### Head-Driven Phrase Structure Grammar: The handbook

Edited by

Jean-Pierre Koeniganilary

**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. Bowern, 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: X¬IM¬X

Language Science Press Unter den Linden 6 10099 Berlin, Germany langsci-press.org

Storage and cataloguing done by FU Berlin



#### **Contents**

Preface		V
Ac	cknowledgments	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	<b>Acquisition</b> 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 Categorial Grammar Yusuke Kubota	725
35	HPSG and Lexical Functional Grammar Doug Arnold	773
36	HPSG and Dependency Grammar Dick Hudson	775
37	HPSG and Construction Grammar Stefan Müller	779
Ind	deves	<b>813</b>

#### **Preface**

#### Acknowledgments

## Part I Introduction