

Table of Contents

Introduction	1
Literature Review.....	3
Current Studies: Overview.....	13
Study 1.....	14
Method.....	15
Participants.....	15
Measures and Materials.....	16
Procedure	20
Results.....	23
Individual Word Level.....	23
Phonestheme Level.....	25
Relations Among Measures.....	26
Discussion.....	27
Study 2.....	28
Method.....	29
Participants.....	29
Measures and Materials.....	30
Procedure	34

Table of Contents, Continued

Results	36
Use of Semantic Information	36
Austronesian Analyses	36
Overall analysis.....	36
Differences between onomatopoeic and non- onomatopoeic items	36
Item analyses.....	37
Psychological Reality of English Phonesthemes	38
Overall analysis.....	38
Item analyses.....	38
Correlates of Phonestheme Productivity	39
Regularity of Sound-Meaning Associations	39
Frequency	39
Discussion	40
Study 3	41
Method	42
Participants	42
Measures and Materials	42
Procedure	44

Table of Contents, Continued

Results	44
Overall Analyses	44
Item Analyses	44
Discussion	45
General Discussion	46
Psychological Reality of Phonesthemes	46
Consequences for Linguistic Theories	46
Arbitrariness of the Sign	46
Definition of the Morpheme	50
Role of Probabilistic Form-Meaning Relations in Linguistic Theories	51
Relation of Phonesthemes to Traditional Linguistic Units	53
Language-Specificity, Compositionality, and Relations to Other Types of Sound Symbolism	54
Unanswered Questions	55
Summary	56
References	57
Appendix A	95
Appendix B	118
Appendix C	119