TABLE OF CONTENTS

ACKNOWLEDGEMENTS xi

Chapter 1: Modularity in Underlying Structure 1

1.1 Introduction 1
1.2 On Defining Grammatical Relations in a Modular Theory 7
1.3 What is a Lexical Entry? 9
1.3.1 Overview 9
1.3.2 The Semantic Portion of a Lexical Entry: Lexical Conceptual Structure and the Definition of Thematic Roles 9
1.3.3 The Syntactic Portion of the Lexical Entry: Predicate Argument Structure (The Theta Grid) 11
1.3.4 Summary 13
1.4 The Organization of Argument Structure: the Thematic Hierarchy 14
1.5 Case Theory and the Lexicon 16
1.6 S and S: Extended X-bar Theory and the Lexical Clause Hypothesis 17
1.7 Dominance, Precedence and Phrase Markers 18
Notes 24

Chapter 2: Syntactic Projection and Licensing 26

2.1 Preliminaries: Licensing, the UTAH, the Projection Principle and the Theta Criterion 26
2.2 X-bar Theory and the Projection of Heads 33
2.2.1 Introduction 33
2.2.2 Formal and Informal Versions of X-bar Theory 35
2.2.3 Against Intermediate Bar Levels 38
2.2.4 Project Alpha 43
2.2.5 Consequences of Project Alpha 46
2.2.5.1 Automatic Pruning 46
2.2.5.2 No Restriction on Number of Specifiers 47
2.2.5.3 Adjuncts and Adjunction Structures 48
2.2.5.4 On Small Clauses 54
2.2.6 Licensing Grammars are not Phrase Structure Grammars 56
2.3 Licensing Non-head Daughters: Thematic Grids and Thematic Relations 60
2.3.1 Grids and Grid Relations 60
2.3.2 Deriving the UTAH: Projection and the Thematic Hierarchy

2.3.2.1 D-Structure and the Thematic Hierarchy

2.3.2.2 On the Structure of VP

2.3.2.3 A Tentative LCS-Based Account of the Dative Alternation

2.3.3 Mapping from Argument Structure to D-Structure

2.3.4 Agentive Predicates and the Projection of Empty Verbal Heads

2.3.5 Cognitive Categories and Syntactic Categories

2.3.6 On the Notion 'External Argument'

2.3.6.1 Predication and Argument Prominence

2.3.6.2 How are External Arguments External?

2.3.6.3 On the Maximal Constituency of VP

2.4 Functional Categories and Licensing

2.5 Summary

Notes

Chapter 3: On Configurationality Parameters

3.1 Introduction

3.2 Parametric Variation in D-Structure Principles

3.3 What is a Nonconfigurational Language?

3.3.1 Subject/Object Asymmetries in English

3.3.1.1 Verb plus Object Act as a Surface Constituent

3.3.1.2 Asymmetric Influence on Thematic Role

3.3.1.3 Idioms

3.3.1.4 Some Verbs are Intransitive but all Verbs Take a Subject

3.3.1.5 Subject but not Object Position May Contain Null Pronominal

3.3.1.6 No Nominative Reflexive

3.3.1.7 The Binding Facts

3.3.1.8 Weak Crossover

3.3.1.9 ECP Facts

3.3.1.10 Incorporation

3.3.1.11 Summary

3.3.2 Variation in Underlying Structure and the Dual Representation Hypothesis

3.4 The Empirical Evidence for D-Structure Variation

3.4.1 The Structure of Japanese

3.4.1.1 Subject/Object Asymmetries in Japanese

3.4.1.2 Evidence for a Flat Structure in Japanese

3.4.2 The Structure of Malayalam

3.4.2.1 Subject/Object Asymmetries in Malayalam
TABLE OF CONTENTS

3.4.2.2 Evidence for a Flat Structure in Malayalam 152
3.4.3 The Structure of Warlpiri 159
3.4.3.1 Subject/Object Asymmetries in Warlpiri 160
3.4.3.2 Evidence for a Flat Structure in Warlpiri 162
3.4.3.3 An Analysis: Warlpiri KP Adjuncts as Modifiers 163
3.4.3.4 The Typological Position of Warlpiri 168
3.4.4 The Structure of Hungarian 173
3.4.4.1 Subject/Object Asymmetries in Hungarian 173
3.4.4.2 Evidence for a Flat Structure in Hungarian 184
3.4.5 The Structure of VSO Languages 190
3.4.5.1 Subject/Object Asymmetries in VSO Languages 191
3.4.5.2 Evidence for a Flat Structure in VSO Languages 192
3.5 Summary and Conclusions 195
Notes 198

Chapter 4: Projection, Pronouns, and Parsing in Navajo Syntax 202

4.1 Introduction 202
4.2 An Overview of Navajo Syntax and Morphology 203
4.2.1 The Syntax of Navajo 203
4.2.2 The Verbal Morphology of Navajo 205
4.2.3 Subject/Object Asymmetries in Navajo 209
4.3 Parsing, Null Arguments, and Grammatical Relations in Navajo 214
4.3.1 Grammatical Relations and Gaps in Simple Sentences 214
4.3.2 Platero's Principle for Interpretation of Grammatical Relations 216
4.3.3 Null Objects and Null Topics in Navajo 217
4.3.4 Navajo Relative Clauses and the Parallel Function Constraint 221
4.4 On Navajo Nominals as Adjuncts 237
4.5 Navajo Agreement and Incorporated Pronouns 240
4.5.1 Syntactic Accessibility of Morphemes and the Lexical Integrity Hypothesis 240
4.5.2 Navajo Pronominal Clitics as Infixes 247
4.5.3 Agreement vs. Incorporation: Navajo bi as Incorporated Pronoun 260
4.5.4 INFL in Navajo 275
4.6 Conclusion: Projection from the Lexicon in Navajo 280
Notes 281

Chapter 5: Concluding Remarks 286

REFERENCES 289

INDEX OF NAMES 299
INDEX OF SUBJECTS 303