIONAL EFFECTS OF OCEAN ACIDIFICATION:

A STUDY OF BENTHIC SPECIES UNDER NATURALLY-FLUCTUATING CONDITIONS

A. Mercier, D. A. N. Ross, J.-F. Hamel

SPATIAL AND BIOLOGICAL INFORMATION OF THREE UNCOMMONLY FISHED DEEP-WATER SPECIES IN THE EASTERN IONIAN SEA

Ch. Mytilineou, A. Anastasopoulou, P. Pattoura, C. J. Smith, S. Kavadas, K.-N. Papadopoulou

PARALYTIC SHELLFISH POISONING (PSP): EFFECTS ON FEEDING, GROWTH AND LIPID STORAGE IN JUVENILE *OSTREA CHILENSIS*

J. M. Navarro, W. Labrana, B. Cisternas, O. R. Chaparro, A. Ortiz

ABUNDANCE AND SPATIAL DISTRIBUTION OF TWO INFAUNAL BIVALVES,

MACOMA BALTHICA AND *CERASTODERMA EDULE*, IN THE BARENTS SEA INTERTIDAL ZONE

S. A. Nazarova, K. V. Shunkina, E. A. Genelt-Yanovskiy

TROPHIC STRUCTURE OF THE ZOOBENTHIC COMMUNITY OF KERCH STRAIT

A.S. Terentyev

NOVEL TOXICITY ASSAY FOR BRACKISH WATERS USING TWO CILIATE SPECIES OF *PARAMECIUM* SP.

O. Popova, L. Blaha

- FIRST DATA ON THE SEXUAL REPRODUCTION
IN THE MEDITERRANEAN CHEILOSTOME BRYOZOANS *MYRIAPORA TRUNCATA* AND *ADEONELLA CALVETI*
U. A. Nekliudova, E. T. Shevchenko, A. N. Ostrovsky, A. V. Ereskovsky
- NO RULES FOR *MACOMA?* ON THE LONG-TERM TEMPORAL AND SPATIAL VARIATION
OF THE BALTIC TELLINS POPULATIONS AT THE KANDALAKSHA BAY OF THE WHITE SEA
A. V. Poloskin, S. A. Nazarova, D. A. Aristov, V. M. Khaitov, A. D. Naumov
- DISTRIBUTION OF JUVENILES OF THREE SPINE STICKLEBACK *GASTEROSTEUS ACULEATUS* L.
IN NATURAL AND EXPERIMENTAL CONDITIONS
E. V. Shatskikh, M. V. Ivanov, T. S. Ivanova, A. V. Kucheryavyy, D. L. Lajus
- LIFE HISTORY OF *CALLOPORA CRATICULA* (CHEILOSTOMATA, GYMNOLEAENATA) IN CHUPA INLET
(KANDALAKSHA BAY, WHITE SEA)
E. T. Shevchenko, U. A. Nekliudova, O. N. Kotenko, A. N. Ostrovsky
- CURRENT STATUS AND LONG-TERM CHANGES OF *ZOSTERA MARINA* L. IN CASE OF THE BABIE MORE BAY (WHITE SEA)
U. V. Simakova
- BIOGEOGRAPHIC AND DISTRIBUTION TRENDS OF CHEILOSTOME BRYOZOAN ASSAMBLAGES
IN ONE DEEP WATER SEAMOUNT: THE GALICIA BANK (NE ATLANTIC)
J. Souto, B. Berning
- THE HEAVY METALS INFLUENCE ON THE BIOLUMINESCENCE CHARACTERISTICS VARIABILITY
OF THE *MNEMIOPSIS LEIDYI* A. AGASSIZ, 1865
Yu. N. Tokarev, O. V. Mashukova
- FEED PHYTOPLANKTON DYNAMICS AND GROWTH OF CULTIVATED OYSTERS *CRASSOSTREA GIGAS* IN THE BLACK SEA
O. Yu. Vyalova, N. V. Pospelova
- MAXIMUM AGE OF COASTAL COD *GADUS MORHUA MARISALBI* IN THE WHITE SEA
P. N. Yershov, Ch. Marschal, A. V. Ereskovsky
- SAITHE (*POLLACHIUS VIRENS*) AND HAKE (*MERLUCCIIUS MERLUCCIIUS*) SPATIAL INTERACTIONS IN THE NORTH SEA
X. Cormon, C. Loots, S. Vaz, Y. Vermard, P. Marchal
- BIODIVERSITY OF SYMBIOTIC GASTROPODS FROM ECHINODERMS OF THE BAY OF NHATRANG (SOUTH VIETNAM)
P. Yu. Dgebuadze
- MORPHOLOGY OF GAMETOCYST, OOCYST AND SPOROZOITES
OF EXTRAORDINARY COELOMIC GREGARINE *UROSPORA TRAVISIAE* FROM MARINE POLYCHAETE
A. Diakin, M. Kováčiková, A. Valigurová
- INVESTIGATION INTO SPECIFICITY AND STABILITY OF THE SYMBIOTIC ASSOCIATION BETWEEN
THE MARINE SPONGE *HALISARCA DUJARDINI* AND BACTERIA
A. A. Gudkova, A. E. Vishnyakov
- COMPETITIVE INTERACTION BETWEEN *FUCUS SERRATUS* AND *PALMARIA PALMATA*
S. S. Malavenda
- REVEALING LIPARID FISH EGG CLUTCH INSIDE THE GOLDEN KING CRAB *LITHODES AEQUISPINUS* BENEDICT, 1895
(DECAPODA, ANOMURA, LITHODIDAE): COMMENSALISM OR PARASITISM?
E. A. Metelyov
- SHORT-TERM DYNAMICS OF PERIPHYTIC DIATOM COMMUNITIES
ON THE COLONIAL HYDROID *OBELIA LONGISSIMA* (PALLAS 1776)
F. V. Sapozhnikov, N. N. Marfenin
- INDIRECT EFFECTS OF THE INVASIVE PACIFIC OYSTER REGULATE THE POPULATION STRUCTURE OF BLUE MUSSELS
A. M. Waser, J. Van Der Meer
- BORED TO DEATH: EFFECT OF THE PREDATORY WHELK
BOREOTROPHON CLATHRATUS ON THE BARNACLE *BALANUS CRENATUS* IN THE WHITE SEA SHALLOW SUBTIDAL
E. L. Yakovis, A. V. Artemieva
- GLOBAL CHANGE, ZOOPLANKTON SHIFTS, AND C, N AND P CYCLES IN THE SOUTHERN OCEAN
M. Alcaraz, R. Almeda, C. M. Duarte, B. Horstkotte, S. Lasternas, S. Agustí
- COMMUNITY COMPOSITION IN REDOX ZONE OF SALT LAKES SEPARATING FROM THE WHITE SEA
E. D. Krasnova, I. A. Milutina, D. A. Voronov

THE ROLE OF THE INVASIVE BIVALVE *ANADARA KAGOSHIMENSIS*
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