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## **REGULAR HISTORICAL CHANGES IN THE SEMANTIC AREA OF ‘ROTATION’: DIVERSIFICATION OF THE BOREAN ROOTS**

*Дослідження присвячено аналізу семантичної диверсифікації борецьких коренів, співвідносних з концептом ‘обертальний рух’. Попри непередбачуваність семантичного розподіблення архетипів, розвиток значень їхніх континуантів спрямований на деталізацію та розгортання фрейму ‘обертальний рух’.*

**Ключові слова:** *регулярні семантичні зміни, борецькі корені, семантична диверсифікація, позначення обертального руху.*

*This study intends to examine the directionality of semantic changes accompanying the diversification of the Borean etymons relating to the conceptual domain ‘rotation’. Despite unpredictability of semantic diversification in archetypes, some historical directionality can be traced alongside with the extension of the frame ‘rotation’.*

**Key words:** *regular semantic changes, Borean roots, semantic diversification, lexical representation of ‘rotation’.*

Recurrent patterns of semantic change (S. Ullmann) have always been an attractive issue for historians of language, comparative (M. Gell-Mann, M. Koptjevskaja-Tamm, V. Levitsky) and cognitive linguists (D. Geeraerts, P. Koch, E. Traugot). Regular semantic shifts do occur cross-linguistically and are associated with a wide range of conceptual domains expressed by lexemes of different status. At the same time, regularities in semantic change do not avoid deviations due to a set of factors. As is proved, sociohistorical and cultural influences are most significant for the development of lexicon [5]. Contact-induced situations may produce substantial innovations which root in a language [3], acquire historical stability and become linguistic carriers of cultural self-consciousness [1; 4]. In addition, cognitive factors necessarily intertwine with cultural preferences to cause dissimilarities in the world-view formation and historical changes relating to particular semantic areas [6].

In spite of that, some semantic areas demonstrate striking similarities in structure and lexicalization (A. Dybo, M. Koptjevskaja-Tamm, V. Krugluakova, I. Prokofjeva, E. Rahilina, G. Yavorska). Having discovered congruence of semantic maps in the

verbs of rotation in fifteen languages, lexical typologists [7] proved the existence of rich and poor lexico-semantic representations, found out about some specific and common strategies of 'rotation' encoding, and concluded about variability of parameters in this and other lexical zones [8]. With the results of recent researches that demonstrated genetic relatedness among geographically and culturally distant languages (G. Campbell-Dunn, C. Renfrew, S. Sratostin), it is worth looking into the lexico-semantic representation of 'rotation' and shifting from cognitive-cultural to cognitive-historical perspective.

This study intends to examine the directionality of semantic changes accompanying the diversification of the Borean etymons meaning 'rotate, roll, turn, etc.' Another objective is to see whether it is possible to establish any patterns in the semantic changes.

To do it, the etymological database [9], historical, bi- and monolingual dictionaries were used to compile a corpus of Borean roots relating to the semantic area of 'rotation'. The cognates derived from the etymons in question were interpreted by the comparative and cognitive analysis methods.

In what follows, we will briefly summarise the results of the study. As is evident from the Borean etymologies and other reconstructions, the concept of 'rotation' was poorly lexicalised in protolanguages. Not only is it due to the drawbacks of reconstructions, but to a high degree of generalisation and syncretism of stems in archaic languages. In most cases, although with exceptions, the sense 'rotation' was combined with 'plait, bend, twist, drill, pierce, etc.' and iconically encoded. Despite unpredictability of semantic diversification in archetypes, some historical directionality can be established alongside with the extension of the frame 'rotation'.

The findings of the study are also in accord with the "irradiation law", formulated by V. Luchyk [7, c. 36] about that in the historical development of languages, archaic features gradually become marginalised, and hence stay better preserved. It may only be added that such conserved features remain latent until particular conditions make them assessable and developed.

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