

PHONOLOGY  
PHONOLOGY  
PHONOLOGY  
PHONOLOGY

37

NUMBER 4

CAMBRIDGE  
UNIVERSITY PRESS

# PHONOLOGY

## *Editors*

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

## *Review editor*

Gillian Gallagher (New York University)

## *Associate editors*

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

## *Editorial board*

John Alderete (Simon Fraser University)  
Diana Archangeli (University of Arizona)  
Amalia Arvaniti (University of Kent)  
Ellen Broselow (Stony Brook University)  
Laura Downing (Gothenburg University)  
Gillian Gallagher (New York University)  
Matthew Goldrick (Northwestern University)  
Maria Gouskova (New York University)  
Daniel Currie Hall (Saint Mary's University)  
Gaja Jarosz (University of Massachusetts Amherst)  
Jongho Jun (Seoul National University)  
Shigeto Kawahara (Keio University)  
Elliott Moreton (University of North Carolina at Chapel Hill)  
Marc van Oostendorp (Meertens Institute, Amsterdam and Radboud University)  
Eva Zimmermann (University of Leipzig)

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

## **Subscriptions**

*Phonology* (ISSN 0952–6757) is published four times a year, in February, May, August and November. The subscription price of Volume 37 (2020) for institutions, which includes print and electronic access, is £333.00 (US \$559.00 in the U.S.A., Canada and Mexico). The electronic-only price available to institutional subscribers is £272.00 (US \$453.00). The print-only price available to institutional subscribers is £301.00 (US \$503.00). The price to individuals ordering direct from the publishers and certifying that the journal is for their personal use is £48.00 (US \$72.00). 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, One 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. Prices include delivery by air.

# PHONOLOGY

VOLUME 37 · NUMBER 4 · 2020

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

One 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 2021

First published 2021

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

ISSN 0952-6757

## CONTENTS

- 515 Estimating historical probabilities of natural and unnatural processes**  
Gašper Beguš (University of California, Berkeley)
- 551 Constraint cumulativity in phonotactics: evidence from artificial grammar learning studies**  
Canaan Breiss (University of California, Los Angeles)
- 577 Incorporating tone in the modelling of wordlikeness judgements**  
Youngah Do (University of Hong Kong) and Ryan Ka Yau Lai (University of California, Santa Barbara)
- 617 Level ordering and opacity in Tetsōt'iné: a Stratal OT account**  
Alessandro Jaker (University of Toronto) and Paul Kiparsky (Stanford University)
- 657 Weight and final vowels in the English stress system**  
Claire Moore-Cantwell (University of California, Los Angeles)
- 697 Coalescence as autosegmental spreading and delinking**  
Joanna Zaleska (Humboldt-Universität zu Berlin)