Thematic Section: Biochemical Research.		Full Paper
---	--	------------

Subsection: Bioorganic Composition of Algae.

Registration Code of Publication: 14-39-7-117

lication is available for discussion in the framework of the on-line Internet conference "Butlerov readings".

http://butlerov.com/readings/ (English Preprint)

Contributed: October 17, 2014.

Thematic direction: Bioglycans and lipids of microseaweed. Part I.

Extracellular bioglycans and intracellular lipids of green microalgae *Scotiellopsis terrestris* (Reisigl) Punč. et Kalina

© Anatoly A. Shubakov, 1** Elena N. Patova, 2* Nikolay V. Matistov, 3 Oksana V. Popeyko, 1 Vladimir V. Volodin, Elena A. Mikhailova, 1 and Dmitry V. Tarabukin 3

Department of Molecular Immunology and Biotechnology. Federal State Budgetary, Institute of Physiology, Komi Science Centre, The Urals Branch of the Russian Academy of Sciences. Pervomayskaya St., 50.
 Syktyvkar, 167982. Komi Republic. Russia. Phone: +7 (8212) 241-001. E-mail: shubakov@physiol.komisc.ru
 Laboratory of Geobotany and Comparative Floristic. Federal State Budgetary Institution of Science, Institute of Biology, Komi Science Centre, The Urals Branch of the Russian Academy of Sciences.
 Komunisticheskaya St., 28. Syktyvkar, 167982. Komi Republic. Russia.
 Laboratory Biochemistry and Biotechnology. Federal State Budgetary Institution of Science, Institute of Biology, Komi Science Centre, The Urals Branch of the Russian Academy of Sciences.
 Komunisticheskaya St., 28. Syktyvkar, 167982. Komi Republic. Russia

*Supervising author; *Corresponding author

Keywords: bioglycans, total lipids, fatty acids, green microalgae Scotiellopsis terrestris.

Abstract

For green microalgae *Scotiellopsis terrestris* given general chemical characteristics of bioglycans isolated from the culture liquid, as well as total lipids and fatty acids extracted from biomass.