THE PSYCHOLOGY OF ADOLESCENCE

BY

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OF MY FATHER LEONIDAS CULVER BROOKS

TO THE MEMORY

EDITOR'S INTRODUCTION

THAT period of physical maturation known as adolescence has been regarded commonly as a time when youth breaks with his past and develops into a new person — when a "new self" is born. This belief has existed from the time of primitive peoples down to the present, and still finds expression in the more popular literature of the time. Those who believe that the birth of a new self is one of the chief characteristics of adolescence face the difficult task, however, of harmonizing such a popular conception with the facts brought forth within recent years as the result of careful scientific observation and measurement. These facts do not support such a theory.

Instead, we now know that the adolescent period, while marked by certain distinct and pronounced physical changes. from the mental and personal points of view is very largely only a maturing of individual traits and habits of thinking and acting that have been developing since childhood. Even in the matter of the emotional and volitional changes and the development of personality traits which take place with adolescence, there now seems to be little reason for believing that what a youth becomes is to any great degree independent of his own past environment and training. While these changes are marked and important, they are in the nature of a continuous development of what has gone before rather than an abrupt transition to some new and different type of living. While the self that emerges at the close of the adolescent period is vastly different from that which entered it, that self is still very similar in its fundamental traits and habits to the self that existed when the matura-

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tion period began. In other words, any correct account of adolescent development must consider the physical, mental, moral, social, and religious development of the boy or girl from early childhood to manhood or womanhood as a continuous process. What takes place at adolescence is largely determined by what has taken place in the training of the youth before that period. The educational significance of this more scientific conception of the developmental process, for both parents and teachers, is most important.

The author of the present volume in this series has rendered an important service to teachers and parents, as well as to the student of the problems of adolescence, in assembling and organizing into usable form the results of the many hundreds of individual investigations which have been made as to different aspects of the problems of physical growth and the mental, moral, social, and religious development of young people during the adolescent and preadolescent years. In a series of chapters of much interest he has shown how careful observation, accurate measurement, and a critical interpretation of data replace superficial observations, inadequate measurements, and inferences based on recollections of individual cases, and from the assembled results he has drawn conclusions of importance as to the physical, mental, moral, social, and religious regimen to which youth must be subjected and which they must follow if the best results in the development of human personality are to be attained. The volume represents an important organization of objective evidence on a subject on which there has been much loose thinking, and is a useful contribution to our rapidly growing educational literature.

ELLWOOD P. CUBBERLEY

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PREFACE

An important problem of psychology is that accurate description of human behavior which makes possible both its prediction with reasonable accuracy and its effective direction and control in the service of society and the individual. Accordingly, *The Psychology of Adolescence* has the task of describing adolescent nature, growth, and development so as to facilitate both reliable prediction and suitable guidance and control of behavior during the teens.

This book has developed in connection with courses offered by the author on the Psychology of Adolescence. Hundreds of college students, high-school teachers, and high-school principals in the author's classes at Johns Hopkins University and at the University of Wisconsin summer session have influenced it through discussion and conference and the approximately three thousand written questions which they have asked on problems of interest and practical value to them. The materials have been chosen to cover the topics which thus seem to be of greatest importance.

In the very nature of the case, we have drawn heavily upon general and educational psychology, thus indicating that many features of adolescence are not unique.

The general point of view, which we are forced by the facts to accept, is that development is a continuous function throughout childhood and into and through adolescence; that the youth normally does not break with his past; that, in fact, the roots of his present nature lie deeply imbedded in his past.

Many of the problems have been or are controversial. Accordingly, we have endeavored to present the evidence

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on them impartially and at some length so that the reader may have a sound basis for his conclusions. Although the material is that which has proved most serviceable in the author's classes, and although an independent, critical evaluation of data bearing on the problems of adolescence necessitates some command of certain statistical and other technical procedures, yet the reader or instructor may, if he wishes, omit portions of chapters containing much statistical or technical detail. A glossary of technical terms and abbreviations is appended at the end of the volume immediately before the index.

The references at the end of the chapters have been selected to give an introduction to the extensive growing literature on the subject. A few for each chapter, marked by an asterisk (*), may be used as a first reading list to supplement the material of the chapters.

Many of the problems for discussion are those raised by students in the author's classes and by parents and teachers. Information on some of them is very meager or is lacking almost entirely, but we have included them anyhow in the hope that discussion by revealing this fact may lead to the further investigation necessary to solve them.

The author is under obligation to the many investigators upon whose researches he has so freely drawn. He also desires to express his thanks to the authors and publishers who have granted permission to use copyrighted materials. Specific acknowledgments are made in each case.

FOWLER D. BROOKS

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THE PSYCHOLOGY OF ADOLESCENCE

CHAPTER I

INTRODUCTION: THE MEANING AND SIGNIFICANCE OF ADOLESCENCE

1. The meaning of adolescence

ADOLESCENCE (from the Latin verb, *adolescere*, meaning to grow, to grow to maturity) refers to the period of growth extending approximately from ages twelve or thirteen to twenty. The period really closes with manhood and womanhood. During this time the reproductive functions mature, but it must not be supposed that adolescence is characterized by this fact alone. Various physical, mental, and moral changes are taking place at the same time, and their interrelations and coördinations are important for an adequate understanding of these years.

By puberty is meant the initial stage of adolescence, the earliest age at which the individual is capable of begetting or bearing offspring. Puberty among girls begins, on the average, about the thirteenth year, and, among boys, about the fourteenth year; but the time varies, as we shall see in Chapter III.

2. The importance attached to adolescence

People have always had some understanding of the importance of adolescence, and some appreciation of its significance. Among primitive and savage peoples puberty rites were almost universal. The males of a tribe really consisted of four groups — the boys who had not arrived at puberty, and lived with the women and girls; the unmarried youths; the mature men on whom rested the duties and responsibilities of tribesmen; and the old men — the wise men — who directed the affairs of the tribe.

Puberty rites. Among some primitive peoples the boy, upon reaching puberty, was initiated into the tribal secrets, laws, customs, and rites, and at once or at a later time married and became a full tribesman. When the oldest son attained manhood, the father became one of the elders or "wise men," and retired from active service.

The initiatory rites usually were very impressive, and often lasted several months. A strong bond of brotherhood was formed and tribal unity furthered. Initiation frequently involved difficult ordeals or painful mutilations. Thus among certain Australians the novice lost one or more teeth, even though many blows were required to dislodge them. Severe beatings, confinement for weeks with little food and that the filthiest obtainable, marked initiatory rites among certain tribes of North American Indians,1 among whom pubic rites for girls also were quite common and often severe and trying. The girl might be segregated in a small house for a month, six months, or longer, not being allowed to leave it except after dark and then with her mother. Among certain tribes of Brazil the girl at puberty was secluded indoors one month and fed bread and water; then she was brought forth and beaten by relations and friends until she fell senseless. Sometimes death resulted.

The method, however, was not always harsh. The moral training of the young adolescent in one tribe of New South Wales is described as follows:² "Each lad is attended by one

¹ See Lawson, History of Carolina, pp. 380-82.

² Palmer, Journal of Anthropological Institute, vol. 13, p. 296.

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of the elders, who instructs him every evening in his duties, and gives him advice to regulate his conduct through life advice given in so kindly, fatherly, and impressive a manner as often to soften the heart and draw tears from the youth."

Among the Romans the boy at fourteen put on the *toga virilis*. In the days of knighthood the boy was a page until the age of fourteen and associated with women, but at fourteen he became a squire and was in the company of men.

The initiatory rites constituted a large part of formal, primitive, adolescent education. By this means were taught such social virtues as (1) obedience to the tribal chiefs, (2) independence of maternal control, (3) bravery in battle, (4) observance of the customs and moral code of the tribe, and (5) liberality toward the community.

The adolescent in literature: the new self. Literature in all ages reflects the consciousness of adolescence as a distinct period of development. Thus it appears that the onset of adolescence has been regarded widely and from antiquity as a new stage in development.

Primitive peoples in the puberty rites emphasized the break between childhood and youth. After the rites the boy was a new person. This view has had wide acceptance. Many persons among civilized peoples to-day think adolescence marks a distinct break with the youth's past; that it means the birth of a new self. Many writers on adolescence stress this view. Close observation of children, however, gives little ground for the belief; careful, unbiased observation and investigation tend to clear it away entirely.

Two reasons account for the belief in abrupt changes at adolescence.

First: Uncritical observation. The changes preceding and accompanying adolescence are not observed carefully. Consequently, the differences between children and adults are not clearly perceived or appraised. The child of eleven

is little understood; he is thought of as a child; his true mental powers are underestimated in comparison with those of older children, so that the difference between eleven and fourteen really seems greater than it is.

Second: Some of the emotional disturbances at adolescence accentuate the new elements in the total physicalmental life of the teen-age period. As we see later, the youth's mental development and physical growth during adolescence are not the bizarre, saltatory affairs of popular psychology and the fiction writers. Changes do take place and they are of great importance, but life is a continuous function; the youth does not break with his past. Even in cases of great emotional upheaval, such as religious conversion, the individual's future is conditioned largely by the past. Of course, there is some truth in the lines,

> Every day is a fresh beginning, Every morn is the world made new,

but this is true of the individual as infant, child, adolescent, and adult; it is not a unique characteristic of this period.

3. Adaptation, development, and integration

Adaptation to environment a function of living organisms. A basic function of living organisms, possessed in varying degrees by both plants and animals, is adaptation to environment. Preparing individuals to meet adequately the circumstances of life has long been regarded as the important aim of education. We educate and train pupils so that they may adapt themselves more adequately to their surroundings, modifying conditions whenever it seems best to do so for individual and group welfare. This is the end. What about the means?

Adaptation through development and integration. Adaptation implies the suitable development and effective in-

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