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Quantification, Definiteness, and Nominalization

Edited by
ANASTASIA GIANNAKIDOU
and
MONIKA RATHERT
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General Preface

The theoretical focus of this series is on the interfaces between subcomponents of the human grammatical system and the closely related area of the interfaces between the different subdisciplines of linguistics. The notion of ‘interface’ has become central in grammatical theory (for instance, in Chomsky’s recent Minimalist Program) and in linguistic practice: work on the interfaces between syntax and semantics, syntax and morphology, phonology and phonetics, etc. has led to a deeper understanding of particular linguistic phenomena and of the architecture of the linguistic component of the mind/brain.

The series covers interfaces between core components of grammar, including syntax/morphology, syntax/semantics, syntax/phonology, syntax/pragmatics, morphology/phonology, phonology/phonetics, phonetics/speech processing, semantics/pragmatics, intonation/discourse structure as well as issues in the way that the systems of grammar involving these interface areas are acquired and deployed in use (including language acquisition, language dysfunction, and language processing). It demonstrates, we hope, that proper understandings of particular linguistic phenomena, languages, language groups, or inter-language variations all require reference to interfaces.

The series is open to work by linguists of all theoretical persuasions and schools of thought. A main requirement is that authors should write so as to be understood by colleagues in related subfields of linguistics and by scholars in cognate disciplines.

David Adger
Hagit Borer
Preface

The chapters in this volume are updated versions of talks that were presented at the workshop QP structure, Nominalizations, and the role of DP that we organized at Saarland University, Germany, in December 2005. Although the connection between QP structure and definiteness, on the one hand, and nominalizations and definiteness, on the other, were long observed in the literature, there has never been an attempt to bring the three together, and our aim at the workshop was to do exactly this: to address recent developments in the area of quantifier phrase structure, nominalizations, and the linking definite determiner D. We invited discussions among the central approaches in syntax, morphology, semantics, and typology, paving the way towards a more comprehensive understanding of how quantification, definiteness, and nominalizations are encoded in the grammar.

The result was a lively and engaging workshop, with papers addressing the core issues that we wanted to tackle, including the role of number, partitivity, determinerless QPs, animacy, variation in nominalization, and the relation between syntax and semantics. The theoretical discussions were framed in a cross-paradigm and cross-linguistic perspective, and a significant number of (partially understudied) languages were explored, including Native American languages (e.g. Salish), Basque, Hebrew, Chinese, Japanese, Korean, alongside English, Greek, and other more familiar European languages.

The contributions in this volume are at the interfaces between syntax–morphology, syntax–semantics, and morphology–semantics, and many of the novel and challenging ideas presented here come precisely because of exploring questions posed at the interfaces. In addition, different theoretical paradigms are represented – from Optimality Theory to Distributed Morphology, and model theoretic semantics. Given the breadth of empirical coverage and expertise, we expect this volume to be useful to linguists working in the areas of quantification, nominalization, and (in)definiteness, and, given the broad domain of discussion, it should be equally valuable to syntacticians, semanticists, and morphologists as well as general linguists interested in the large number of cross-linguistic data discussed. The volume can also be used for graduate and undergraduate level teaching, though those who will maximally benefit from its discussions will be researchers at the graduate level with some familiarity with the issues discussed.
Preface

It was an enormous pleasure for both of us to prepare this volume. We wish to thank the institutions that provided financial and structural support for our workshop: the Deutsche Forschungsgemeinschaft (DFG, GZ 4851/179/05) for the grant, the Department of Computational Linguistics and Phonetics, Saarland University, in particular Manfred Pinkal and his group, for their kind hospitality at the newly built Centre for Language Research and Technology where the workshop took place.

We would also like to thank our authors for their contributions, as well as for responding promptly to all our requests. We have learned a lot from reading their chapters and from working with them through the various drafts. Many thanks also to the anonymous reviewers from Oxford University Press for their insightful feedback and encouragement, as well as to Hagit Borer and David Adger for including this volume in the series Oxford Studies in Theoretical Linguistics.

Finally, we would like to thank John Davey and Chloe Plummer for their valuable editorial assistance and guidance. John’s positive energy and good humour, especially, have been instrumental in keeping us on track, and made the editing of this book a much more exciting project than it could have otherwise been.

Anastasia Giannakidou and Monika Rathert
Chicago/Frankfurt a.M., February 2008
Notes on the Contributors

Artemis Alexiadou’s research interests lie in theoretical and comparative syntax, with special focus on the interfaces between syntax and morphology and syntax and the lexicon. Her books include Adverb Placement (Benjamins, 1997), Functional Structure in Nominals (Benjamins, 2001), Noun Phrase in the Generative Perspective, co-authored with Liliane Haegeman and Melita Stavrou (Mouton de Gruyter, 2007), and the Unaccusativity Puzzle, co-edited with Elena Anagnostopoulou and Martin Everaert (Oxford University Press, 2004). She is currently working on various projects including the form and the interpretation of nominals, adjectival modification, verbal alternations, and the role of non-active morphology.

Manfred Bierwisch is Professor for Theory of Grammar at the Humboldt-University Berlin. He studied German philology and philosophy in Leipzig, and has served as Fellow of the Center for Advanced Study in the Behavioral Sciences, Stanford, Vice-President of the Berlin-Brandenburg Academy of Sciences, the Institute for Advanced Study. Bierwisch has also been the Head of the Max-Planck Research Group ’Structural Grammar’ at the Humboldt-University Berlin (1992 to 1999). He is well known for his work in the fields of syntax and semantics, and has been one of the pioneers in introducing generative grammar in Germany.

Helen de Hoop (PhD Groningen, 1992) is Professor of Theoretical Linguistics at the Radboud University Nijmegen, the Netherlands. She has published (co-authored) articles in the journals Linguistics and Philosophy, Journal of Semantics, Language Acquisition, Linguistics, and Lingua. Together with Mengistu Amberber she has edited the volume Competition and Variation in Natural Languages: the Case for Case (Elsevier, Oxford, 2005) and, together with Peter de Swart, she has edited Differential Subject Marking (Springer, Dordrecht, 2008). With Petra Hendriks and Reinhard Blutner, she has written a book on Optimality Theory and interpretation (Optimal Communication, CSLI Publications, Stanford, 2006). In Nijmegen she is the principal investigator of several externally funded research projects, the topics of which vary from case and animacy to the behaviour of local pronouns in the languages of the world.

Henriëtte de Swart received her PhD in 1991 from Groningen University. After three years of teaching at Stanford University, she became full professor in French linguistics and semantics at Utrecht University in 1997. Her collaboration with Donka Farkas dates back to 2003, when they jointly published The Semantics of Incorporation: from Argument Structure to Discourse Transparency (CSLI Publications). She has also published articles in Journal of Semantics, Natural Language and Linguistic Theory, Linguistics and Philosophy, Lingua, Journal of Pragmatics.
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Donka F. Farkas is Professor of Linguistics at UCSC (University of California Santa Cruz). Before joining the department in 1991, she held teaching positions at Yale University and Penn State University. She has worked on the formal semantics of noun phrases, mood, and their interactions. Farkas and de Swart are the co-authors of ‘The Semantics of Incorporation’, a 2003 CSLI monograph.

Anastasia Giannakidou is Associate Professor of Linguistics at the University of Chicago. She has studied philosophy of language and linguistics, and is the author of many articles in natural language semantics and syntax on topics such as negative polarity, free choice, quantification, ellipsis, focus, tense, and mood. Her previous book Polarity Sensitivity as (Non)Veridical Dependency was published by John Benjamins in 1998.

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Lisa Lai-Shen Cheng is Chair Professor of Linguistics at Leiden University, the Netherlands. Her research has three main focuses: comparative syntax (comparing the structure of Chinese languages, as well as the structure of Bantu languages), syntax–semantics interface (bare nouns, quantifiers, free choice items), and syntax–phonology interface (mapping between syntactic and phonological structure in Bantu languages).

Luisa Martí was awarded her PhD in linguistics from the University of Connecticut, USA, in 2003. She is currently a postdoctoral research fellow at the Center for Advanced Study in Theoretical Linguistics at Universitetet i Tromsø, Norway, where she leads a project on the internal composition of indefinites in different languages. She has published several articles in semantics and its interfaces with other domains.

Lisa Matthewson is Associate Professor at the University of British Columbia. She has been conducting fieldwork on Stát’imcets (Lillooet Salish) since the early 1990s, and is primarily interested in the nature and extent of cross-linguistic variation in the semantics. Her research to date has focused on determiners, quantifiers, tense, aspect, modality, evidentiality, and presuppositions.
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Louise McNally is Professor of Linguistics at Universitat Pompeu Fabra, Barcelona. She has worked on various aspects of nominal and adjectival semantics, the compositional semantics of modifiers, and the semantics-pragmatics interface. She is the author of A Semantics for the English Existential Construction (Garland, 1997) and co-editor, with Christopher Kennedy, of Adjectives and Adverbs: Syntax, Semantics and Discourse (Oxford University Press, 2008).

Omer Premiger got his introduction to linguistics at Tel Aviv University, where he received his MA in linguistics in 2006 under the co-supervision of Tal Siloni and Tanya Reinhart. From there, he moved on to the PhD program in linguistics at MIT. In addition to work on argument structure and nominalizations, Omer has worked on long-distance wh-movement in Hebrew, and on long-distance agreement and clitic-doubling in Basque.

Monika Rathert is Assistant Professor at the Institute of Cognitive Linguistics, University of Frankfurt/Main. She studied German, English, and theoretical linguistics in Tübingen, and her research interests include morphosyntax (nominalizations, argumentlinking), semantics (tense, adverbs), and language and the law. Her PhD thesis Textures of Time was published in 2004 in the Studia Grammatica series of Akademie Publishers, Berlin.

Tom Roeper is Professor of Linguistics at the University of Massachusetts, Amherst. He has worked in the area of morphology seen as a part of syntax for thirty years, examining the role of syntactic operations in compounds, prefixation, middles, and implicit arguments. In addition, he has worked on theoretical and experimental approaches to the problem of language acquisition and is the author of The Prism of Grammar (MIT Press, 2007).

Tal Siloni (PhD Geneva, 1994) is Associate Professor in the Department of Linguistics at Tel Aviv University, Israel. Her major areas of research are theoretical syntax, syntax of Semitic and Romance languages, argument structure, and the theory of the lexicon. Her book Noun Phrases and Nominalizations was published by Kluwer Academic Publishers in 1997.
Abbreviations

A  adjective
a*  adjectivalizer
Acc  accusative
ACC-ing gerund  broadly verbal -ing form (i.e. its subject takes accusative case)
AdjP  adjective phrase
AdvP  adverb phrase
AgrO  agreement object phrase
AgrP  agreement phrase
AP  adjective phrase
AS  argument structure
Asp  aspect
AspP  aspect phrase
C  complement
CaseP  case phrase
Cat  categorization
Cl-Noun  classifier-noun phrase
CIP  classifier phrase
Conj  conjunction marker
CP  complementizer phrase
c-selection  categorial selection
D  definite determiner
D  Dutch
Dat  dative
Det  determiner
Dist  distributive
DistP  distributive phrase
DKP  Derived Kind Predication
DM  Distributed Morphology
DP  determiner phrase
DRS  Discourse Representation Structure
### Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>DRT</td>
<td>Discourse Representation Theory</td>
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<tr>
<td>E</td>
<td>English</td>
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<td>E</td>
<td>lexical entry</td>
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<td>EC</td>
<td>existential closure</td>
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<td>exceptional case marking</td>
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<td>Extended Projection Principle</td>
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<td>French</td>
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<td>Function Application</td>
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<td>faithfulness constraint on definiteness</td>
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<td>Faith Plurality</td>
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<td>free relative</td>
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<td>generic operator</td>
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<td>generalized quantifier</td>
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**Abbreviations**

n°  nominalizer
N(I)  neutral time interval
Nom  nominative
NP  noun phrase
NPI  negative polarity item
Num  number
NumP  number phrase
OF-ing  broadly nominal -ing form
OT  Optimality Theory
PF  phonetic form
PF  perfective
PL  plural
pl  plural
Pos  positive operator
Poss-ing gerund  its subject is a possessive (i.e. takes genitive case)
PP  prepositional phrase
Prt  particle
Q-Det  quantificational determiner
QP  quantifier phrase
QR  quantifier raising
R  referential argument
SF  semantic form
sg  singular
Spec  specifier
s-selection  semantic selection
TP  tense phrase
tr  transitive
V  verb
v°  verbalizer
VI  vocabulary items
VoiceP  voice phrase
Voice°  voice (active/passive)
VP  verb phrase
vP  verb phrase