

CONTENTS

O.	FOREWORD	1
I.	STATEMENT OF POSITION	4
II.	REVIEW OF THE PUBLISHED LITERATURE	10
II.1	Introduction	10
II.2	Pronunciation and General FL Ability Research	10
II.2.1	Pronunciation Compared With General FL Learning	10
II.2.2	Major Lines of FL Research	12
II.2.2.1	J.B. Carroll	12
II.2.2.2	P. Pimsleur	15
II.2.2.3	Gardner and Lambert	19
II.2.3	Pronunciation Research	24
II.2.3.1	A.Z. Guiora	25
II.2.3.2	R.W. Suter	30
II.2.3.3	Leutenegger and Mueller	32
II.2.3.4	H. Sauer	35
II.3	The Achievement Motive	37
II.4	Need for Affiliation	41
II.5	Other Viewpoints and Research	41
III.	THE FORMATION OF A HYPOTHESIS	48
III.1	Musicality	48
III.2	Extraversion	49
III.3	Integrative and Instrumental Motivation	51
III.4	Need for Achievement	52
III.5	General Scholastic Aptitude	53
III.6	Other Factors	54
IV.	TEST CONSTRUCTION	55
IV.1	Predictor Variables, Measurement and Test Methodology	55
IV.1.1	Measurement of Attitudes, Personality Traits and Personal Data	56
IV.1.2	Measurement of the Achievement Motive n <u>Ach</u>	66

IV.1.3	Measurement of Extraversion	73
IV.1.3.1	Discussion of Eysenck's Thesis	73
IV.1.3.2	The Measure of Extraversion here adopted	77
IV.1.4	Musicality and Its Measurement	80
IV.1.4.1	A Working Perspective	80
IV.1.4.1.1	Heredity and Environment	81
IV.1.4.2	Musicality and Sensory Capacities	85
IV.1.4.2.1	C.E. Seashore's Standpoint	87
IV.1.4.3	Five Standardised Musical Measures Compared	89
IV.1.4.3.1	The Seashore Measures of Musical Talents	89
IV.1.4.3.2	The Kwalwasser-Dykema Musical Tests	90
IV.1.4.3.3	The Bentley Measures of Musical Ability	91
IV.1.4.3.4	The Gordon Musical Aptitude Profile	91
IV.1.4.3.5	The Wing Standardised Tests of Musical Intelligence	91
IV.1.4.4	The Parallels between Music and Language	92
IV.1.4.4.1	Singing and Speech: Articulation	94
IV.1.4.4.2	Pitch in Music and Speech Prosodies	95
IV.1.4.4.3	Meaning in Music and Speech	97
IV.1.4.4.4	An Objective Correlate: Cerebral Dominance	99
IV.1.4.4.5	Deep Parallels between Music and Language	100
IV.1.4.4.6	Summary	105
IV.1.4.5	Choice of Measure for the Present Investigation	106
IV.2	Measurement of Criterion Variable Pronunciation	109
IV.2.1	Type of Judge	109
IV.2.2	Inter-Judge Reliability	116
IV.2.3	Location of Test and Test Equipment	119
IV.2.4	Anxiety	123
IV.2.5	General Procedure and Assessment Criteria	125

V.	EMPIRICAL TEST PROCEDURE	130
V.1	Selection and Division of Subjects	130
V.1.1	Selection	130
V.1.2	Division	132
V.2	Pilot Test: June 1977	132
V.2.1	Pilot Test Results and Commentary	135
V.3	First Experiment: February 1978	137
V.3.1	Test Format and Procedure	137
V.3.2	Test Results and Commentary	139
V.4	Second Experiment: July 1978	151
V.4.1	Test Format and Procedure	151
V.4.2	Test Results and Commentary	151
V.5	Third Experiment: July 1979	159
V.5.1	Test Format and Procedure	159
V.5.2	Test Results and Commentary	160
V.6	Fourth Experiment: February 1980	165
V.6.1	Test Format and Procedure	165
V.6.2	Test Results and Commentary	169
V.7	Fifth Experiment: July 1980	174
V.7.1	Test Format and Procedure	174
V.7.2	Test Results and Commentary	174
V.8	Sixth Experiment: July 1981	179
V.8.1	Test Format and Procedure	179
V.8.2	Test Results and Commentary	179
V.9	Seventh Experiment: July 1983	187
V.9.1	Test Format and Procedure	187
V.9.2	Test Results and Commentary	188
VI.	OVERALL RESULTS AND CONCLUSIONS	195
VI.1	Results	195
VI.1.1	School-Leaving Grade Point Average	195
VI.1.2	Musicality	197
VI.1.3	Extraversion	198
VI.1.4	n_{Ach}	199
VI.1.5	Integrative Motivation	201
VI.1.6	Other Variables	201
VI.2	Conclusions	202
VII.	SUMMARY	204
	APPENDIX A	205
	APPENDIX B	206
	BIBLIOGRAPHY	207
	ZUSAMMENFASSUNG IN DEUTSCHER SPRACHE	221