Works of the Best Young Biologists, Winners of Lomonosov 2010 International Scientific Conference

G. V. Kochetova, D. D. Sokolov, and E. N. Temereva

DOI: 10.3103/S0096392511020143

The Lomonosov international scientific conference of students, postgraduates, and young scientists is one of the most large-scale youth scientific events held at Moscow State University (MSU). Since 1994, the biological department of MSU has supported the work of the Biology section within the conference. Over 17 years has passed since the first conference, and several thousands of talented students, postgraduates, and young specialists in different fields of biology have participated in the work of the Biology section. Together with the expansion of the conference in general, an increase in the number of sections and subsections presented in the program has occurred. Both the number of persons interested in participation in the conference and the number of selected participants has increased. In 2010, 275 students, postgraduates, and young scientists from Russia, Belarus, Ukraine, and Kazakhstan participated in the work of the Biology section. Interest in the conference among participants from MSU also remains high at all times.

Traditionally, the Biology section meetings are carried out in several subsections reflecting different tendencies of modern life science. In 2010, because of the eightieth anniversary of the biological department, in addition to subsection meetings, it was decided to conduct a plenary meeting where winners of all subsections spoke. Such a meeting allowed one to get an idea about the modern level of investigations conducted by young scientists from different organizations and about the breadth of the subject area of their scientific developments. We are very grateful to the *Moscow University Biological Sciences Bulletin* editorial board for the kind consent to publish articles written by the winners of subsections. In many cases, the scientific supervisor and colleagues of young scientists were coauthors of their articles. In the proposed selection, one can find 13 articles devoted to such different fields of biology as botany, zoology, mycology, neurophysiology and higher nervous activity physiology, biochemistry and molecular biology, anthropology, bioengineering, genetics, cytology, and microbiology.