MENTAL EVOLUTION IN ANIMALS. By George J. Romanes, M.A., LL.D., F.R.S. With a Posthumous Essay on Instinct, by Charles

Darwin, M.A., LL.D. London : Kegan Paul, Trench & Co.

In foliliment of his design, announced in his work on "Animal Intelligence," Mr Romanes has now written a work on the evolution of mind in animals. While the former yolume was chiefly devoted to instances and illustrations, the present volume is principally given up to the exposition of his theories based upon the facts

which he had collected. It is not too much to ear that the present treatise is the most substan-

tial, the most scientific and complete, we have upon a most important and complicated subject; and the whole question of instinct—its origin, its modifications, its physiological and psychological aspects—is treated here with lucid investigation. fulness of observation, and able disquisition. It would, however, be too much to say that there

is conclusiveness in all the subtle theories reverding that unknown dim realm where consciousness takes its source, or in the efforts to guess the

exact modes in which the physical gives place to the psychical phenomens, and intelligence ori-

ginates in its rudimentary forms in a low organism.

in the continuous states of the continuous states of the course, by being told that "one course, by being told that "consciousness is but an adjunct which arises when the physical processes in our course, by a continuous states of the continuous

psychical processes constitute the subjective expression of objective turmoil among molecular forces." For such vague phrases do as little to represent the fact as, in the Mediaval theatre, scante of scenery, did the man who stood on the

stage with a paper in his band announcing to the audience-"This is a wall." But if in

the theories of the origin of mind and the mode of evolution of intelligence from unconscious organism. Mr Romanes is as unable as others to

a dark as to the casual connection, if any, between

give the true solution, the value of this work

