

Contents

Acknowledgments — VII

Introduction — 1

The emphasis on formalizing lexical entries — 5

1 English modals and *be* are *not* irregular verbs — 8

- 1.1 English auxiliaries — 8
- 1.2 Diagnostics for the category verb — 9
 - 1.2.1 The place of verbs in clausal structure — 9
 - 1.2.2 The regularity of verbal inflections — 11
 - 1.2.3 The interpretive core of the category verb — 13
- 1.3 The nineteen non-verbal auxiliaries of English — 16
 - 1.3.1 Structural position of the category I — 17
 - 1.3.2 The large membership and types of features of V — 18
 - 1.3.2.1 VP is a sister to I — 18
 - 1.3.2.2 I is a head above VP — 19
 - 1.3.3 Meaning of the category I — 19
 - 1.3.4 The syntactic “NICE properties” of I — 21
- 1.4 Interactions between I and V — 23
 - 1.4.1 Affix Movement: The effects of Realis (I_0) on V — 24
 - 1.4.2 The finite copula — 28
 - 1.4.3 The pros of English *be*-raising — 30
 - 1.4.4 The cons of *be*-movement: finite copulas as Alternative Realizations — 33
- 1.5 The two truly verbal auxiliaries of English — 36
 - 1.5.1 Verbs in I as functional category heads — 37
 - 1.5.2 Bleached Nouns and Verbs as functional category heads — 38
 - 1.5.3 *Do*-support: A V in the position of I_0 — 40
- 1.6 Methodological conclusions and commentary — 42
 - 1.6.1 Generative conclusions on clausal structure — 42
 - 1.6.2 The myth of auxiliaries as verbs: The legacy of “parts of speech” — 43
 - 1.6.3 The perennial return to grammatical square 1 — 44

2 The single English Past morpheme *-ed* / *-en* — 46

- 2.1 The location of \pm PAST in English clause structure — 46
- 2.2 Unifying the past suffixes *-en* and *-ed* — 48

2.3	The canonical positions of verbal features in trees —	51
2.4	Selecting finite past forms (“second principal part”) of English verbs —	54
2.5	Selecting active past participles (“third principal part”) of English verbs —	57
2.6	How and why many English verbs continue to be irregular —	60
2.6.1	Lexical entries and structures for irregular verbs —	60
2.6.2	Contribution of irregular forms to syntactic Economy —	63
2.7	The unique auxiliary <i>have</i> with the participle —	67
2.7.1	The category of the Active Past Participle —	67
2.7.2	The English perfect auxiliary —	68
2.7.3	The contrast between the past and the present perfect —	71
2.7.4	Insertion contexts for <i>have</i> in I in current English: <i>Had better/ had best</i> —	74
2.7.5	Insertion contexts for <i>have</i> in I in current English: The collocation <i>have got</i> —	75
2.7.6	The factor predicting when <i>have</i> is in I and when it is in V —	77
3	Regular inflections and contractions: Limits on grammatical irregularity —	80
3.1	What is a “regular form”? —	80
3.1.1	Distributional limits on irregular inflections —	81
3.1.2	Local vs. regular inflections —	83
3.1.3	More regular and irregular inflections in Czech and French —	86
3.2	Semantic opacity in local inflections —	87
3.3	Contractions and clitics are fully regular inflections —	89
3.3.1	English contractions —	89
3.3.2	French verbal clitics —	92
3.3.3	Structurally prohibited irregular fusions —	94
3.4	A further restriction on irregular local inflection —	96
3.5	Dividing the English lexicon: Primary vs. secondary vocabulary —	97
3.5.1	Semantics and morphophonology of the primary vocabulary —	98
3.5.2	Irregular forms must be in the primary vocabulary —	99
3.6	The syntax of the primary vocabulary: “Phrasal verbs” —	102
3.7	The syntax of the primary vocabulary: Indirect objects without Ps —	108
3.8	The applicative inflection: A Nordic ghost in English grammar —	110
3.9	Conclusions about the divided lexicon —	114

4	Polyfunctional <i>-ing</i>: Can any other language match it? — 117
4.1	Morphosyntactic properties of English non-finite clauses — 117
4.2	Three structures for English semi-clauses — 119
4.2.1	Bare Infinitives as incomplete projections of V — 120
4.2.2	The external structure of <i>to</i> -infinitives — 121
4.2.3	The external structures of participles and gerunds — 124
4.2.4	English semi-clauses as Extended Projections — 127
4.3	What is this thing spelled <i>-ing</i> ? — 130
4.3.1	Lexical uses of <i>-ing</i> in derivational morphology — 130
4.3.2	Productive uses of <i>-ing</i> in derivational morphology — 132
4.3.3	Productive uses of <i>-ing</i> as inflectional morphology — 134
4.4	English active participles V+ <i>ing</i> : Their distribution and properties — 137
4.4.1	Where and why economy prefers participles — 137
4.4.2	Participial adjuncts and their infinitival overrides — 139
4.5	Subjects and the extended projection principle — 141
4.5.1	Structural subjects of semi clauses — 141
4.5.2	Internal subjects of gerunds — 144
4.5.3	Internal subjects of infinitives — 145
4.5.4	Status of the small clause hypothesis — 147
4.6	Theta relatedness and the anti-transitivity criterion — 148
4.6.1	Structural examples of anti-transitivity — 150
4.6.2	Larger structures required by anti-transitivity — 152
4.7	Conclusion: The role of participles and gerunds in grammar — 154
5	Gerunds vs. infinitives: Less alike than they look — 156
5.1	Differences between gerunds and infinitives — 157
5.1.1	The DP structure of gerunds — 158
5.1.2	The PP structure of infinitives — 160
5.1.3	The minimal VPs of control and raising — 161
5.2	Misleading similarities of gerunds and infinitives — 164
5.3	Contrasting distributions of gerunds and infinitives — 167
5.3.1	Gerunds are noun phrases — 167
5.3.2	Verbal clauses: Not in the DP subject position — 169
5.3.3	Initial verbal clauses as root constructions — 172
5.4	Gerund objects vs. verbal clause complements — 173
5.4.1	So-called subordinating conjunctions — 173
5.4.2	Verbal clauses can't precede indirect objects — 175
5.4.3	Why gerunds are ill-formed as possessives — 178

5.5	Independent diagnostics that only gerunds are DPs —	179
5.5.1	Coordination with lexical NPs —	179
5.5.2	Cleft focus position as a diagnostic for DP —	180
5.6	Expletive chains: Interpreting clauses as DP arguments —	182
5.7	Additional features in verbal clauses or gerunds —	187
5.7.1	When is case available to semi-clause complements? —	188
5.7.2	Features incompatible with selection of DP gerunds —	189
5.8	Semi-clause complements that are neither subjects nor objects —	194
5.9	Summary and implications —	199
6	English passive structures and the passive participle —	201
6.1	The analytic passives of English and their dethematized subjects —	201
6.1.1	Analytic and periphrastic characteristics of English passives —	201
6.1.2	Structural Subjects across categories —	204
6.1.3	Suppression of active subjects (= Dethematization) —	205
6.1.4	Excess predictive content of the definition of Subject —	207
6.2	The relation between English passives and transitive verbs —	208
6.3	Verbal vs. adjectival passives: distinct yet closely related —	212
6.3.1	An interpretive difference: Ongoing vs. completed activity —	213
6.3.2	Selection of <i>-en</i> by different classes of V —	215
6.3.3	Adjectival pre-modification in (only) adjectival passives —	216
6.3.4	Agent phrases in passives: Structurally obligatory vs. optional —	218
6.4	Only verbal passives exhibit the full internal structure of VPs —	221
6.4.1	Passive structures and case assignment —	222
6.4.2	Verb-object idioms limited to verbal passives —	224
6.5	English indirect passives —	225
6.5.1	Indirect passives are verbal passives —	228
6.5.2	Indirect passives are not “embedded direct passives” —	230
6.5.3	Indirect passives are not DP-internal reduced relatives —	231
6.5.4	Indirect passives are not direct passives inside small clauses —	232
6.5.5	Deriving verbal passives from AP structures —	234

6.6	Motivating the Syntacticon component —	235
6.6.1	The hallmark of closed class items: Unique syntactic behavior —	236
6.6.2	Morphemes uninterpreted at the LF or PF interfaces —	240
6.7	Explaining the scope and properties of verbal passives —	242

7 The empirical basis of theoretical advance — 244

7.1	The chapters on finite forms: Formalizing salient empirical differences —	244
7.2	The chapters on non-finite forms: Predicting their distributions —	247
7.3	Valedictory —	249

References — 253

Index of cited authors — 261

Index of definitions, principles, tables and trees — 263

Index of English lexical entries — 267