

International Phonetic Association

General information

For general information on the International Phonetic Association contact:

Secretariat, International Phonetic Association
PVC (Arts, Education and Law)
Mt Gravatt campus
Griffith University
176 Messines Ridge Road
Mt Gravatt QLD 4122
Australia
Tel: +61 7 373 51798 Fax: +61 7 373 57848 E-mail: gerry.docherty@griffith.edu.au

IPA on the Web

The IPA also maintains a site on the World Wide Web which provides information on the International Phonetic Alphabet, on available phonetic fonts and sound recordings, on subscription to the Association, and on examinations in phonetics. It also has links to other sources of information on phonetics. The address is:

<https://www.internationalphoneticassociation.org/>

Audio files of the recorded material accompanying the language Illustrations in the *Handbook of the International Phonetic Association*, published by Cambridge University Press in 1999, may be downloaded from the following web site:

<https://www.internationalphoneticassociation.org/content/handbook-ipa>

Audio files of the recorded material accompanying language Illustrations published in the *Journal of the International Phonetic Association* since 1998 (after the publication of the *Handbook of the International Phonetic Association*) may be downloaded from the following privileged-access website available to registered members of the IPA:

<https://www.internationalphoneticassociation.org/content/sound-recordings>

Membership services and publications

The annual dues of the Association for current year are 45 euros for full membership and 22.50 euros for student membership. They should be paid to the Treasurer, International Phonetic Association, Research Department of Speech, Hearing and Phonetic Sciences, Chandler House, 2 Wakefield Street, London WC1N 1PF, UK. Life membership is obtainable by paying the equivalent of twenty years' annual dues, 900 euros. A membership application form is printed overleaf. Membership includes a subscription to the *Journal*. Payment can be made by credit card using the on-line facility at:

<https://www.internationalphoneticassociation.org/content/membership>

Members receive three numbers of the *Journal* each year. Back issues of the *Journal* for the years 1970–2000 are available. The prices per issue are (including postage & packaging; contact the Treasurer for the current rate in non-euro currencies):

IPA members:	15.00 euros
Non-members:	25.00 euros
Institutions:	47.50 euros

IPA members who wish to obtain back issues of *JIPA* from 2001 to the present can do so by contacting the Treasurer. Non-members may obtain back issues of *JIPA* from 2001 to the present directly from Cambridge University Press, by e-mailing journals@cambridge.org.

International Phonetic Association

Membership form

The subscription to the Association is 45 euros per annum (contact the Treasurer for the current rate in non-euro currencies). Payment can be made by credit card using the on-line facility at <https://www.internationalphoneticassociation.org/content/membership> or by faxing the form below. Alternatively, payment can be made by sterling cheque (see below). Life membership can be obtained by paying the equivalent of 20 years' annual subscription (900 euros). Student membership for one year is 22.50 euros when accompanied by a letter from the student's department certifying full-time student status. For an institution or library, subscriptions to *JIPA* are available through Cambridge University Press.

Member information

- Please enrol me as a member of the International Phonetic Association, and send me the *Journal* and other publications as they are issued. *Please type or use BLOCK CAPITALS.*

Title: Prof./Dr./Mr./Ms./Mrs./Miss

Surname: _____

Other names: _____

Postal address:

Institutional address (if different): _____

Telephone: _____

Fax: _____

E-mail address: _____

Nationality: _____

Profession: _____

University degrees or other distinction: _____

Signature: _____

Date: _____

Contact information will be published in JIPA unless you make a request to the contrary. Please indicate if you do NOT wish any of the following to be published.

DO NOT PUBLISH: E-mail Telephone Fax

Payment

- I have sent/will send my subscription using the on-line facility at <http://www.langsci.ucl.ac.uk/ipa/subs.html>.

or

- I enclose a sterling cheque, made payable to the International Phonetic Association. (Please contact the Treasurer for the current sterling rate.)

or

- Please charge my Access/Visa/Mastercard/Eurocard (circle as appropriate) with the sum of 45 euros*. (Post or fax this information.)

* If paying life or student membership, please adjust this value.

Card No: _____

Expiry date: _____

Signature: _____

Date: _____

Name and address as registered
with the credit card company:

Send this form to:

Dr Michael G. Ashby

Treasurer International Phonetic Association

Department of Speech Hearing and Phonetic Science

University College London

Chandler House

2 Wakefield Street

London WC1N 1PF, UK

English Language & Linguistics

Editors

Laurel J. Brinton, University of British Columbia, Vancouver, Canada
Patrick Honeybone, University of Edinburgh, UK
Bernd Kortmann, University of Freiburg, Germany

Founding Editors

Bas Aarts, University College London
David Denison, University of Manchester
Richard Hogg, University of Manchester, UK

English Language & Linguistics, published three times a year, is an international journal which focuses on the description of the English language within the framework of contemporary linguistics. The journal is concerned equally with the synchronic and the diachronic aspects of English language studies and publishes articles of the highest quality which make a substantial contribution to our understanding of the structure and development of the English language and which are informed by a knowledge and appreciation of linguistic theory. *English Language & Linguistics* carries articles and short discussion papers or squibs on all core aspects of English, from its beginnings to the present day, including syntax, morphology, phonology, semantics, pragmatics, corpus linguistics and lexis.

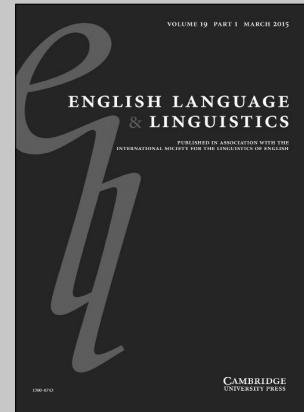
Price information

is available at: <http://journals.cambridge.org/ell>

Free email alerts

Keep up-to-date with new material – sign up at
<http://journals.cambridge.org/alerts>

For free online content visit:
<http://journals.cambridge.org/ell>



English Language & Linguistics is available online at:
<http://journals.cambridge.org/ell>

**To subscribe contact
Customer Services****in Cambridge:**

Phone +44 (0)1223 326070
Fax +44 (0)1223 325150
Email journals@cambridge.org

in New York:

Phone +1 (845) 353 7500
Fax +1 (845) 353 4141
Email
subscriptions_newyork@cambridge.org



CAMBRIDGE
UNIVERSITY PRESS

Journal of Child Language

Editors

Heike Behrens, University of Basel, Switzerland

Johanne Paradis, University of Alberta, Canada

A key publication in the field, *Journal of Child Language* publishes articles on all aspects of the scientific study of language development and behaviour in children, the principles which underlie it, and the theories which may account for it. The international range of authors and breadth of coverage allow the journal to forge links between many different areas of research including psychology, linguistics, cognitive science, speech pathology and anthropology. The interdisciplinary and crosslinguistic perspective spans a wide range of interests: phonology, phonetics, morphology, syntax, vocabulary, semantics, pragmatics, sociolinguistics and other recognised aspects of language study. In addition to articles and brief research reports, the journal also features occasional review articles plus invited commentaries.

Price information

is available at: <http://journals.cambridge.org/jcl>

Free email alerts

Keep up-to-date with new material – sign up at
<http://journals.cambridge.org/alerts>

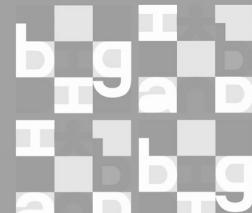
Journal of
**Child
Language**

ISSN 0305-0009

Volume 42

NUMBER 3

MAY 2015



CAMBRIDGE
UNIVERSITY PRESS

Journal of Child Language

is available online at:

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

To subscribe contact**Customer Services****Americas:**

Phone +1 (845) 353 7500

Fax +1 (845) 353 4141

Email

subscriptions_newyork@cambridge.org

Rest of world:

Phone +44 (0)1223 326070

Fax +44 (0)1223 325150

Email journals@cambridge.org

For free online content visit:
<http://journals.cambridge.org/jcl>



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

Journal of French Language Studies

Co-ordinating Editor

Julia Herschensohn, *University of Washington, USA*

Journal of French Language Studies, affiliated with the Association for French Language Studies, encourages and promotes theoretical, descriptive and applied studies of all aspects of the French language. The journal brings together research from the English - and French - speaking traditions, publishing significant work on French phonology, morphology, syntax, lexis and semantics, discourse-pragmatics, sociolinguistics and variation studies. Most work is synchronic in orientation, but historical and comparative items are also included. Studies of the acquisition of the French language, where these take due account of current theory in linguistics and applied linguistics, are also published.

Price information

is available at: <http://journals.cambridge.org/jfl>

Free email alerts

Keep up-to-date with new material – sign up at
<http://journals.cambridge.org/jfl-alerts>

For free online content visit:
<http://journals.cambridge.org/jfl>



Journal of French Language Studies

is available online at:

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

To subscribe contact Customer Services

in Cambridge:

Phone +44 (0)1223 326070

Fax +44 (0)1223 325150

Email journals@cambridge.org

in New York:

Phone +1 (845) 353 7500

Fax +1 (845) 353 4141

Email

subscriptions_newyork@cambridge.org



CAMBRIDGE
UNIVERSITY PRESS

Journal of Germanic Linguistics

Published for the Society for Germanic Linguistics (SGL) and the Forum for Germanic Language Studies (FGLS)

Editorial Committee Chair

Tracy Alan Hall, *Indiana University, USA*

The *Journal of Germanic Linguistics (JGL)* carries original articles, reviews, and notes on synchronic and diachronic issues pertaining to Germanic languages and dialects from the earliest phases to the present, including English (to 1500) and the extraterritorial varieties. Contributions are invited on the phonological, morphological, syntactic, and semantic analysis of these languages and dialects, as well as their historical development, both linguistic and textual. Especially welcome are contributions that address questions of interest to a broad range of scholars concerned with general issues in formal theory, sociolinguistics, and psycholinguistics.



Journal of Germanic Linguistics is available online at:
<http://journals.cambridge.org/jgl>

**To subscribe contact
Customer Services**

in Cambridge:
Phone +44 (0)1223 326070
Fax +44 (0)1223 325150
Email journals@cambridge.org

in New York:
Phone +1 (845) 353 7500
Fax +1 (845) 353 4141
Email
subscriptions_newyork@cambridge.org

Free email alerts

Keep up-to-date with new material – sign up at
journals.cambridge.org/register

For free online content visit:
<http://journals.cambridge.org/jgl>

 **CAMBRIDGE**
UNIVERSITY PRESS

INSTRUCTIONS FOR CONTRIBUTORS

Editorial policy The *Journal of the International Phonetic Association* is concerned with all aspects of the theory, description, and use of phonetics and phonology. Contributions are subject to review and to the Editors' final decision as to publication. The primary language of the *Journal* is English, though contributions in other languages of wide scholarly currency may be accepted. Contributions in English may use either British or American standard spelling and punctuation, consistently.

Submission of manuscripts Except for book reviews, all manuscripts should be submitted to Amalia Arvaniti, Editor of *JIPA* (a.arvaniti@kent.ac.uk). Initially, submissions should be in a form that can be conveniently read by Editors and reviewers, and tables and figures should be included in the same document as the text. Papers may be submitted in hard copy in triplicate, but electronically submitted PDF files, e-mailed as AuthorName.pdf attachments (e.g. Smith.pdf) or sent on disc, are preferable. An e-mail address is required for publication. Most standard word-processing formats (for either PC or Macintosh) are supported.

Books for review and manuscripts of book reviews should be sent to Linda Shockley, Reviews Editor (l.shockey@reading.ac.uk; Department of English Language and Literature (Applied Linguistics), University of Reading, P.O. Box 218, Reading, RG6 6AA, UK).

After a paper or a book review has been accepted for publication, authors must be prepared to submit it as specified below. If extensive re-formatting is necessary, the Editors reserve the right to refer the manuscript to the author for improvements. Authors are advised to consult recent *JIPA* articles for illustration of the required style. Phonetic transcriptions should make use of the symbols and conventions of the Association's alphabet in its latest revision. Throughout the entire manuscript/all the files, text should use 12 pt Times/Times Roman font and, for IPA transcriptions, a Unicode-compliant IPA serif font that includes all symbols required (e.g. Doulos SIL, Charis, LaserIPA Unicode). Fonts that are not Unicode-compliant (e.g. IPAKiel) should not be used. Use the special IPA font even for ordinary letter-like IPA symbols in strings where at least one symbol is drawn from the special IPA font set. This applies to all the symbols, including slants and square brackets if they enclose a transcription string. Non-IPA text in tables and table and figure captions should be set in sans serif font – please follow the format in recent JIPA issues.

Please note that *JIPA* requires the phonetic symbol g to be g (i.e. Opentail G = IPA110, NOT Looptail G = IPA210), and the length mark to be (i.e. IPA503, NOT the 'colon' symbol).

The final version of all material accepted for publication, including final tables and graphics files, must be submitted in hard copy, accompanied by the electronic copy in identical DOC and PDF files. At present, *JIPA* cannot process LaTeX files.

Manuscript style Please consult the online version of Instructions for Contributors on the Journal's webpages, via <http://journals.cambridge.org/ipa>.

Recordings of data Contributions to Illustrations of the IPA should be accompanied at the time of submission to the Editor by high-quality recordings, preferably as WAV (.wav) files with at least a 22 kHz sampling rate, of all words and narrative text in the target language occurring anywhere in the Illustration. Further instructions on the form of Illustrations are available from the Editor.

Proofs and PDF files Authors (or their nominees) will be asked by e-mail to download proofs as PDF files. They will be asked to correct the proofs and send the corrections to the designated Editor and to the copy-editor, by e-mail, within three days of receipt. Upon publication, the corresponding author will be supplied, by post, with two hard copies of the journal issue in which the article is printed and, by e-mail, a PDF file of their contribution.

Journal of the International Phonetic Association

Volume 45 Number 3 December 2015

ARTICLES

- José I. Hualde, Christopher D. Eager & Marianna Nadeu**
Catalan voiced prepalatals: Effects of nonphonetic factors on phonetic variation? 243
- Evia Kainada & Angelos Lengeris**
Native language influences on the production of second-language prosody 269
- Rebecca Scarborough, Georgia Zellou, Armik Mirzayan & David S. Rood**
Phonetic and phonological patterns of nasality in Lakota vowels 289

REVIEWS

- Bryan Gick, Ian Wilson & Donald Derrick:** *Articulatory phonetics*
(Susanne Fuchs) 311
- Judy B. Gilbert:** *Clear speech: Pronunciation and listening comprehension in North American English*
(José Luis Poblete) 313
- Barry Heselwood:** *Phonetic transcription in theory and practice*
(David Deterding) 314
- Pamela Rogerson-Revell:** *English phonology and pronunciation teaching*
(Alice Henderson) 316
- Elizabeth C. Zsiga:** *The sounds of language: An introduction to phonetics and phonology*
(Bridget J. Smith) 319

ILLUSTRATIONS OF THE IPA

- Yiye Chen & Carlos Gussenhoven:** Shanghai Chinese 321
- Sylvia Moosmüller, Carolin Schmid & Julia Brandstätter:** Standard Austrian German 339
- Jonathan Richard Kasstan:** Lyonnais (Francoprovençal) 349

IPA NEWS

- Elections 2015 357
- Student awards for ICPHS 2015 358
- 18th International Congress of Phonetic Sciences 359
- IPA General Meeting 2015 360
- IPA Treasurer's report for 2011–2014 365
- Editorial report: *JIPA* 2011–2015 368
- IN MEMORIAM
- Max Mangold (1922–2015) 373

Cambridge Journals Online
For further information about this journal
please go to the journal website at:
journals.cambridge.org/ipa



MIX
Paper from
responsible sources
FSC® C007785

CAMBRIDGE
UNIVERSITY PRESS