THE STUDY OF LANGUAGE GEORGE YULE

THE STUDY OF LANGUAGE

This best-selling textbook provides an engaging and user-friendly introduction to the study of language. Assuming no prior knowledge of the subject, Yule presents information in bite-sized sections, clearly explaining the major concepts in linguistics through all the key elements of language. This sixth edition has been revised and updated throughout, with substantial changes to the chapters on phonetics, grammar and syntax, and eighty new study questions. To increase student engagement and to foster problem-solving and critical-thinking skills, the book includes twenty new tasks. An expanded and revised online study guide provides students with further resources, including answers and tutorials for all tasks, while encouraging lively and proactive learning. This is *the* most fundamental and easy-to-use introduction to the study of language.

GEORGE YULE has taught linguistics at the University of Edinburgh, the University of Hawai'i, the University of Minnesota and Louisiana State University.

"A genuinely introductory linguistics text, well suited for undergraduates who have little prior experience thinking descriptively about language. Yule's crisp and thought-provoking presentation of key issues works well for a wide range of students."

Elise Morse-Gagne, Tougaloo College

"*The Study of Language* is one of the most accessible and entertaining introductions to linguistics available. Newly updated with a wealth of material for practice and discussion, it will continue to inspire new generations of students."

Stephen Matthews, University of Hong Kong

"Its strength is in providing a general survey of mainstream linguistics in palatable, easily manageable and logically organized chunks. The chapter divisions allow for considerable flexibility, which has proved particularly important after recently restructuring our courses and reorganizing the order in which to cover the topics."

Nigel Musk, University of Linköping

"Perfect for the beginners' level introductory linguistics course, both in style and content."

Hugh Buckingham, Professor of Linguistics, Louisiana State University

"Very clear and easy to read for beginners; user-friendly and non-threatening ...; chapters are in absorbable bite-size chunks."

Jean Aitchison, Professor of Language and Communication, University of Oxford

"An impressive breadth of coverage ... clear presentation, lucid style and accessibility ... a solid foundation for further study in linguistics as well as being a pleasure to read in its own right."

Alan Smith, Web Journal of Modern Language Linguistics

"Comprehensive, concise and compelling, this updated and highly accessible textbook is the obvious choice for the beginner language student."

Torill Hestetræet, University of Bergen

"This textbook is an excellent overview of the central topics in linguistics and how linguists study language."

Daniel W. Hieber, Rosetta Stone, *eLanguage.net*

"... provides a clear and concise introduction to linguistics suitable for beginners."

Dr. Jeffrey Gil, Flinders University, Adelaide, Australia

THE STUDY OF LANGUAGE Sixth Edition

George Yule





University Printing House, Cambridge CB2 8BS, United Kingdom

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9781316606759

First and second editions © Cambridge University Press 1985, 1996 Third, fourth and fifth editions © George Yule 2006, 2010, 2014 Sixth edition © George Yule 2017

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 1985 Second edition 1996 Third edition 2006 Fourth edition 2010 Fifth edition 2014 Sixth edition 2017

Printed in the United Kingdom by Clays, St Ives plc

A catalogue record for this publication is available from the British Library

Library of Congress Cataloguing in Publication data

Yule, George, 1947– author.

The study of language / George Yule.

Sixth edition. | Cambridge, UK : Cambridge University Press,

2016. | Previous ed.: 2014. LCCN 2016010371 | ISBN 9781107152991 (hardback) LCSH: Language and languages. | Linguistics. LCC P107 .Y85 2016 | DDC 401–dc23 LC record available at https://lccn.loc.gov/2016010371 ISBN 978-1-10715299-1 Hardback

ISBN 978-1-31660675-9 Paperback

Additional resources for this publication at <u>www.cambridge.org/yule6</u>

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication, and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.

Every effort has been made to secure necessary permissions to reproduce copyright material in this work, though in some cases it has proved impossible to trace copyright holders. If any omissions are brought to our notice, we will be happy to include appropriate acknowledgements on reprinting, or in any subsequent edition.

Contents

Preface

1 The Origins of Language The Divine Source The Natural Sound Source The "Bow-Wow" Theory The "Pooh-Pooh" Theory The Social Interaction Source **The Physical Adaptation Source Teeth and Lips** Mouth and Tongue Larynx and Pharynx **The Tool-Making Source** The Human Brain The Genetic Source The Innateness Hypothesis **Study Questions Tasks Discussion Topics/Projects Further Reading**

2 Animals and Human Language Communication Properties of Human Language Displacement

Arbitrariness Cultural Transmission Productivity Duality Talking to Animals Chimpanzees and Language Washoe Sarah and Lana The Controversy Kanzi **Using Language Study Questions Tasks Discussion Topics/Projects Further Reading** <u>**3**</u> The Sounds of Language

Phonetics
Consonants
Voiced and Voiceless Sounds
Place of Articulation
Familiar Symbols
Unfamiliar Symbols
Transcribing Sounds (Not Letters)
Manner of Articulation
A Consonant Chart
Glottal Stops and Flaps
Vowels
Diphthongs

American and British Diphthongs Subtle Individual Variation **Study Questions Tasks Discussion Topics/Projects Further Reading** 4 The Sound Patterns of Language **Phonology Phonemes Natural Classes Phones and Allophones Complementary Distribution Minimal Pairs and Sets Phonotactics Syllables Consonant Clusters Coarticulation Effects** Assimilation Nasalization Elision Normal Speech **Study Questions Tasks**

Discussion Topics/Projects

Bob Belviso Translated

Further Reading

5 Word Formation

Neologisms Etymology Borrowing Loan-Translation Compounding **Blending** Clipping **Hypocorisms Backformation** Conversion **Coinage Acronyms** Derivation **Prefixes and Suffixes** Infixes **Multiple Processes Study Questions** Tasks **Discussion Topics/Projects Further Reading** 6 Morphology **Morphology**

<u>Morphemes</u>

Free and Bound Morphemes

Lexical and Functional Morphemes

Derivational Morphemes

Inflectional Morphemes

Morphological Description

Morphs, Allomorphs and Special Cases Other Languages Kanuri Ganda Ilocano Tagalog Study Questions Tasks Discussion Topics/Projects Further Reading

7 Grammar **English Grammar Traditional Grammar** The Parts of Speech Agreement Grammatical Gender **Traditional Analysis** The Prescriptive Approach Captain Kirk's Infinitive The Descriptive Approach **Structural Analysis Constituent Analysis** Subjects and Objects Word Order Language Typology Why Study Grammar? **Study Questions** Tasks

Discussion Topics/Projects Further Reading

8 Syntax

Syntactic RulesA Generative GrammarDeep and Surface StructureStructural AmbiguitySyntactic AnalysisPhrase Structure RulesLexical RulesTree DiagramsTree Diagrams of English SentencesJust Scratching The SurfaceStudy QuestionsTasksDiscussion Topics/ProjectsFurther Reading

9 Semantics

Meaning Semantic Features Words as Containers of Meaning Semantic Roles Agent and Theme Instrument and Experiencer Location, Source and Goal Lexical relations Synonymy AntonymyHyponymyPrototypesHomophones and HomonymsPolysemyWord PlayWord PlayMetonymyCollocationStudy QuestionsTasksDiscussion Topics/ProjectsFurther Reading

10 Pragmatics

Invisible Meaning

<u>Context</u>

Deixis

Reference

Inference

<u>Anaphora</u>

<u>Presupposition</u>

Pragmatic Markers

<u>Politeness</u>

Negative and Positive Face

Speech Acts

Direct and Indirect Speech Acts

Study Questions

<u>Tasks</u>

Discussion Topics/Projects

Further Reading

11 Discourse Analysis

<u>Discourse</u>

Interpreting Discourse

<u>Cohesion</u>

Coherence

Conversation analysis

Turn-Taking

Pauses and Filled Pauses

Adjacency Pairs

Insertion Sequences

The Co-operative Principle

<u>Hedges</u>

Implicatures

Background Knowledge

Schemas and Scripts

Study Questions

<u>Tasks</u>

Discussion Topics/Projects

Further Reading

12 Language and the Brain
<u>Neurolinguistics</u>
<u>Language Areas in the Brain</u>
<u>Broca's Area</u>
<u>Wernicke's Area</u>
<u>The Motor Cortex and the Arcuate Fasciculus</u>
<u>The Localization View</u>

Tongue Tips and Slips The Tip of the Tongue Phenomenon **Slips of the Tongue Slips of the Brain** Slips of the Ear **Aphasia** Broca's Aphasia Wernicke's Aphasia **Conduction** Aphasia **Dichotic Listening** Left Brain, Right Brain The Critical Period Genie **Study Questions** Tasks **Discussion Topics/Projects Further Reading** 13 First Language Acquisition Acquisition **Input Caregiver Speech** The Acquisition Schedule Cooing **Babbling** The One-Word Stage The Two-Word Stage **Telegraphic Speech**

The Acquisition Process

Learning through Imitation? Learning through Correction? **Developing Morphology Developing Syntax Forming Questions Forming Negatives Developing Semantics** Later Developments **Study Questions** Tasks **Discussion Topics/Projects Further Reading** 14 Second Language Acquisition/Learning Second Language Learning Acquisition and Learning **Acquisition Barriers**

The Age Factor

Affective Factors

Focus on Teaching Method

The Grammar–Translation Method

The Audiolingual Method

Communicative Approaches

Focus on the Learner

<u>Transfer</u>

Interlanguage

<u>Motivation</u>

Input and Output

Task-Based Learning

Communicative Competence

Study Questions

<u>Tasks</u>

Discussion Topics/Projects

Further Reading

15 Gestures and Sign Languages

Gestures

Iconics

Deictics

Beats

Types of Sign Languages

<u>Oralism</u>

Signed English

Origins of ASL

The Structure of Signs

Shape and Orientation

Location

Movement

Primes

Facial Expressions and Finger-Spelling

Representing Signs

The Meaning of Signs

ASL as a Natural Language

Study Questions

<u>Tasks</u>

Discussion Topics/Projects

Further Reading

16 Written Language

Writing

Pictograms

Ideograms

Logograms

Phonographic Writing

The Rebus Principle

Syllabic Writing

Alphabetic Writing

Written English

English Orthography

Study Questions

<u>Tasks</u>

Discussion Topics/Projects

Further Reading

17 Language History and Change Family Trees

Indo-European

<u>Cognates</u>

Comparative Reconstruction

Comparing Cognates

Sound Reconstruction

Word Reconstruction

The History of English

Old English

Middle English

Sound Changes

Metathesis Epenthesis Prothesis Syntactic Changes Loss of Inflections Semantic Changes Broadening of Meaning Narrowing of Meaning Diachronic and Synchronic Variation Study Questions Tasks Discussion Topics/Projects Further Reading

18 Regional Variation in Language
The Standard Language
Accent and Dialect
Variation in Grammar
Dialectology
Regional Dialects
Isoglosses
Dialect Boundaries
The Dialect Continuum
Bilingualism
Diglossia
Language Planning
Pidgins
Creoles
The Post-Creole Continuum

<u>Study Questions</u> <u>Tasks</u> <u>Discussion Topics/Projects</u> <u>Further Reading</u>

19 Social Variation in Language **Sociolinguistics Social Dialects Education and Occupation Social Markers** Speech Style and Style-Shifting **Prestige** Speech Accommodation **Convergence Divergence Register Jargon** Slang Taboo Terms African American English Vernacular Language The Sounds of a Vernacular The Grammar of a Vernacular **Study Questions** Tasks **Discussion Topics/Projects Further Reading**

20 Language and Culture

Culture Categories Kinship Terms Time Concepts **Linguistic Relativity** The Sapir–Whorf Hypothesis Against the Sapir–Whorf Hypothesis **Snow Non-lexicalized Categories Cognitive Categories** Classifiers **Social Categories** Address Terms Gender **Gendered Words Gendered Structures Gendered Speech** Same-Gender Talk **Gendered** Interaction **Study Questions Tasks Discussion Topics/Projects Further Reading** <u>Glossary</u> <u>References</u> *Index*

Preface

In This New Edition

Thanks to a comprehensive survey of instructors familiar with earlier editions, I received a lot of good advice and suggestions for improvements to this new edition. As a result, a number of revisions have been made to the internal organization of all chapters, with more than thirty new figures and tables. There are also substantial revisions in <u>Chapters 3</u> (Phonetics), 7 (Grammar) and <u>8</u> (Syntax), plus additional material on adjacency pairs, brain development, coherence, complementary distribution, diphthongs, emotional deixis, human breathing while speaking, insertion sequences, language typology, morpheme acquisition, pragmatic markers, referential meaning, slips of the tongue, stone tool use, subjects, objects and word order. I hope these revisions and additions will make the book more informative, easier to read and overall more user-friendly.

In addition, there are eighty new study questions and twenty new tasks. The majority of the tasks are data-based and designed to foster analytic, problemsolving and critical-thinking skills. There are new examples from languages as diverse as Bislama, Cree, Lolovoli, Japanese, Malagasy, Manambu and Rotokas. Additional topics explored in the study of English include adjacency pairs, American versus British spelling, auxiliary movement, children's slips, English as a lingua franca, genitives, lenition, long and short vowels, mateship, morphophonology, prepositions and semantic roles, and the trochaic stress pattern. An expanded and revised Study Guide providing answers and tutorials for all the tasks can be found on the book's website <u>www.cambridge.org/yule6</u>.

To the Student

In *The Study of Language*, I have tried to present a comprehensive survey of what is known about language and also of the methods used by linguists in arriving at that knowledge. There continue to be interesting developments in the study of language, but it is still the case that any mature speaker of a language has a more comprehensive "unconscious" knowledge of how language works than any linguist has yet been able to describe. Consequently, as you read each of the following chapters, take a critical view of the effectiveness of the descriptions, the analyses and the generalizations by measuring them against your own intuitions about how your language works. By the end of the book, you should feel that you do know quite a lot about both the internal structure of language (its form) and the varied uses of language in human life (its function), and also that you are ready to ask more of the kinds of questions that professional linguists ask when they conduct their research.

At the end of each chapter, there is a section where you can test and apply what you have learned. This section contains:

- **Study questions** that you can use to check if you have understood some of the main points and important terms introduced during that chapter
- **Tasks** that extend the topics covered in the chapter, mostly through exercises in data analysis, with examples from English and a wide range of other languages
- **Discussion topics/projects** that offer opportunities to consider some of the more general, sometimes controversial, language-related topics and to

develop your own opinions on issues involving language

• **Further reading** suggestions provided to help you find more detailed treatments of all the topics covered in that chapter

The origins of this book can be traced to introductory courses on language taught at the University of Edinburgh, the University of Minnesota and Louisiana State University, and to the suggestions and criticisms of hundreds of students who forced me to present what I had to say in a way they could understand. An early version of the written material was developed for Independent Study students at the University of Minnesota. Later versions have had the benefit of expert advice from a lot of teachers working with diverse groups in different situations. I am particularly indebted to Professor Hugh Buckingham, Louisiana State University, for sharing his expertise and enthusiasm over many years as a colleague and friend.

For feedback and advice in the preparation of recent editions of the book, I would like to thank Jean Aitchison (University of Oxford), Linda Blanton (University of New Orleans), Karen Currie (Federal University of Espíritu Santo), Mary Anna Dimitrakopoulos (Indiana University, South Bend), Thomas Field (University of Maryland, Baltimore), Anthony Fox (University of Leeds), Agustinus Gianto (Pontifical Biblical Institute), Gordon Gibson (University of Paisley), Katinka Hammerich (University of Hawai'i), Raymond Hickey (Essen University), Richard Hirsch (Linköping University), Fiona Joseph (University of Wolverhampton), Eliza Kitis (Aristotle University), Mairead MacLeod, Terrie Mathis (California State University, Northridge), Megan Melançon (Georgia College), Stephen Matthews (University of Hong Kong), Robyn Najar (Flinders University), Eric Nelson (University of Minnesota), Jens Reinke (Christian Albrechts Universität zu Kiel), Philip Riley (Université de Nancy 2), Rick Santos (Fresno City College), Joanne Scheibman (Old Dominion University),