

Head-Driven Phrase Structure Grammar: The handbook

Edited by

Stefan Müller

Anne Abeillé

Robert D. Borsley

Jean-Pierre Koenig

Draft
of 18th January 2019, 13:09

Empirically Oriented Theoretical
Morphology and Syntax 99



Empirically Oriented Theoretical Morphology and Syntax

Chief Editor: Stefan Müller

Consulting Editors: Berthold Crysmann, Laura Kallmeyer

In this series:

1. Lichte, Timm. Syntax und Valenz: Zur Modellierung kohärenter und elliptischer Strukturen mit Baumadjunktionsgrammatiken
2. Bîlbîie, Gabriela. Grammaire des constructions elliptiques: Une étude comparative des phrases sans verbe en roumain et en français
3. Bower, Claire, Laurence Horn & Raffaella Zanuttini (eds.). On looking into words (and beyond): Structures, Relations, Analyses

ISSN: 2366-3529

Head-Driven Phrase Structure Grammar: The handbook

Edited by

Stefan Müller

Anne Abeillé

Robert D. Borsley

Jean-Pierre Koenig



Müller , Stefan, Anne Abeillé, Robert D. Borsley & Jean-Pierre Koenig (ed.). 2019.
Head-Driven Phrase Structure Grammar: The handbook (Empirically Oriented
Theoretical Morphology and Syntax 99). Berlin: Language Science Press.

This title can be downloaded at:

<http://langsci-press.org/catalog/book/000>

© 2019, the authors

Published under the Creative Commons Attribution 4.0 Licence (CC BY 4.0):

<http://creativecommons.org/licenses/by/4.0/> 

ISBN: no digital ISBN

no print ISBNs!

ISSN: 2366-3529

no DOI

ID not assigned!

Cover and concept of design: Ulrike Harbort

Fonts: Linux Libertine, Libertinus Math, Arimo, DejaVu Sans Mono

Typesetting software: Xe_{La}TeX

Language Science Press

Unter den Linden 6

10099 Berlin, Germany

langsci-press.org

Storage and cataloguing done by FU Berlin

Freie Universität



Berlin

Contents

Preface	v
Acknowledgments	vii
I Introduction	
1 Basic properties and elements Bob Borsley & Anne Abeillé	 3
2 The evolution of HPSG Dan Flickinger, Carl Pollard & Tom Wasow	 7
3 Formal Background Frank Richter	 45
4 The nature and role of the lexicon in HPSG Anthony Davis & Jean-Pierre Koenig	 47
5 Understudied languages Doug Ball & Aron Broadwell	 87
II Syntactic phenomena	
6 Agreement Stephen Wechsler	 91
7 Case Adam Przepiórkowski	 115
8 Nominal structures Frank Van Eynde	 145

Contents

9	Argument structure and linking	
	Stephen Wechsler, Jean-Pierre Koenig & Anthony Davis	147
10	Constituent order	
	Stefan Müller	189
11	Clitics	
	Berthold Crysmann & Gerald Penn	231
12	Complex predicates	
	Danièle Godard & Pollet Samvelian	233
13	Control and raising	
	Anne Abeillé	269
14	Unbounded dependencies	
	Bob Borsley & Berthold Crysmann	271
15	Relative clauses	
	Doug Arnold & Danièle Godard	273
16	Island phenomena and related matters	
	Rui Chaves	275
17	Coordination	
	Anne Abeillé & Rui Chaves	329
18	Idioms	
	Manfred Sailer	331
19	Negation	
	Jong-Bok Kim	363
20	Ellipsis	
	Joanna Nykiel & Jong-Bok Kim	399
21	Anaphoric Binding	
	António Branco	427

III Other levels of description

22 Phonology	
Jesse Tseng	475
23 Morphology	
Berthold Crysmann	479
24 Semantics	
Jean-Pierre Koenig & Frank Richter	481
25 Information structure	
Kordula de Kuthy	483

IV Other areas of linguistics

26 Diachronic syntax	
Ulrike Demske	513
27 Acquisition	
Jonathan Ginzburg	539
28 Processing	
Tom Wasow	541
29 Computational linguistics and grammar engineering	
Emily M. Bender & Guy Emerson	563
30 Grammar in dialogue	
Andy Lücking, Jonathan Ginzburg & Robin Cooper	585
31 Sign languages	
Markus Steinbach & Anke Holler	619
32 Gesture	
Andy Lücking	621

Contents

V The broader picture

33 HPSG and Minimalism	
Robert D. Borsley & Stefan Müller	651
34 HPSG and Categorical Grammar	
Yusuke Kubota	725
35 HPSG and Lexical Functional Grammar	
Doug Arnold	727
36 HPSG and Dependency Grammar	
Dick Hudson	729
37 HPSG and Construction Grammar	
Stefan Müller	733
Indexes	767

Preface

Acknowledgments

Part I

Introduction

