PHONATION TYPES AND MORPHO-PHONOLOGICAL STRUCTURE AS LINGUISTIC PREREQUISITES OF TONOGENESIS

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ABSTRACT

This paper provides a systematic account of tonogenesis. The emergence of tone is a process of pitch upgrading from an accompanying feature of phonation types to a distinctive feature. It involves three linguistic processes: Various phonation types, clear, breathy, falsetto, etc., which intrinsically induce pitch differences; sonorous mono-syllabic morpheme structure that enhances the pitch differences; and phonologization, which conceptualizes the enhanced pitch differences to a phonological category, tone. A flowchart is designed to show how the preconditions lead to different phono-morphological types of the world's languages and finally output tone, and its later development. Furthermore, the geographic distributions and ecological constraints of non-modal voices and tone are explored.

KEYWORDS

Tone Tonogenesis Tonotypology Tone evolution Phonation types Ecology

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发声态与音法形态结构作为声调发生的前提

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摘要

本文提供一个声调发生的系统解释。声调的产生是一个音高从发声态的伴随特征提升为区别特征的过程，其间涉及三个步骤：各种发声态如清冽声、气声、假声等，天然引发音高区别；高响度的单音节语素结构强化这一音高区别；然后是音法化，即将此强化了的音高区别概念化为一个音法范畴：声调。本文设计了一个流程图，显示这些前提条件是如何把世界语言引向不同的音法形态结构并最后产出声调，及其后续变化。本文还探讨了特殊发声态和声调的地理分布和生态条件。

关键词

声调 声调发生 声调类型 声调演化 发声态 生态