

Seventh annual workshop

“Threespine stickleback as a key component of the White Sea ecosystem”

Working languages: English and Russian

6-7 March 2020, Department of Ichthyology and Hydrobiology, St. Petersburg State University, 16th Line, 29, V.O., Hydrobiological Museum

Agenda (preliminary)

(only names of presenters but no other co-authors are provided for shortness)

6 March, Friday

10.00-11.30. Dmitry Lajus (St. Petersburg University, SPbSU). Project "Threespine stickleback as a key species of the White Sea ecosystem": Opening of the meeting and review of project results

11.30-12.00. Coffee break

12.00-12.30. Ulrika Candolin (University of Helsinki, Finland). The threespine stickleback as a mediator of human-induced disturbances in the Baltic Sea.

12.30-13.00. Alberto Barausse (University of Padova, Italy). Population dynamics modeling of low trophic level fish (by Skype, unfortunately).

13.00-13.30. Uliana Simakova (Institute of Oceanology RAN, Moscow). *Zostera marina* L. in Russian Arctic: distribution and dynamic.

13.30-14.30 – Lunch

14.30-15.00. Anna Demchuk (SPbSU). Feeding of stickleback in the open waters and first results on stable isotopes technique.

15.00-15.30. Ksenia Smirnova (SPbSU). Feeding of coastal fish in Gulf of Finland.

15.30-16.00. Anastasia Zelenskaya (Bakhvalova) (SPbSU). The dynamics of lipids and some fatty acids in the muscles of the White Sea threespine stickleback during short-term starvation and under different feeding regimes.

16.00-16.30. – Coffee break

16.30-18.00. Pavel Glazkov (freelancer). Demonstration of movie on the project and discussion

18.00. Symposium dinner

7 March, Saturday

11.00-11.30. Evgeny Genelt-Ianovsky (Zoological Institute RAN). If it looks like a stickleback and swims like a stickleback, then it probably is a stickleback. Using time-lapse footage for the reconstruction of dynamics and behavior of *Gasterosteus aculeatus* at spawning sites in the Keret Archipelago, the White Sea

11.30-12.00. Dmitry Lajus (SPbSU). Experimental studies of stickleback behavior.

12.00-12.30. Tatiana Ivanova (SPBU). Age structure of stickleback population.

12.30-13.00 Coffee break

13.00-13.30. Pavel Golovin (SPbSU). Infestation of stickleback with *Cryptocotyle* sp.: temporal and spatial aspects.

13.30 – 14.00. Mikhail Ivanov (SPbSU). Studies of stickleback nests.

14.00 – 14.30. Ekaterina Kondakova (SPBSU). Some aspects of the normal embryonic development of threespine stickleback

14.30-15.30. Lunch

15.30-16.00. Sergey Poroshin (SPBGU). Stickleback microbiome

16.00-16.30. Ahmed Dorgham. Sexual dimorphism of morphological structures in stickleback

16.30-17.00. Ekaterina Nadtochii (SPbSU). Spatial and temporal heterogeneity of fish communities in the Kandalaksha Bay of the White Sea.

17.00-17.30 Coffee break

17.30-18.00. Dmitry Lajus (SPbSU), Mikhail Ivanov (SPbGU). Information about current projects of Russian Science Foundation and Russian Foundation of Basic Research.

18.00-19.30 Final discussion and closing