

BIOLOGY AND SOCIAL
PROBLEMS

GEORGE HOWARD PARKER

MBL/WHOI



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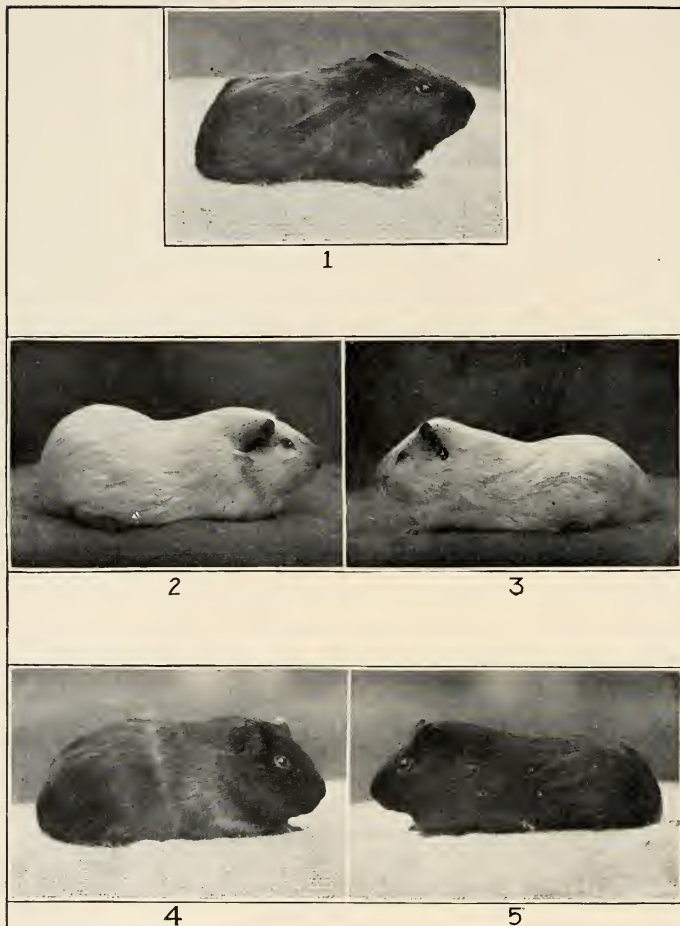
The William Brewster Clark
Memorial Lectures

THE RELIGIOUS REVOLUTION OF TO-DAY.
By JAMES T. SHOTWELL. 1913.

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All figures after Castle

PLATE IV. OVARIAN TRANSPLANTATION

Fig. 1. A young, black guinea-pig like the one whose ovaries were transplanted into the albino shown in Fig. 2. Fig. 2. An albino guinea-pig whose ovaries were replaced by those from such a guinea-pig as that shown in Fig. 1. Fig. 3. An albino male guinea-pig with which the one shown in Fig. 2 was mated. Figs. 4 and 5. Two of the six offspring of the matings of the guinea-pigs shown in Figs. 2 and 3. All the offspring were black.

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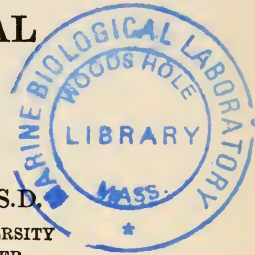
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BIOLOGY AND SOCIAL
PROBLEMS

BY

GEORGE HOWARD PARKER, S.D.

PROFESSOR OF ZOÖLOGY IN HARVARD UNIVERSITY
AND WILLIAM BREWSTER CLARK LECTURER
AT AMHERST COLLEGE FOR 1914



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TO
L. M. P.

FOREWORD

THE unique characteristic of modern times — one which gives every indication of being permanent — is that the world, both personal and external, is to an apparently increasing degree in a state of change. The immense significance of this fact is as yet but dimly perceived. The new modifies the old or displaces it in every department of life without exception and with increasing rapidity. New ideas, new movements, new ways of looking at things present themselves for attention for the first time or call upon people to change their attitude towards things they had considered settled. This state of the world renders the practical problems of personal conduct and social policy increasingly vital and complex, and makes the task of a college in its relation to them as much more difficult as an institution is less mobile than an individual.

To assist Amherst College, therefore, in throwing light in a genuinely scientific spirit upon the relation of the research, discovery,

and thought of the day to individual attitude and social policy is our aim in the foundation of these lectures. Such light may come through a recent discovery in natural or applied science, through a new tendency in art, literature, or music; it may be the result of some painstaking research in history or anthropology; or it may be found in some vital movement, religious, philosophic, economic, or political. It is our wish that men and women who are in the position of leaders in such phases of the life of the day shall give to Amherst College and the world an exposition of their particular work in its relation to what they conceive to be a modern outlook.

We give these lectures in memory of William Brewster Clark, M.D., who graduated from Amherst in the class of 1876. We believe that no place for a memorial to him could be more fitting than the college which he loved with a devotion characteristically rich and sincere, nor any form more suitable than lectures on subjects which to him would be most absorbing.

FANNY H. CLARK,
W. EVANS CLARK.

NEW YORK CITY, 11 March, 1913.

POSTSCRIPT

SINCE the publication of the first series of lectures it has seemed advisable to limit the scope of future series more definitely. Should the field of subjects include all of those which affect "individual attitude and social policy," it would make for a loss of coherence and continuity in the lectures as a whole. Accordingly, we have decided to confine the subjects, for the present at least, to those which bear directly upon a most important phase of the general problem of "social policy" — that of Social Control.

The idea of unlimited human progress is but four centuries old. The idea of the conscious direction of that progress is yet in its infancy. Few indeed there are who do not still consider human characteristics, institutions, and environment to be as immutably fixed as the hills and the ocean. The merest scattering of human beings realizes that with knowledge and coöperative effort large masses of people can, in great measure, seize their destiny and mold it to their conscious aims.

With the birth of this idea of Social Control among the few have come large plans of

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