

Секция «Лингвистика: Современные лингвистические исследования: фонетика,
грамматика, лексика»

Prosodic structure in Yakut language

Научный руководитель – Philippe Martin Professor

Самсонова Анна Дмитриевна

Студент (магистр)

Северо-Восточный федеральный университет имени М. К. Аммосова, Институт
зарубежной филологии и регионоведения, Якутск, Россия

E-mail: ad.samsonova@mail.ru

Prosodic structure in Yakut language

Samonova Anna Dmitrievna

Master's student of languages and linguistics

North-Eastern Federal University in Yakutsk,

institute of foreign philology and regional studies, Yakutsk, Russia

This thesis describes an attempt to conduct the study of the Yakut prosodic structure and apply the model of the Functional-Cognitive approach, elaborated by Philippe Martin. This study is made possible by the speech analysis software, providing an advanced research instrument, but for our purposes, we would need just the basic tools, as the F0 imaging, annotation and time-measurement tools. A collection of utterances spoken by 4 speakers has been used as a corpus for investigation. The purpose of the studies has been to detect/identify the intonation patterns in the framework of the prosodic structure in Yakut language based on the intonation contours and the curves in the analyzed data. Intonation as a part of prosody is an important component in the speech interaction process [Ph. Martin, A. Colin Phonétique acoustique, 120].

Research questions:

1. Are there optimal prosodic structure models to account and eliminate misperceptions of other models?
2. Is an attempt of application of the western approaches to Yakut justified, concerning the difference in language systems?

Defining a system of prosody in Yakut seems to be vital, considering that we are trying to inherit the theoretical framework elaborated for the European languages, namely, Romance languages, concerning the theory of Martin.

The practical issue, concerning the technical part of the investigation, is relatively crucial. It is, whether the intonation patterns, observed for each speaker, differ from each other, and if so, which one is correct, or it should be normalized to the mean pattern. Considering the above stated issues and questions, the general research aim is to study the Yakut prosody and to test the applicability of the latest existing theory and prosodic structure model, developed by Philippe Martin. According to this aim the principal objectives of the thesis are:

1. Study and review the existing literature on theories and approaches to the prosodic structure;
2. Study and review the Yakut phonology and the literature on its prosody;
3. To conduct the analysis using the speech analysis software, which implies the processing of the input data, and the interpretation of the parameters defined by the program.
4. Present an objective interpretation of the results, provided by the program.

As this work is the initial attempt to present the patterns and prosody of Yakut in terms of the structural representation first, it needs to address the essential theory on prosodic structure, to detect and reason the theory of choice. It is mainly presented by the literature overview, of which, the first addresses the earlier fundamental works on the prosodic structure, and the second is the insight into the recent approach by Philippe Martin. The corpora, or the sets of speech recordings used in this thesis and the used tools will be covered. The results of the analysis, conducted will be discussed, leading to some typological considerations [Ph. Martin, A. Colin : Intonation du français, 96].

References:

Ph. Martin "Phonétique acoustique", A. Colin, Paris, 2013.

Ph. Martin "Intonation du français", A. Colin, Paris, 2014.