- Kovalyov // Entomological Review. 2018. T. XCVII. Issue 1. P. 93–101. [in Russian].
- 5. Sautkin, F.V., Meleshko, J.Ye. First Records of the Weevil *Otiorhynchus smreczynskii* Cmoluch, 1968 (Coleoptera, Curculionidae: Entiminae) in the Republic of Belarus / F.V. Sautkin, J.Ye. Meleshko // Entomological Review. − 2016, Vol. 96. − №. 7. − P. 866–872.
- 6. Kulikova, E.A. About distribution of alien species of the genus *Otiorhynchus rotundus* Marseul, 1872 (Coleoptera, Curculionidae: Entiminae) in Vitebsk and its vicinities / E.A. Kulikova A.I. Solodovnikova // XIII Masherov readings: materials of the international scientific-practical conference of students, graduate students and young scientists, Vitebsk, October 18, 2019 / Vitebsk State Un-t; editorial: I.M. Prishchepa (Ch. Ed.) [etc.]. Vitebsk: VSU named after P.M. Masherova, 2019. P. 69–71.
- 7. Solodovnikov, I.A. New data about distribution of alien species of the genus of Otiorhynchus Germar, 1822 (Coleoptera, Curculionidae: Entiminae) in Republic of Belarus / I.A. Solodovnikov, E.A. Kulikova, E.V. Tatun // Current problems of protection of fauna in Belarus and adjacent regions: materials I of the International scientific and practical conference, Minsk, Belarus, on October 15-18, 2018 / edition call.: A.V. Kulak [etc.]. Minsk: GNPO "SPC NAS of Belarus on Bioresources", 2018. P. 359. [in Russian].

THE AFTER-EFFECTS OF THE DESTRUCTIVE HUMAN ACTIVITIES ON THE AMAZON RAINFOREST EXAMPLE

Elizabeth Yartseva

Polotsk college VSU named after P.M. Masherov, Polotsk, Belarus

The actuality of the work lies in the fact that in our wide and emerging world the population is increasing more and more rapidly and this aspect is connected directly with the topic of my research. Amazon rainforest is the most striking example of human actions being disastrous towards our planet. The link between the health of the Amazon and the health of the planet is obvious. The rain forests help stabilize local and global climate [1]. Deforestation may release significant amounts of this carbon, which could have catastrophic consequences around the world [3].

Nevertheless, the issue of my research concerns not only Amazon rainforest in particular, but also the ecological situation in the world in general.

The aim of the research is to show the impact of people's actions on our planet and raise awareness among human beings.

Material and methods. The Amazon rainforest also known in English as Amazonia or the Amazon Jungle is a moist broadleaf forest in the Amazon biome that covers most of the Amazon basin of South America. More than 30 million people, including 350 indigenous and ethnic groups, live in the Amazon and depend on nature for agriculture, clothing and traditional medicines [2].

The materials used during my research work are scientific magazines and books, such as "National Geographic", "BBC knowledge" and others. The

methods of the research are theoretical, historical, and empirical. The ways of the research: analysis, synthesis, analogy. The methods of my research are analysis, observations, surveys.

Findings and their discussion. During the work on this research, my main task was to raise awareness of ecological issues among as many people as possible and to find out their attitude towards such a problem. What's more, I firmly believe that youthful minds are easier to involve and they are more likely to keep their ears open. Therefore, that was the main reason for me to conduct an event dedicated to ecological issues with schoolchildren. I tried to keep this lesson non-trivial and creative in order those to stay excited on this topic. My aim was to attract children's attention and influence their opinion on what our actions are capable of. First, I told them about Amazon in general: introduced its biodiversity, peoples, and primary problems. The second part of the lesson was dedicated to conservation of the environment. We spoke about ways of overcoming climate change, deforestation, air pollution etc. I showed children the range of videos on the topic in order to hold their attention. They were very active, excited and participated with pleasure. Moreover, they have completed a few tasks concerning the ecology issue. At last, I believe to have put the right thoughts in their heads, and if these children thought before throwing trash where they step, my goals would have been achieved.

The topic of my research is «The after-effects of the destructive human activities on the Amazon rainforest example». I have created a questionnaire to study whether people are informed about such issue in general. The questionnaire was conducted in the internet(100), in instagram and among students and teachers of our college(66). In general, I asked 216 people, according to their answers I analyzed and summarized information.

The results of the internet survey have shown that the overwhelming majority of asked people know practically nothing of Amazon rainforest. Though, more than 80% are informed enough of ecological problems in the world. The third question shows us that only 6 people pollute the environment at the maximum levels. 91% of asked are ready to change their habits, and it is up to them.

The survey among the students and the teachers of our college has shown the following results: the average value to the question "How well are you aware of the Amazon rainforest?" is 2 among students and 1.6 among teachers. The awareness about ecological problems is on the level 3.8 among students and 3.2 among teachers. The students suppose they pollute the environment on the average of 2 points, teachers at 1.3. 97% of asked students are ready to change their habits in order to protect the environment, so as 99% of teachers.

The questionnaire in the Instagram has shown: the average point to the question "How well are you aware of the Amazon rainforest?" is 1.7, which is less of all. The awareness about ecological problems is on the level 3.4, which is not bad. My followers suppose they pollute the environment on the average of

2.2, and only 71% of them is ready to start changing their habits, whereas 29% do not.

Besides, the last question was "What ecological habits we can instill in younger generation?" The most spread answers were to throw trash in a bin, to give up using plastic bags and plastic in general, reuse, reduce and recycle.

Thus, summarizing the results of my poll. I came to conclusion that in general people are fully conversant with today's ecological issues and are ready to contribute in the solutions. I hope that after being a part of my questionnaire those people will think over their lifestyle and bring some positive changes.

We may think that we have nothing to do with the Amazon rainforest, but it is not only about deforestation and climate change, it is about us and what kind of humans we are. After all, we have no other planet to move.

Conclusion. Therefore, with the help of this work I tried to show the impact of people's actions and raise awareness among human beings. I hope the materials used have been helpful towards enlarging your knowledge about my topic.

We can win the biggest battles in the smallest moments. Whether it is making changes in your lifestyle or calling on world leaders to come together and act to protect nature, we all have a role to play in the fight for wildlife, people and our planet.

- 1. Climate Change. [Electronic resource] Mode of access: https://amazonaid.org/the-issues/climate-change/. Date of access: 12.02.2019
- 2. New Views on an Old Forest: Assessing the Longevity, Resilience and Future of the Amazon Rainforest / M. Maslin [et al.]; Wiley, 2005. Vol. 30, №4, 477-499p
- 3. Threats Facing the Amazon Rainforest. [Electronic resource] Mode of access: https://www.rainforestcruises.com/jungle-blog/threats-facing-the-amazon-rainforest. Date of access: 11.02.2019.

MORBIDITY ANALYSIS IN THE PATHOLOGY OF THE DIGESTIVE SYSTEM AMONG CHILDREN IN THE VITEBSK REGION

Maria Trofimova

VSU named after P.M. Masherov, Vitebsk, Belarus

Digestive system diseases represent a relevant medical and social problem worldwide. The lifestyle of modern people doesn't allow to pay due attention to balanced diet, which leads to the fact that diseases of the digestive system are consistently among the most common in the morbidity pattern. The lack of a proper comprehensive approach to prevention and treatment of gastrointestinal tract organs pathology often leads to the chronicity of the disease, its recurrent course, and the emergence of complications, which adds significance to the issue.