JOURNAL OF CHINESE LINGUISTICS

Monograph Series Number 26 (2016)

JOURNAL OF CHINESE LINGUISTICS MONOGRAPH SERIES (2016)

Monograph No. 1 (1982) by Namgui Chang

Phonological Variations in 15th Century Korean

Monograph No. 2 (1985) by Tsai-Fa Cheng

Ancient Chinese and Early Mandarin

Monograph No. 3 (1991) edited by W. S-Y. Wang

Languages and Dialects of China

Monograph No. 4 (1991) by W. South Coblin

Studies in Old Northwest Chinese

Monograph No. 5 (1992) by Ruofu Du et al

Chinese Surnames and the Genetic Difference between North and South China

Monograph No. 6 (1993) by Federico Masini

The Formation of Modern Chinese Lexicon and its Evolution toward a National Language: The Period from 1840 to 1898

Monograph No. 7 (1994) by W. South Coblin

A Compendium of Phonetics in Northwest Chinese

Monograph No. 8 (1995) edited by W. S-Y. Wang

The Ancestry of the Chinese Language

Monograph No. 9 (1996) edited by Chu-Ren Huang, Keh-jiann Chen, Benjamin K. T'sou

Readings in Chinese Natural Language Processing

Monograph No. 10 (1997) edited by Chaofen Sun

Studies on the History of Chinese Syntax

Monograph No. 11 (1997) by Zhongwei Shen

Exploring the Dynamic Aspect of Sound Change

Monograph No. 12 (1997) by Yongxian Luo

The Subgroup Structure of the Tai Languages: A Historical-Comparative Study

Monograph No. 13 (1999) edited by Ovid J. L. Tzeng

The Biological Bases of Language

Monograph No. 14 (1999) edited by Pang-Hsin Ting

Contemporary Studies on the Min Dialects

Monograph No. 15 (1999) edited by Richard VanNess Simmons

Issues in Chinese Dialect Description and Classification

Monograph No. 16 (2001) by Chung-Yu Chen

Tonal Evolution from Pre-Middle Chinese to Modern Pekinese

Monograph No. 17 (2001) edited by Hana Triskova

Tone, Stress and Rhythm in Spoken Chinese

Monograph No. 18 (2002) by CHEUNG Kwan-hin and Robert S. Bauer

The Representation of Cantonese with Chinese Characters

Monograph No. 19 (2003) edited by Adams B. Bodomo and LUKE Kang-Kwong

Lexical-Functional Grammar Analysis of Chinese

Monograph No. 20 (2003) edited by Sang-Oak Lee, Yung-Soo Kim and Ik-sang Eom

The Lexical Diffusion of Sound Change in Korean and Sino-Korean

Monograph No. 21 (2004) by Matthew Y Chen, YAN Xiuhong, L. H. Wee

Hakka Tone Sandhi: Corpus and Analytical Challenges

Monograph No. 22 (2007) by XU Hui Ling

Aspect[s] of Chaoshan Grammar: A Synchronic Description of the Jieyang Variety

Monograph No. 23 (2009) compiled by Yifeng Wu

Journal of Chinese Linguistics Cumulative Indexes and Abstracts: Journal Volumes 1-35 (1973~2007) &

Monograph Series Numbers (1982~2007)

Monograph No. 24 (2010) edited by H. Samuel Cheung and Song Hing Chang

Diachronic Change and Language Contact: Dialects of South East China / 历时演变与语言接触: 中国东南方言

Monograph No. 25 (2015) edited by Benjamin K. Tsou and Oi Yee Kwong

Linguistic Corpus and Corpus Linguistics in the Chinese Context

Monograph No. 26 (2016) edited by Ik-sang Eom and Zhang Weijia

Language Evolution and Changes in Chinese /语言演化与汉语变化

Monograph No. 1-22, 24-26: $\$52^+/\42^{++} for individuals; $\$70^+/\60^{++} for institutions; Monograph No. 23: $\$104^+/\84^{++} for individuals; $\$140^+/\120^{++} for institutions

⁺ For America, Europe, Australia, New Zealand, Japan, Africa and Middle East orders

++ For other areas orders

Air mail delivery is included

JOURNAL OF CHINESE LINGUISTICS

MONOGRAPH SERIES NUMBER 26

2016



Language Evolution and Changes in Chinese

语言演化与汉语变化



Language

Evolution and

Changes

Ħ.

Chinese

Edited by

Ik-sang Eom 严翼相 Zhang Weijia 张维佳

JOURNAL OF CHINESE LINGUISTICS

Editor William S-Y. Wang Hong Kong Polytechnic University Chinese University of Hong Kong University of California at Berkeley	王士元
Associate Editor Robert S. Bauer University of Hong Kong Hilary Chappell CRLAO, Paris Matthew Y. Chen University of California at San Diego Chin-Chuan Cheng Academia Sinica, Taipei Chu-Ren Huang Hong Kong Polytechnic University Academia Sinica, Taipei Jingxia Lin	包
Nanyang Technological University, Singapore Tsu-Lin Mei Cornell University, Ithaca Alain Peyraube CRLAO, Paris SHEN Jiaxuan Chinese Academy of Social Sciences, Beijing Zhongwei Shen University of Massachusetts at Amherst James H-Y. Tai National Chung Cheng University, Jiayi Ovid J. L. Tzeng Academia Sinica, Taipei WANG Feng Peking University	梅祖麟 贝罗家馆 沈钟伟 戴浩一 曾 汪 锋
Managing Editor Yifeng Wu Chinese University of Hong Kong	吴一丰

Subscription The *Journal of Chinese Linguistics* (JCL) is published twice a year in January and in June. The subscription rate is US\$52 / \$42 per volume for individuals and US\$70/ \$60 per volume for institutions. Please see details on the back inside cover. As for monograph orders, please see information on the back cover. Checks should be made payable to: *The Chinese University of Hong Kong*. Correspondence related to subscription issues should be addressed to: The Chinese University press, The Chinese University of Hong Kong, Shatin, New Territories, Hong Kong. **Tel**: (852)3943-9800; Fax: (852)2603-7355; **Email**: cup-bus@cuhk.edu.hk

Submission Authors who wish to submit papers to JCL should send two hard copies of the paper, including English and Chinese abstracts; a computer CD, prepared with the paper in both WORD file for WINDOWS and PDF file, should also be enclosed. Correspondence related to submission should be sent to JCL by mailing address: Journal of Chinese Linguistics, Joint Research Centre for Language and Human Complexity, RM 308, Tsang Shiu Tim Building, The Chinese University of Hong Kong, Shatin, New Territories, Hong Kong. JCL contact: Tel: (852)3943-1273; E-mail: jcl@arts.cuhk.edu.hk; JCL Website: http://www.cuhk.edu.hk/journal/jcl/

Language Evolution and Changes in Chinese /语言演化与汉语变化

Copyright © 2016 by The Journal of Chinese Linguistics. All rights reserved.

ISSN 2409-2878 Printed and distributed by The Chinese University Press of Hong Kong

The Chinese title on the cover was written by Zhongwei Shen with a background image of Da Yu Ding inscription; the image on the back cover was from a photo of 2222 Piedmont Ave., where the office of Project on Linguistic Analysis (POLA) and JCL were located on the campus of The University of California at Berkeley, USA, provided by The Institute of Linguistics, Academia Sinica. See also *POLA Forever*.

Journal of Chinese Linguistics (JCL) Price List

JCL SUBSCRIPTIONS	INDIVIDUALS	INSTITUTIONS
Volume 45 (2017), Nos. 1&2*	\$52 ⁺ /\$42 ⁺⁺	$\$70^{+}/\60^{++}
1 year subscription to JCL		

Back issues of JCL (as of June, 2016)

RATES**	INDIVIDUALS	INSTITUTIONS		
Vol. 1, No. 1 (1973) Vol. 44, No. 2 (2016)*				
Single issues (original print and reprint)	\$29 ⁺	\$38++		
** Vol.44, No.2 will be published in June 2016, subscription rate before July is				
$26^+/21^{++}$ for individuals and US $35^+/30^{++}$ for institutions.				

JCL MONOGRAPH SERIES (as of June, 2016)

Titles of monographs in stock are listed on the back cover of JCL			
RATES	INDIVIDUALS	INSTITUTIONS	
No. 1 (1982) – No. 22, 24-26 (2016)*	\$52+/\$42++	$\$70^{+}/\60^{++}	
No. 23 (2009)	\$104+/\$84++	\$140 ⁺ /\$120 ⁺⁺	

All payments payable to:

THE CHINESE UNIVERSITY OF HONG KONG

All payments sent to:

The Chinese University Press
The Chinese University of Hong Kong
Shatin, New Territories, Hong Kong

Phone: (852) 3943-9800 Fax: (852) 2603-7355

E-mail: cup-bus@cuhk.edu.hk

PREPAYMENT IS REQUIRED ON ALL PURCHASES

^{*} Air mail delivery is included.

⁺ Subscription rate is in US\$ for USA, Europe, Oceania, Africa, Middle East and Japan.

⁺⁺ Subscription rate is in US\$ for other areas.