

TABLE OF CONTENTS

Introduction	9
I. Syntactic Tests	15
A. The Relative Pronoun Test	15
B. The <i>Use-With</i> Test	17
C. The One-Case ₁ -per-Simple-Predicate Test	23
D. The Conjunction Test	29
E. The Preposition Test	32
1. Introduction	32
2. The Preposition <i>with</i>	32
a. The Possessive <i>with</i>	32
b. The Objective <i>with</i>	39
(1) With Datives	40
(2) With Locatives	42
(3) With Comitatives	43
(4) With other cases	44
c. The Comitative <i>with</i>	46
d. The Proximity <i>with</i>	50
e. The Extent <i>with</i>	52
f. The Instrumental <i>with</i>	53
(1) The Tool <i>with</i>	53
(2) The Material <i>with</i>	55
(3) The Natural Force <i>with</i>	56
(4) The Body-Part <i>with</i>	57
g. The Manner <i>with</i>	58
h. The Associative <i>with</i>	62
3. The Preposition <i>by</i>	65
a. A Comparison of Agent and Instrumental Cases	65

TABLE OF CONTENTS

b. A Comparison of Locative, Time, and Instrumental Cases	66
c. A Comparison of Manner and Instrumental Cases	67
d. The Passive <i>by</i>	68
e. Summary of <i>by</i> Expressions	69
f. The Causal <i>by</i>	70
4. Associative and Causal Markers in Other Languages	71
5. The Prepositional Phrase Node	73
F. Syntactic Tests: Conclusion	80
II. Semantic Tests	87
A. Introduction	87
B. The Feature Intent	90
C. The Feature Cause	95
D. The Feature Control	103
E. The Feature Animate	112
F. The Feature Concrete	115
G. The Feature Count	118
H. The Feature Source	119
I. Semantic Tests: Conclusion	120
1. Matrix of Features and Cases	120
2. Advantages of Semantic Tests over Syntactic Tests	122
a. Universality of Semantic Features	122
b. Internal Consistency of Semantic Features	123
c. Subject Marking	129
d. Object Marking	133
e. Case Deletion	134
f. The Explanatory Adequacy of Semantic Features	135
(1) re: Subject Marking, Object Marking, and Case Deletion	135
(2) re: Passivization	142
(3) re: Case Frames	153
(a) The Material Case	155

TABLE OF CONTENTS

(b) The Force Case	156
(c) The Body-Part Case	157
(d) The Tool Case	163
i. with Verbs of Sound	163
ii. with Verbs of Location	164
iii. with Verbs of Motion	166
iv. with Verbs of Contact	167
v. with Verbs of Change of State	169
vi. with Verbs of Cause	171
(4) re: Eligibility of Lexical Items for Case Membership.	173
Conclusion.	175
Bibliography	176
Index	181