

Program**Life Sciences**
May 10, 2023, Wednesday**Zoom link:**<https://us06web.zoom.us/j/85700744680?pwd=bHkyVGlyNGlvUkduVHhkOXNVTkdDZz09>**Meeting ID:** 857 0074 4680**Passcode:** 337135**Session 1. Chair – Ivan Parnikoza, Yevheniia Prekrasna-Kviatkovska**
(15:00–18:00, Kyiv Time, UT+3h)

Time	Presenter and co-authors. Title
15:00– 15:20	M. Nabokin, V. Tkachenko, P. Kovalenko BOECKELLA POPPEI (MRAZEK, 1901) (CALANOIDA, CENTROPAGIDAE) OF THE ROCK POOLS OF THE ARGENTINE ISLANDS DURING THE SOUTHERN SUMMER 2021-2022
15:20– 15:40	T.A. Kuzmina, O.O. Salganskiy, Y.Y. Syrota, O.I. Lisitsyna, Y.I. Kuzmin HELMINTH COMMUNITY IN NOTOTHENIA CORIICEPS IN ARGENTINE ISLANDS, WEST ANTARCTICA: INFECTION PATTERNS AND INDICATOR SPECIES
15:40– 16:00	A. Utevsky, S. Utevsky, J.M. Cichocka, A. Bielecki † M. Santoro, P. Trontelj RETURN OF THE PRODIGAL SON TO THE ANTARCTIC HOMELAND: MORPHOLOGY AND MOLECULAR PHYLOGENETIC RELATIONSHIPS OF A NEW FISH LEECH (HIRUDINEA: PISCICOLIDAE) IMPLY A BIPOLAR BIOGEOGRAPHICAL PATTERN
16:00– 16:20	O.V. Savenko MARINE MAMMAL RESEARCH AT UKRAINIAN ANTARCTIC AKADEMIK VERNADSKY STATION: INITIAL RESULTS OF FIVE YEARS OF DEDICATED SURVEYS
16:20– 16:40	V.V. Tkachenko IMPLEMENTATION OF ZOOPLANKTON MONITORING IN THE WATERS OF THE ARGENTINE ISLANDS, WEST ANTARCTIC PENINSULA
16:40– 17:00	Coffee break (16:40–17:00)
17:00 17:20	L. Pshenichnov UNCERTAINTIES IN ESTIMATING TOOTHFISH SPECIES ABUNDANCE IN SOUTHERN OCEAN USING TAGGING
17:20– 17:40	<u>I.O. Andreev</u> , I.I. Konvalyuk, I.Yu. Parnikoza, V.A. Kunakh MOLECULAR-GENETIC ANALYSIS OF COLOBANTHUS QUITENSIS POPULATIONS FROM THE MARITIME ANTARCTIC USING RETROTRANSPOSON-BASED MARKERS
17:40– 18:00	<u>O.M. Bublyk</u> , I.O. Andreev, V.A. Kunakh IN SILICO ANALYSIS OF DaICE1 AND DaICE2 STRESS-INDUCIBLE TRANSCRIPTION FACTORS OF DESCHAMPSIA ANTARCTICA

May 11, 2023, Thursday

Zoom link:

<https://us06web.zoom.us/j/85700744680?pwd=bHkyVGlyNGlvUkduVHhkOXNVTkdDZz09>

Meeting ID: 857 0074 4680

Passcode: 337135

Session 2. Chairs – Ivan Parnikoza, Yevheniia Prekrasna-Kviatkovska
(10:00–13:40, Kyiv Time, UT+3h)

Time	Presenter and co-authors. Title
10:00– 10:20	<u>A.M. Rabokon</u> , <u>Yu.O. Bilonozhko</u> , A.S. Postovoitova, L.O. Kalafat, Igor Andreev, V.A. Kunakh, I.Yu. Parnikoza, I.A. Kozeretska, Ya.V. Pirko, Ya.B. Blume FIRST INTRON LENGTH POLYMORPHISM OF B-TUBULIN GENES OF COLOBANTHUS QUITENSIS FROM THE ARGENTINE ISLANDS-KYIV PENINSULA REGION
10:20– 10:40	<u>A. Puhovkin</u> , T. Kazantsev, M. Bartak, Y. Shepeta, A. Dzhulai, N. Miryuta, H. Yevchun, I. Parnikoza MONITORING OF TERRESTRIAL ECOSYSTEMS IN THE ARGENTINE ISLANDS: REMOTE SENSING OF THE MOSS BANKS
10:40– 11:00	<u>Ye. Prekrasna-Kviatkovska</u> , A. Yerkhova, M. Pavlovska, M. Dzyndra, I. Parnikoza ASSEMBLAGES OF THE NITROGEN CYCLING BACTERIA AS A POSSIBLE INDICATOR OF THE ORNITHOGENIC IMPACT
11:00– 11:20	<u>P.A. Kovalenko</u> , O.O. Iarovy, V.A. Gorobchyshyn, I.Yu. Parnikoza, I.A. Kozeretska INFLUENCE OF ORNITHOGENIC ENVIRONMENTAL LOAD ON THE NUMBER DENSITY OF ANTARCTIC INVERTEBRATES
11:20– 11:40	<u>N. Miryuta</u> , M. Savenets, L. Pysarenko, G. Myryuta, O. Poronnik, I. Parnikoza CONTRIBUTION OF THE UNITED TEMPERATURE FACTORS INFLUENCE INDICES ON PLANTS TO UNITED QUALITY LATENT INDICES (UQLI) OF PLANTS ADAPTABILITY FOR DESCHAMPZIA ANTARCTICA É DESV. DURING FOUR SEASONS
11:40– 12:00	Coffee break (11:40–12:00)
12:00 12:20	<u>I.I. Roman</u> , I. Parnikoza, O.M. Gromyko ANTIMICROBIAL POTENTIAL OF RHIZOSPHERIC ACTINOMYCETOTA ISOLATS FROM THE CENTRAL MARITIME ANTARCTIC
12:20– 12:40	<u>S. Y. Komplikevych</u> , O. D. Maslovska, S. O. Hnatush ADAPTATIONS OF ANTARCTIC BACTERIA PAENIBACILLUS TUNDRAE IMB B-7915 TO THE INFLUENCE OF COPPER (II) CHLORIDE
12:40– 13:00	<u>N.G. Raksha</u> , S.A. Shchypanskyi, T.M. Maievska, O.M. Savchuk EFFECT OF COLLAGEN PEPTIDES FROM THE HYDROBIONT DIPLULMARIS ANTARCTICA ON OBESITY DEVELOPMENT
13:00– 13:20	<u>D.G. Lutsenko</u> , O.V. Shylo, K.M. Danylenko, N.P. Babii, I.V. Deyneka, A.V. Khytryi, O.L. Lutsenko FEATURES OF SLEEP IN WINTERERS AT THE ANTARCTIC STATION
13:20 13:40	Poster's presentation and Discussion
13:20– 13:30	<u>Olga Iungin</u> , Yevheniia Prekrasna-Kviatkovska, Olena Moshynets, Marina Sidorenko, Oleksandr Kalinichenko, Saulius Mickevicius

	BIOFILM PRODUCTION BY ENDOPHYTIC BACTERIA ISOLATED FROM EXTREME ENVIRONMENTS
13:30– 13:40	Roman Ivannikov, <u>Oksana Poronnik</u> , Ivan Parnikoza, Iryna Laguta, Viktor Anishchenko, Pavlo Kuzema, Oksana Stavinskaya, Ganna Myryuta, Anatoliy Balanda, Viktor Kunakh PRIMARY SCREENING OF BIOACTIVE COMPOUNDS FROM PLANTS OF TWO SPECIES OF THE GENUS DESCHAMPSIA

Each presentation: 15 min talk, 5 min questions. Shortening of presentation is welcome.