

Contents

Acknowledgments	xi
Preface	xiii
1 Introduction	1
Linguistic Identity	1
The Evolution of Hebrew	2
Main Features of Hebrew as a Semitic Language	3
Speech and Writing	4
2 The Hebrew Word	9
Introduction	9
Word Structures	9
The Two Kinds of Derivations	11
Bases and Stems	12
Key Constructs of Hebrew Morphology	15
The Root	15
Word Patterns	18
Binyanim and Mishkalim	19
<i>Binyanim</i>	19
Imperatives	21
Infinitives	21
Syntactic and Semantic Aspects of <i>Binyanim</i>	22

<i>Mishkalim</i>	23
Productivity of Roots and Patterns	26
Adjectives	28
Adverbs	29
Possessives and Constructs	29
Nonpattern Affixes	30
Further Reading	31

3 Decoding Hebrew Words

Reading Two Orthographies	33
The General Role of Vowels	34
The Problematic Perception of Vowels in Speech	35
Roles for Vowels in Reading and Writing	37
Special Roles for Vowels in Reading	37
The Role of Vowels in Early Reading and Writing	40
Experimental Studies on the Role of Hebrew Vowels	41
The Contribution of Vowel Signs to Phonological Processing	43
The Studies of Koriat	44
The Studies of Navon and Shimron	45
Voluntary Control of Using Vowels in Phonological Processing	46
Context: The Limit of the Vowelization Effect	49
The Role of Vowels in Disambiguating Hebrew Homographs	50
The Studies of Bentin and Frost	50
The Role of Vowel Letters in Phonological Recoding of Hebrew Words	53
Summary	53
General Implications	54
One or Two Strategies for Reading Voweled and Unvoweled Hebrew	58
The Orthographic Depth Hypothesis	59

4 Morphological Aspects of Reading Hebrew Words

Compositionality and Productivity	68
Time Dimension in Word Recognition	70
Empirical Findings	71
Reservations About the Centrality of the Root and the Pattern Constructs: The Linguists' Angle	72
Psycholinguistic Evidence on Morphological Awareness in Language Acquisition	74

Evidence from Experimental Studies on Semitic Morphology	76
Repetition Priming	77
Masked Priming	79
Decomposing Hebrew Nouns	80
Decomposing Hebrew Verbs	83
Crossmodal Priming—The Onset of Semantic Processing	85
Sensitivity to the Root's Characteristics	88
Affixation in Hebrew	92
Number Inflection	92
The Mechanism of Regular and Irregular Inflections	99
The Nature of the Default Inflection	101
The Effect of Stem Change in Noun Inflection	103
The Power of Roots: Semantic or Morphological	104
Summary	105
Resolving the Differences Between Proponents and Opponents of the Root-Based Approach	105
5 The Development of the Hebrew Language	108
The Semitic Origin	108
Semitic Characteristics	109
The History of Hebrew	111
Pre-Biblical Hebrew	112
Biblical Hebrew	113
The Dead Sea Scrolls	115
Mishnaic Hebrew	115
Medieval Hebrew	116
Continuous Use of Hebrew Throughout the Ages	118
The Revival of Hebrew in the Diaspora	119
The Revival of Modern (Israeli) Hebrew	121
6 The Evolution of the Hebrew Writing System	124
The Evolution of the Hebrew Alphabet	125
The Hieroglyphic Model	125
The Earliest Examples of Alphabetic Writing	127
Findings in the Sinai Desert	128
Findings in Ancient Israel	129
The Hebrew Writing System	131
Writing Modern Hebrew	134
Vowel Letters	135
The Vowel Signs (Pointed Orthography)	136
Orthographic Regularity	136
Spelling	137

7	The Viability of Literacy in Hebrew	11
	Havelock's Contention 138	
	The Linguistic Aspect: The Evolution of Writing Systems 143	
	The Representation Issue 146	
	The Psychological Aspect: How Do Semitic Alphabets Operate? 146	
8	Perceptions and Evidence of Early Literacy in Hebrew	19
	Defining Literacy 151	
	Early Perceptions of Literacy in the Bible 152	
	A Mythical Approach to the Text 152	
	Toward a Modern Literacy 157	
	Recordkeeping	
	Keeping a Record of Religious (and Judicial) Texts 159	
	Literacy as Transporting Messages 159	
	Recording Oral Traditions 160	
	Incidental Mentions of Writing in the Bible 160	
	Archaeological Evidence of Early Literacy in Hebrew 161	
	Domestic Literacy 161	
	Belles-lettres 163	
	Literacy Education 163	
	Abecedary 165	
	Special Training in the Cuneiform Tradition 165	
	Seals 167	
	Who Wrote? 167	
	Summary 169	
	References	171
	Glossary	190
	Author Index	197
	Subject Index	203