

PHONOLOGY
PHONOLOGY
PHONOLOGY
PHONOLOGY

34

NUMBER 1

CAMBRIDGE
UNIVERSITY PRESS

PHONOLOGY

Editors

Colin Ewen (University of Leiden)
Ellen Kaisse (University of Washington)

Review editor

Andrew Nevins (University College London)

Associate editors

Bruce Hayes (University of California, Los Angeles)
Elizabeth Hume (University of Canterbury)
Larry Hyman (University of California, Berkeley)
William Idsardi (University of Maryland)
Yoonjung Kang (University of Toronto Scarborough)
D. Robert Ladd (University of Edinburgh)
Scott Myers (University of Texas at Austin)
Joe Pater (University of Massachusetts Amherst)
Keren Rice (University of Toronto)
Jennifer Smith (University of North Carolina at Chapel Hill)
Kie Zuraw (University of California, Los Angeles)

Editorial board

Adam Albright (Massachusetts Institute of Technology)
John Alderete (Simon Fraser University)
Diana Archangeli (University of Arizona)
Amalia Arvaniti (University of Kent)
Ellen Broselow (Stony Brook University)
Andries Coetzee (University of Michigan)
Laura Downing (Gothenburg University)
Gillian Gallagher (New York University)
Matthew Goldrick (Northwestern University)
Daniel Currie Hall (Saint Mary's University)
Pavel Iosad (University of Edinburgh)
Gaja Jarosz (University of Massachusetts Amherst)
Shigeto Kawahara (Keio University)
Elliott Moreton (University of North Carolina at Chapel Hill)
Marc van Oostendorp (Meertens Institute, Amsterdam)
Tobias Scheer (CNRS/University of Nice)

Members of the editorial board are appointed for terms of five years.

Subscriptions

Phonology (ISSN 0952–6757) is published three times a year, in May, August and December. The subscription price of Volume 34 (2017) for institutions, which includes print and electronic access, is £279.00 (US \$473.00 in the U.S.A., Canada and Mexico). The electronic-only price available to institutional subscribers is £228.00 (US \$383.00). The print-only price available to institutional subscribers is £252.00 (US \$426.00). The price to individuals ordering direct from the publishers and certifying that the journal is for their personal use is £39.00 (US \$60.00). This includes both a print subscription and online access.

Orders, which must be accompanied by payment, may be sent to a bookseller, subscription agent or direct to the publisher: Cambridge University Press, Journals Fulfillment Department, University Printing House, Shaftesbury Road, Cambridge CB2 8BS. Orders from the U.S.A., Canada and Mexico should be sent to: Cambridge University Press, Journals Fulfillment Department, 1 Liberty Plaza, Floor 20, New York, NY 10006, U.S.A. Japanese prices for institutions are available from Kinokuniya Company Ltd, P.O. Box 55,

Chitose, Tokyo 156, Japan. Periodicals postage paid at Cambridge University Press

PHONOLOGY

VOLUME 34 · NUMBER 1 · 2017

Edited by

Colin J. Ewen and Ellen M. Kaisse

CAMBRIDGE
UNIVERSITY PRESS

Published by the Press Syndicate of the University of Cambridge
The Pitt Building, Trumpington Street, Cambridge CB2 1RP, United Kingdom

CAMBRIDGE UNIVERSITY PRESS

University Printing House, Shaftesbury Road, Cambridge CB2 8BS

1 Liberty Plaza, Floor 20, New York, NY 10006, USA

477 Williamstown Road, Port Melbourne, VIC 3207, Australia

C/ Orense, 4, planta 13, 28020 Madrid, Spain

Dock House, The Waterfront, Cape Town 8001, South Africa

<http://www.cambridge.org>

© Cambridge University Press 2017

First published 2017

Printed in the United Kingdom by Bell & Bain Ltd., Glasgow.

ISSN 0952-6757

CONTENTS

- 1 The phonetic specification of contour tones: evidence from the Mandarin rising tone**
Edward Flemming (Massachusetts Institute of Technology) and Hyesun Cho (Dankook University)
- 41 Weight gradience and stress in Portuguese**
Guilherme D. Garcia (McGill University)
- 81 Templates as the interaction of recursive word structure and prosodic well-formedness**
Peter Ara Guekguezian (University of Southern California)
- 121 The phonologisation of redundancy: length and quality in Welsh vowels**
Pavel Iosad (University of Edinburgh)
- 163 Moro vowel harmony: implications for transparency and representations**
Amanda Ritchart and Sharon Rose (University of California, San Diego)
- REVIEW
- 201** Michele Loporcaro: *Vowel length from Latin to Romance*
Haike Jacobs (Radboud University Nijmegen)
- 209 List of contributors**