

THE NEW DECALOGUE OF SCIENCE

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By
ALBERT EDWARD WIGGAM



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TO MY WIFE

Whose extensive readings in the literature of biology, psychology, genetics and heredity have alone made this book possible, and whose eyes have for many years largely taken the place of my own, this effort to think about things, instead of fictions, wish-fancies and symbols of things, is affectionately dedicated.

PREFACE

I AM indebted in many ways to many men either through their books or public lectures or through personal letters, stray remarks and casual observations, or else through long continued table talks, sometimes extended into grey morning hours, those priceless hours when men think in each other's presence aloud. In some or all these respects I am indebted to Frederick Adams Woods, Professor Edward L. Thorndike, Everett Dean Martin, Professor John Dewey, James Harvey Robinson, Doctor Irwin Edman, Professor Thomas Hunt Morgan, Doctor Charles B. Davenport, Doctor Raymond Pearl, Professor E. M. East, Professor G. T. W. Patrick, Professor F. C. S. Shiller, Alleyne Ireland, Judge Harry Olson, Professor Franklin H. Giddings and Professor William MacDougal.

Deeper, however, than to anyone else, perhaps, is my debt to my boyhood teacher in ethics and philosophy, the late Doctor Daniel W. Fisher, President of Hanover College, whom, although his immense scholarship was largely that of a past age of thought, I still regard with reverence as having been one of the great teachers of the world.

Doctor Glenn Frank, whose career, in my judg-

ment, will be one of the world-events of the coming generation, and who in his genius, scholarship, poise and insight represents the new type of statesman, of whom I have endeavoured to write, has kindly read the manuscript twice and made many invaluable suggestions.

Thanks are due the *Century Magazine* for permission to reprint the brief essay entitled "The New Decalogue of Science," which appeared in the issue of March, 1922, and which forms the basic outline of the present volume. Also the letter of Mr. G. Bernard Shaw, criticizing this essay and the writer's reply to Mr. Shaw's highly suggestive criticisms. Also to the *Pictorial Review* for permission to reprint from its issue of June, 1923, the chapter on Preferential Reproduction.

A. E. W.

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