

Contents

Preface v

Introduction: About Coincidences, About This Book 1

Part I

Coincidences in the Hebrew Language: Messages of Design

Chapter 1	The Structure of the Hebrew Language	11
1.1	The Structure of a Hebrew Word (Biblical Only)	11
1.2	Letters and Their Meanings	13
1.3	Precision of Biblical Language	16
1.3.1	The Donkey (Ass) in the Bible	17
1.3.2	“Which God had created to do” (Gen. 2:3)	19
1.3.3	“Thou shalt not ... put a stumbling block before the blind” (Lev. 19:14)	20
1.3.4	“And Thou shalt not favor a poor man in his cause” (Exod. 23:3)	22
1.3.5	<i>Eda</i> and <i>Kehila</i>	23
1.3.6	Why Was the Earth Punished? (Gen. 3:17)	26
1.3.7	“Please be fruitful and multiply,” with Variations	27
1.3.8	Summary	28
1.4	Playing with Gematria: An Acceptable Practice (Not Here)	29

Chapter 2	Cases of Design in the Hebrew Language.....	31
2.1	Information in a Hebrew Word: Visible and Hidden.....	31
2.1.1	Designed Words with Visible Information (and Message).....	31
2.1.2	Designed Words with Hidden Information	39
2.1.3	Repeated Single Digit in the Value of a Hebrew Word	50
2.2	Information in Interrelated Hebrew Words, Visible and Hidden	51
2.2.1	Successive Generations in the Family and in a ... Tree.....	52
2.2.2	The Route of Water in Nature.....	54
2.2.3	Conclusions	56
2.3	Information in Unrelated Hebrew Words of a Common Root.....	56
2.4	Information in Hebrew Words Read in Reverse.....	59

Part II

Coincidences in the Hebrew Language: Hidden, Unexpected Information

Chapter 3	“Randomness” and “Cold”	65
3.1	Introduction.....	65
3.2	Two Concepts of Entropy	66
3.2.1	Information (Shannon Entropy)	66
3.2.2	Thermodynamics (Boltzmann Entropy).....	68
3.2.3	About the Equivalence of the Two Concepts of Entropy.....	70
3.2.4	Summary of Main Points	70
3.3	“Randomness” in Biblical Hebrew and in the Bible	71
3.4	“Randomness” and “Cold”	77
	Summary.....	78
Chapter 4	The Name of God (Jehovah).....	79
4.1	The Divine in Hebrew and in English.....	79
4.2	Jehovah and God: Analysis	81
4.3	Higher Dimensions in Modern Cosmologies.....	84
4.4	Summary of Main Points.....	89
Chapter 5	“Double” and a Message of Symmetry	90
5.1	Introduction.....	90
5.2	“Jerusalem”	91

5.3	“Sky”	91
5.3.1	Symmetries in Our Universe	91
5.3.2	The Hebrew Message of “Sky Symmetry”	94
5.4	Water	95
5.4.1	“Water” in Hebrew.....	95
5.4.2	Water Molecular Structure and History of Discovery	96
5.4.3	<i>Mayim</i> Summary.....	97
5.5	Life.....	97
Chapter 6	The Purpose of Life	100
6.1	The Letter <i>L</i>	100
6.2	“Work,” “Angle,” “Messenger”	103
6.2.1	<i>Melachah</i> (Work).....	103
6.2.2	<i>Malach</i> (Angel, Messenger).....	104
6.2.3	“Work,” “Angle,” “Messenger”: Integration	105
6.3	<i>L</i> , “Work,” “Angle,” “Messenger”: The Overall Message	106
Chapter 7	Unity, Unity, All Around.....	107
7.1	Introduction.....	107
7.2	The Unity of All Forces.....	107
7.3	The Unity of Energy and Space.....	110
7.4	The Unity of All Time Tenses.....	111
7.5	The Unity of Time and Space.....	113
Chapter 8	Earth, Moon, Sun, Planets.....	116
8.1	“Earth,” “Moon,” “Sun” in Biblical Hebrew.....	116
8.2	“And God made the two great lights; The great light ... and the small light ...” (Gen. 1:16)	118
8.3	Predicting Diameters	120
8.3.1	What a Linear Regression Model Implies (Here)	120
8.3.2	The Statistical Analysis and Its Results	121
8.3.3	The Planets	123
8.3.4	Venus is <i>Mazar</i>	124
8.3.5	Jupiter is <i>Shachar</i>	128

Chapter 9	“Water,” “Clouds,” “Fog,” and Other Water-Related Words	132
9.1	Water in Hebrew (<i>Mayim</i>)	132
9.2	Water-Carrying Substances	133
9.3	The Water Cycle	134
9.4	Water Heat Capacity	136
Chapter 10	The Human Body	139
10.1	Hebrew Letters as Parts of the Human Body	139
10.2	Human Body Parts with Names Indicative of Mutual Relationships	140
10.3	Hebrew Names with Revealed (Hidden) Information	142
10.3.1	Face	142
10.3.2	Ear	142
10.3.3	Eye	144
10.3.4	Human Blood	146
10.3.5	Kidney	148
10.3.6	The Human Hand	148
10.3.7	Summary of Main Points	149
Chapter 11	Light, Darkness, Black (Holes)	151
11.1	“River” and “Light”	151
11.2	Darkness	154
11.3	“Black” and Black Holes	155
11.4	Summary of Main Points	157
Chapter 12	The Colors	158
12.1	Color and Its Human Perception	158
12.2	Hebrew Names for Colors	162
12.3	Hebrew Color Names: A Hypothesis and Its Statistical Testing	164
12.3.1	The Hypothesis and an Outline of the Analysis	164
12.3.2	Preparation of the Samples (Stage 2)	165
12.3.3	Linear Regression Analysis: Description and Results (Stage 3)	169
12.3.4	Wavelength as the Response	175
12.4	Analysis of Other Frequencies	176
12.4.1	Day, Month, Year	176
12.4.2	Frequencies in Nonrelated “Entities”	179

Chapter 13 Metals and Other Substances.....	181
13.1 Introduction.....	181
13.2 Selecting and Preparing the Sample: Metals.....	181
13.2.1 Selecting the Sample (Metals).....	181
13.2.2 Determining Hebrew Names and Their Numerical Values (Metals).....	182
13.2.3 Values of the Analyzed Physical Property (Metals).....	185
13.3 Selecting and Preparing the Sample: Other Substances.....	186
13.3.1 Selecting the Sample (Substances).....	186
13.3.2 Determining Hebrew Names and Their Numerical Values (Substances).....	188
13.3.3 Values of the Analyzed Physical Property (Substances).....	190
13.4 Statistical Analysis.....	192
13.4.1 Metals.....	192
13.4.2 Substances.....	193
13.5 Summary.....	196

Part III Coincidences in the Bible

Chapter 14 “In the beginning ... the earth was without form and void” (?)	199
14.1 Biblical Description of the Beginning and Its Hebrew Context	199
14.2 Cosmological Theories of the Beginning	204
14.3 Summary of Main Points.....	207
Chapter 15 Laban: The Case of a Lost Identity.....	209
15.1 Introduction.....	209
15.2 Mixing Laban’s Parents.....	210
15.3 Mixing Laban’s Children	211
15.4 Mixing Religious Faiths.....	212
15.5 Mixing Languages	212
15.6 Mixing Property.....	212
15.7 What is Laban in Hebrew?	213

Chapter 16 Special Letters in the Bible	216
16.1 Introduction.....	216
16.1.1 Small and Large Letters	217
16.1.2 Extra and Missing Letters.....	220
16.1.3 Differently Read than Written.....	220
16.2 The Case of Haman's Sons	221
16.3 The Case of Pi (π).....	225
Chapter 17 Biblical Knowledge, Good and Bad.....	229
17.1 Introduction.....	229
17.2 "Good" and "Bad"	230
17.3 Biblical Knowledge.....	235
17.4 Hegel's Theory of Knowledge.....	236
17.5 Synthesis of "Good," "Bad," and "Knowledge".....	237

Part IV

Supplementary Coincidences

Chapter 18 The Secret of <i>Ibur</i>	241
Chapter 19 Non-Hebrew Names of Self-Proclaimed Foes of the People of Israel	247
19.1 Introduction.....	247
19.2 The Nazis.....	248
19.3 Hamas.....	248
19.4 Arafat	250
19.5 The Philistines (Biblical Times)	251
19.6 Pharaoh, King of Egypt (Biblical Times)	252
Chapter 20 Coincidences in Jewish History and Beyond	254
20.1 Introduction.....	254
20.2 Two Events of Recent History	255
20.2.1 Two Jewish Festivities: Commemorating a Disaster and a Rescue from One	255
20.2.2 A Gathering Threat and the Rescue: Two Recent Historical Events.....	256
20.2.3 A Personal Comment	258

20.3	The Month of Iyar	259
20.3.1	Exodus	259
20.3.2	Entering the Promised Land.....	259
20.3.3	Building the First Temple.....	260
20.3.4	Building the Second Temple.....	260
20.3.5	Declaration of Independence.....	261
20.3.6	The Six-Day War	261
20.3.7	The Month of Iyar in Jewish Tradition	262
20.3.8	Some Major Iyar Events	263
20.4	Everyday Coincidences and Their Lessons	265
Chapter 21 Integration of the Statistical Analyses.....		268
Chapter 22 Genesis Creation Story and		
Recent Cosmological Findings—A Statistical Evaluation		271
22.1	Abstract and Structure of the Chapter	271
22.2	Introduction.....	271
22.3	The Data.....	273
22.3.1	Definition of Events	273
22.3.2	Light	275
22.3.3	Formation of First Large-scale Celestial Structures.....	276
22.3.4	Creation of Sun and Moon	278
22.3.5	Creation of Life on Earth	278
22.3.6	Creation of Mankind	280
22.4	Statistical Analysis and Predictions	282
22.4.1	Statistical Analysis of the Complete Sample.....	282
22.4.2	Statistical Analysis of the Reduced Sample (observations 2 and 5 excluded)	283
22.4.3	Scientific Prediction???	284
22.5	Methodological Aspects—Some Comments.....	285
22.5.1	Selection of X Values (Genesis creation story).....	285
22.5.2	The Nature of Scientific Empirical Modeling.....	286
22.5.3	Why Not Publish in Recognized Scientific Journals?	287
22.6	Conclusions	288
Epilogue: Some Personal Reflections		289

Appendix	293
Hebrew Words in Latin Letters	
References	309
Index.....	313