

Project name: AP14871055 "Representation of the concept "Tort tulik" in the Kazakh language cognition"

Relevance: The idea of the project is a comprehensive study of lexical units related to four types of domestic animals, preserved in the language and closely intertwined with the life of the people. Through the language units preserved on the basis of the Kazakh language, to reveal the national essence, to determine the necessary information for agriculture, life, etc. The need for this work is associated with the formation of forgotten and lost information based on language materials close in national essence and life of the Turkic peoples, including among the Kazakh people, as well as with the classification and display of linguistic information necessary for linguistics, agriculture, metrology and biotechnology. The implementation of the project makes it possible to systematize the names of four types of domestic animals, obtain completely new scientific results and use them not only in the language, but also in other areas of society.

Purpose: to determine the national identity based on the names of domestic animals in Kazakh folklore, etc. Comparing the linguistic data of the Turkic peoples, including the Kazakhs, diachronic and synchronous classification of information on the development of livestock breeding of nomadic peoples, the development of scientific justifications.

Expected and obtained results:

- **2022:** work will be carried out to collect and analyze lexical units by the names of four types of domestic animals from domestic libraries and archives. Articles will be published in the collection of conference materials, on the site "Atau.kz". Proverbs, taboos, euphemisms, which include the names of four types of domestic animals, will be studied, as a result, 1 article will be published in domestic publications recommended by peer-reviewed COXON. The results of the study will be published in the conference proceedings.

Results:

Names of domestic animals in sources such as proverbs, works of art, toponyms, etc. are considered as a system that provides forgotten information. The scientific and theoretical basis of the project was formed based on a review of the literature related to the study. According to the project plan, language units related to the names of domestic animals should be sorted and collected from domestic libraries and archives; Proverbs, taboos and euphemisms containing names of domestic animals were studied, as a result of which articles should be published in conference collections on the website "Atau.kz"; 1 article was published in the peer-reviewed domestic publication KKSNO MNVO RK.

As a result, 1 article was published in the peer-reviewed domestic publication of the KKSNO MNHE RK, 1 article in the collection of international scientific conferences, 1 article in the electronic bulletin "Onomastic Bulletin" on the website atay.kz, a total of 3 articles.

Project leader S.K., Imanberdieva and member of the research group G.Sh. Bekenov read a report on the topic "The concept of "Tort Tulik" in Turkic languages" to students of the International University of Kyrgyzstan, established contact with the Arabaev Linguistic University, and exchanged ideas with scientists.

- **2023:** From the libraries and archives of the cities of Astana and Shymkent, all scientific research on the ancient names of four types of domestic animals and biotoponyms will be collected, based on this, in-depth linguistic and historical studies will be carried out. The results of the study will be published in the proceedings of the scientific conference. 1 (one) article will be published in a peer-reviewed domestic publication COXON MES RK. The biotoponyms of Kazakhstan and their meaning will be determined, and on the basis of this, a regional illustrated guide "The impact of biotoponyms of Kazakhstan on industries" convenient for agricultural activities will be created.

Results:

Being a linguistic unit, the names of domestic animals were for the first time considered as a complex object of study at the intersection of biology, geography, history, meteorology, onomastics and lexicology. The meaning, etymology and scope of cognitive use of biotoponyms derived from the name of domestic animals are revealed. By studying "veiled" biotoponyms,

formed from the name of domestic animals, the cognitive function in the sphere of use, revealed the basic information contained in biotoponyms necessary in the development of agriculture.

As a result of the research, a Directory in pictures “Kazakhstan biotonym of derin salaga ykpaly” was created. An article was published in the peer-reviewed domestic publication of KKSNO MNVO RK “Paremiadagy tort tulik ataulary – Ultyk code”, where the national code is disclosed based on the name of domestic animals as part of the paremia, which provides information necessary in the development of agriculture.

In addition, members of the research group - Egenberdy M., Rainbekova S. made a report on the results of the project research to the master's students of the Nizami Tashkent State Pedagogical University and exchanged ideas. As a result, the article “Verbal biotonyms based on the names of domestic animals” was published in the peer-reviewed publication of the Scientific Committee of the Ministry of Education and Science of Uzbekistan.

The results of the study were also published in collections of scientific conferences organized by universities in Karakalpakstan and Kazakhstan. The materials necessary for the study were collected in the central library and central archive of Shymkent, Almaty.

- **2024:** The ethnolinguistic nature of the folk measurements preserved in paroemia by the names of four types of domestic animals will be revealed. 2 (two) articles will be published in a peer-reviewed domestic publication COXON MES RK. The results of the study will be published in the proceedings of the scientific conference. The meaning, etymology, from a cognitive point of view, the scope of the names of four types of domestic animals will be revealed, and the dictionary "Tort tulik ataulary" will also be developed. At least 1 (one) article or review will be published in a peer-reviewed scientific publication indexed in the Science Citation Index Expanded, Social Science Citation Index, Arts and Humanities Citation Index or Russian Science Citation Index of the Web of Science database, and (or) in a peer-reviewed scientific publications with a CiteScore percentile in the Scopus database of at least 35 (thirty-five). The monograph “Kazakh tildik tanymdagy “Tort tulik” conception orisi” will be published.

Study group members:

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Research team:

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- Seyitova Zhanat Adilbekovna, Master of Linguistics, teacher of the Kazakh Agrotechnical University. S. Seifullin.

Project Publications:

2022:

1 Bekenova G.B. Nominative aspect in onomastics // Bulletin of the Eurasian Humanitarian Institute. №3, 2022 16-25 pp.

2 Imanberdieva S.K. Biotonyms of the Karaganda region // Bulletin of Onomastics No. 2, 2022. 17-24 pp.

3 Bekenova G.Sh., Rainbekova G.S. Animation research on cattle breeding // "Mukhtar Auevov and civilization of the nation" materials of the international scientific-practical conference. – Semey, 2022 pp. 183-186

2023:

1 Imanberdieva S.K., Egenberdy M. Names of four foods in Paremia - national code // Bulletin of the Eurasian Humanitarian Institute. No. 3, 2023 pp. 16-25.

2 Imanberdieva S.K., Egenberdy M. Biotoponyms of verbs related to four types // Organized by Department of Philology and Journalism, Institute of Humanities and Social Sciences, Taraz Regional University named after M.Kh. Dulati Collection of materials of the international scientific conference "Independent Kazakhstan: language and onomastics" March 28, 2023. pp. - 33-37.

3 Imanberdieva S.K. Language teaching on the basis of biotoponyms related to four variables // Materials of the International Conference on Pedagogical Education "Quality of Pedagogical Education in Contemporary Challenges" IFTE 2023: Uzbekistan May 29-30, 2023. pp. -193-199.

4 Aitbaev D., Imanberdieva S.K., Egenberdy M. Verbal biotyponyms based on the names of pets // "Ta'lim va innovation research" international scientific and methodological journal №7/2023 IYUL-2. pp. -364-369.

5 Imanberdieva S.K., Egenberdy M. The social significance of biotoponyms in the Kazakh linguistic consciousness // Collection of materials of the 3rd International Symposium on Onomastics on the topic "Turkiy tillar historical onomastics research: achievements, problems and tasks" October 26-28, 2023. pp. -48-50.

6 Imanberdieva S.K. Importance of biotoponyms related to four species in the field of agriculture // Bulletin of Dulati University. No. 3, 2023. p. -13-29.

7 Imanberdieva S.K., Bekenova G.Sh., Egenberdy M.E., Rainbekova G.S., Seyitova Z.A. "Impact of biotoponyms of Kazakhstan on the field" pictorial handbook. "Focus" publishing house. - Astana, 2023. - 148 pages

8 Imanberdieva S.K. Influence of biotoponyms on ethnography // Materials of the international scientific-practical conference "Kusainov's readings "Science and education in the 21st century: trends and perspectives" December 8, 2023, pp. 257-261.