

# Contents

Abbreviations	xiii
Notation	xv
1. Overview	1
2. A Typological Perspective on Indefinite Pronouns	7
2.1. Language Typology	7
2.2. Indefinite Pronouns: Definition and Delimitation of the Domain of Inquiry	9
2.2.1. Mixed functional–formal definitions	9
2.2.2. The formal criterion: ‘pronoun’	10
2.2.3. The functional criterion: ‘indefinite’	11
2.3. Earlier Work	13
2.4. The Language Samples	15
2.4.1. General problems of typological sampling	15
2.4.2. Selection of the samples for this study	16
2.4.3. The two samples	17
3. Formal and Functional Types of Indefinite Pronoun	21
3.1. The Main Formal Types of Indefinite Pronoun	21
3.1.1. Types of indefiniteness marker	21
3.1.2. The derivational bases of indefinite pronouns	26
3.1.3. The ontological categories	29
3.2. The Main Functional Types of Indefinite Pronoun	31
3.2.1. Negation: negative indefinite pronouns	31
3.2.2. Negative polarity (or scale reversal)	33
3.2.3. Specificity and non-specificity	37
3.2.4. Knowledge of the speaker	45
3.2.5. Free-choice indefinite pronouns	48
3.2.6. Summary: the main functional distinctions	52
3.3. Alternatives to Indefinite Pronouns	52
3.3.1. Generic nouns	52
3.3.2. Existential sentences	54
3.3.3. Non-specific free relative clauses	55
3.3.4. Universal quantifiers	55
3.3.5. Languages without indefinite pronouns	56

4.	An Implicational Map for Indefinite Pronoun Functions	58
4.1.	Multifunctionality	58
4.2.	The Semantic Map Methodology	59
4.2.1.	Indefiniteness markers as grammatical categories	59
4.2.2.	The use/function-based approach	60
4.2.3.	A geometric representation of implicational universals	62
4.3.	The Implicational Map	63
4.3.1.	English	64
4.3.2.	Russian	65
4.3.3.	Nanay	66
4.4.	The Distributional Schemas of 40 Languages	68
4.5.	Further Restrictions on Combinations of Functions	76
4.6.	Earlier Formulations of Typological Implications	77
4.7.	Some Finer Distinctions	79
4.7.1.	Comparatives	79
4.7.2.	Indirect negation	80
4.7.3.	Questions	81
4.7.4.	Expectations of the speaker	82
4.8.	Towards an Explanation of the Implicational Map	86
5.	Theoretical Approaches to the Functions of Indefinite Pronouns	87
5.1.	Structuralist Semantics	87
5.2.	Logical Semantics	90
5.2.1.	Free-choice indefinites and universal or existential quantifiers	90
5.2.2.	(Non-)specific indefinites and referential opacity	95
5.2.3.	Conclusion	98
5.3.	Syntactic Approaches	98
5.3.1.	Transformational approaches	98
5.3.2.	A binding approach	99
5.4.	Mental Spaces	106
5.4.1.	Introduction to the mental-space approach	106
5.4.2.	A definition of (non-)specificity	108
5.4.3.	Advantages of the mental-space approach	110
5.5.	Pragmatic Scales and Scale Reversal	111
5.5.1.	Pragmatic scales	111
5.5.2.	Scalar implicatures	111
5.5.3.	Scale reversal	113
5.5.4.	Negative-polarity items express the low point on a scale	115
5.5.5.	Free-choice indefinites express the low point on a scale	116
5.5.6.	Widening and strengthening	117
5.6.	Explaining the Implicational Map	119

5.7. Focusing and Sentence Accent	122
5.7.1. Sentence accent	123
5.7.2. Emphatic vs. non-emphatic indefinites	125
5.7.3. Further meaning differences associated with sentence accent	126
6. The Grammaticalization of Indefinite Pronouns	129
6.1. Diachronic Typology	129
6.2. Source Constructions for Indefiniteness Markers	130
6.2.1. The ‘dunno’ type	130
6.2.2. The ‘want/pleases’ type	133
6.2.3. The ‘it may be’ type	135
6.2.4. The ‘no matter’ type	140
6.3. Grammaticalization	141
6.3.1. Grammaticalization theory	141
6.3.2. Integrity	143
6.3.3. Scope	144
6.3.4. Paradigmaticity	146
6.3.5. Bondedness	146
6.3.6. Paradigmatic and syntagmatic variability	147
6.3.7. The explanatory power of grammaticalization	147
6.4. Desemanticization: The Semantic Side of Grammaticalization	148
6.4.1. Three competing theories of semantic grammaticalization	148
6.4.2. Extension from ‘free choice’	149
6.4.3. Semantic change as weakening	150
6.4.4. Extension from ‘dunno’	153
6.5. From Free-Choice Indefinite to Universal Quantifier	154
7. Further Sources of Indefinite Pronouns	157
7.1. Indefinite Pronouns Marked by Scalar Focus Particles	157
7.1.1. The facts	157
7.1.2. Two possible pathways	159
7.1.3. Towards an explanation	163
7.2. Indefinite Pronouns from ‘Or’?	164
7.3. Bare Interrogatives as Indefinites	170
7.3.1. Bare interrogatives and strategies for disambiguation	170
7.3.2. Bare interrogatives in Indo-European	171
7.3.3. Why are indefinites often identical to interrogatives?	174
7.3.4. The multiple partitive use of bare interrogatives	177
7.4. Indefinite Pronouns Derived by Reduplication	179
7.5. Some Further Diachronic Issues	182
7.5.1. Generic nouns turned pronouns	182
7.5.2. Indefinite pronouns from ‘one’	183

7.5.3. Borrowing of indefiniteness markers	184
7.5.4. Semantic enrichment by implicature: appreciative and deprecative meanings	186
<b>8. Negative Indefinite Pronouns</b>	<b>193</b>
<b>8.1. The Main Syntactic Types of Negative Indefinite</b>	<b>193</b>
8.1.1. The consensus: four types	193
8.1.2. Negative indefinites and elliptical contexts	194
8.1.3. 'Special indefinites'	199
<b>8.2. Negative Indefinites and Verbal Negation</b>	<b>200</b>
8.2.1. What counts as verbal negation	200
8.2.2. Main subtypes with respect to verbal negation	201
8.2.3. Type V-NI: No co-occurrence with verbal negation	203
8.2.4. Type (N)V-NI: variation in co-occurrence with verbal negation	210
8.2.5. Type NV-NI: Obligatory co-occurrence with verbal negation	214
8.2.6. Co-occurrence of several negative indefinites in one clause	218
<b>8.3. Diachronic Sources of Negative Indefinites</b>	<b>221</b>
8.3.1. Negative scalar focus particles	222
8.3.2. Minimal-unit and maximal-unit expressions	226
8.3.3. Summary of diachronic sources	229
8.3.4. From negative to non-negative indefinite?	230
<b>8.4. Concluding Remarks</b>	<b>233</b>
<b>9. Conclusions</b>	<b>235</b>
<b>9.1. Summary of the Results of This Work</b>	<b>235</b>
9.1.1. Typological generalizations about indefinite pronouns	235
9.1.2. Explanations of the generalizations	237
9.1.3. Remaining puzzles	238
<b>9.2. Wider Typological and Areal Connections</b>	<b>238</b>
9.2.1. Looking for typological correlations	238
9.2.2. Indefinite pronoun type and word order in the 100-language sample	239
9.2.3. Continent-sized areas of indefinite pronoun type	241
<b>Appendices</b>	
<b>A. The Data of the 40-Language Sample</b>	<b>244</b>
<b>B. The Data of the 100-Language Sample</b>	<b>318</b>
<b>References</b>	<b>334</b>
<b>Index of Languages</b>	<b>355</b>
<b>Index of Authors</b>	<b>358</b>
<b>Index of Subjects</b>	<b>362</b>