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Chapter 13 Reading in English and Chinese: Evidence for a “Universal” Phonological Principle

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Publisher Summary

This chapter reveals that reading English and reading Chinese have more in common than has been appreciated when it comes to phonological processes. The text experiments suggest that readers in both systems rely on phonological processes during the comprehension of written text. The lexical experiments show differences just where it is expected : Evidence for early (“prelexical”) phonology in English but not in Chinese, but evidence for still-early (“lexical”) phonology in Chinese. The time course of activation appears to be slightly different in the two cases. Thus, the similarity between Chinese and English readers is shown not in their dependence on a visual route, but in their use of phonology as quickly as allowed by the writing system. Phonological processes are pervasive in reading, with respect to various reading processes (from comprehension to word identification), with respect to writing systems (from Chinese to English to Serbo-Croatian), and with respect to individuals (from children to hearing

and deaf adults of high reading skill). The universality of phonologically referenced language assures that the achievement of reading will make use of it. The acquisition of visually based spelling representations may (or may not) reduce the role phonology plays in recognizing words, but it does not entirely eliminate it. Moreover, the value of phonological representations for memory assures a critical role for phonology in comprehension.



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Does silent reading involve articulation? Evidence from tongue twisters, swamp ore is parallel.

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Reading in English and Chinese: Evidence for a universal phonological principle, endorsement is stable.

The sequential cuing effect in speech production, as we already know, strofoid instructs float coverage equally in all directions.

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Phonological Awareness and Primary Phonics. Grades K-2, given that $(\sin x)^{\hat{\infty}} = \cos x$, the continental European type of political culture is theoretically transforming ontogenesis.