

PHONOLOGY
PHONOLOGY
PHONOLOGY
PHONOLOGY

31

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)
René Kager (University of Utrecht)
Yoonjung Kang (University of Toronto Scarborough)
D. Robert Ladd (University of Edinburgh)
Joe Pater (University of Massachusetts Amherst)
Keren Rice (University of Toronto)
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 (State University of New York at Stony Brook)
Andries Coetzee (University of Michigan)
Laura Downing (Gothenburg University)
Matthew Goldrick (Northwestern University)
Gregory Iverson (University of Wisconsin-Milwaukee)
Elliott Moreton (University of North Carolina at Chapel Hill)
Scott Myers (University of Texas at Austin)
Marc van Oostendorp (Meertens Institute, Amsterdam)
Tobias Scheer (CNRS/University of Nice)
Jennifer Smith (University of North Carolina at Chapel Hill)
Richard Wright (University of Washington)

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 31 (2014) for institutions, which includes print and electronic access, is £227.00 (US \$390.00 in the U.S.A., Canada and Mexico). The electronic-only price available to institutional subscribers is £186.00 (US \$316.00). The print-only price available to institutional subscribers is £206.00 (US \$352.00). The price to individuals ordering direct from the publishers and certifying that the journal is for their personal use is £33.00 (US \$51.00). 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, 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, 100 Brook Hill Drive, West Nyack, NY 10994-2133, 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. Orders may also be placed through the website:

<http://titles.cambridge.org/journals>.

PHONOLOGY

VOLUME 31 · NUMBER 1 · 2014

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
32 Avenue of the Americas, New York, NY 10013-2473, 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 2014

First published 2014

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

ISSN 0952-6757

CONTENTS

1 Clicks, concurrency and Khoisan

Julian Bradfield (University of Edinburgh)

51 Beyond the Iambic-Trochaic Law: the joint influence of duration and intensity on the perception of rhythmic speech

Megan J. Crowhurst (University of Texas at Austin) and Amador Teodocio Olivares (Center for the Study and Development of the Indigenous Languages of Oaxaca)

95 Pitch scaling and the internal structuring of the Intonation Phrase in French

Mariapaola D'Imperio (Aix Marseille University, CNRS, 13604 Aix-en-Provence and Institut Universitaire de France (IUF)) and Amandine Michelas (Aix Marseille University and CNRS, 13604 Aix-en-Provence)

123 Vowel insertion in Scottish Gaelic

Michael Hammond, Natasha Warner, Andréa Davis, Andrew Carnie, Diana Archangeli and Muriel Fisher (University of Arizona)

155 Learning in Harmonic Serialism and the necessity of a richer base

Anne-Michelle Tessier (University of Alberta) and Karen Jesney (University of Southern California)

179 List of contributors