

CONTENTS

0.	Introduction	1
1.	Biology and the Theory of Cognition	5
1.1.	The Evolutionary Approach	5
1.2.	The World View of Man	9
2.	The Categories	16
2.1.	The Substantial Category of Entity	16
2.2.	The Accidental Categories	19
3.	Preliminaries of Semiotics	24
3.1.	Cognitive Structure and Sentence Structure	24
3.2.	No Generative Semantics	28
3.3.	The Central Role of the Lexicon	29
3.4.	"One-Place" Structures	30
3.5.	"Two-Place" Structures	32
3.6.	Semiotics in Current Grammatical Theory	35
4.	Semiotics	38
4.1.	Morphosyntactic Frames	38
4.1.1.	States, Aspects, Tenses, and Mood	40
4.1.2.	The Verbal Frame of German	53
4.1.3.	The Constituency of the Aspectual Domain	59
4.2.	Possession	71
4.3.	Position	75
4.4.	Species-Membership	82
5.	Reference	85
5.1.	Preliminary Reflections	85
5.2.	Two Reference Systems	90
5.3.	Some Semiotic Solutions to the Referential Problem	93
5.4.	Full-NP Reference	102
6.	Prototypes	108
6.1.	On the Limits of Cognition	108

6.2. Frameworks as Prototypes	114
6.3. Causative Constructions	123
Notes	130
Bibliography	137