

Contents

FOREWORD	vii
PREFACE	ix
Mental Retardation	1
<i>No Immediate Danger of Decline of National Intelligence</i>	3
<i>The Need for Information</i>	3
<i>Prevalence of Mental Retardation</i>	4
<i>Causes of Mental Retardation</i>	6
<i>Chemical Disorders</i>	7
<i>Possibilities of Treatment</i>	8
<i>Other Enzyme Defects</i>	9
<i>Recessive Heredity</i>	10
<i>Children of the Mentally Retarded</i>	11
<i>Mendelian Inheritance</i>	12
<i>Consanguinity</i>	13
<i>Detection of Carriers</i>	14
<i>Significance of Carrier State</i>	15
<i>Direct Transmission</i>	16
<i>Mutations</i>	16
<i>A Hereditary Deformity of Head and Hands</i>	18
<i>Parental Age</i>	19
<i>Chromosome Studies</i>	20
<i>Abnormalities of Sex Chromosomes</i>	21
<i>The Barr Body</i>	22
<i>Turner's Syndrome</i>	23
<i>Down's Syndrome</i>	24
<i>Human Mosaics</i>	26
<i>Malformation of the Nervous System</i>	26
<i>Hydrocephalus, Spina Bifida and Anencephaly</i>	28
<i>Blood Groups and Mental Retardation</i>	31
<i>Cerebral Palsy and Mental Retardation</i>	33
<i>Twins</i>	34
<i>Birth Hazards</i>	35
<i>Potential and Achievement</i>	36
<i>Research in Rehabilitation</i>	37
<i>Cultural Retardation</i>	38
<i>The Brooklands Experiment</i>	38
<i>The Need for Further Effort</i>	39
FURTHER READING	39