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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

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### 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 syntaxmorphology, 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 emprical 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.

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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

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## Abbreviations

А	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
С	complement
CaseP	case phrase
Cat	categorization
Cl-Noun	classifer-noun phrase
ClP	classifier phrase
Conj	conjuction marker
СР	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

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DRT	Discourse Representation Theory
Е	English
E	lexical entry
EC	existential closure
ECM	exceptional case marking
EPP	Extended Projection Principle
ERG	ergative
Ev	event argument
F	French
FA	Function Application
FCI	free choice item
FDef	faithfulness constraint on definiteness
FI	full interpretation
f-morphemes	grammatical elements
FPl	Faith Plurality
Fr	free relative
Gen	generic operator
GF	grammatical form
GQ	generalized quantifier
Н	head
Н	Hungarian
indef	indefinite
Indp	indeterminate pronoun
inf	infinitive
intr	intransitive
IP	inflectional phrase
k	atomic kinds
K	derived kinds
L <sub>c</sub>	contextually given delineation interval
Lex-Syn	Lexicon-Syntax
LF	logical form
l-morphemes	roots
Ν	noun
n	noun

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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 - <i>ing</i> form
ОТ	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
$\mathbf{v}^{\circ}$	verbalizer
VI	vocabulary items
VoiceP	voice phrase
Voice°	voice (active/passive)
VP	verb phrase
vP	verb phrase

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