

of neuroanatomy which has formed a regular part of standard psychology texts for many decades.

For some obscure reason psychologists traditionally have burdened their students with detailed descriptions of the nervous system, apparently in the hope that knowledge of this sort will in some mysterious fashion prove helpful to an understanding of psychological events. The regrettable fact is that to date there remains a vast chasm between the established data of mental activity and those of neurology; and the reviewer doubts seriously whether a purely descriptive account of the anatomy of the nervous system can be of any assistance to the student's comprehension of psychological phenomena. Possibly the advanced reader profits from a competent review of certain aspects of neurophysiology such as those involved in recent studies on electrical activity of the brain or acetylcholine and cholinesterase metabolism, but even here the potential psychological implications of the physiological data are so speculative that one is tempted to deny the original assumption and to insist that the psychology student's efforts might more profitably be directed toward a fuller investigation and better understanding of phenomena which belong within the psychological sphere as currently defined.

Obviously there are other points of view and it may well be that teachers of psychology will welcome precisely those sections in Professor Goodenough's book which the reviewer is inclined to regard as unnecessary. In any event, the inclusion of this material need not detract from the volume's obvious value as a text-book nor from the fact that the author has done a commendable job of synthesizing the important material in her field.

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### THE STORY OF THE WRIGHT BROTHERS

*The Wright Brothers.* By FRED C. KELLY. New York: Harcourt, Brace and Company. 1945. \$3.50.

HERE, for the first time, is a complete and authentic record of the first men who achieved, sustained and controlled flight in a heavier-than-air flying machine—a biography authorized by Orville Wright.

The story begins with the boyhood background of Orville and Wilbur Wright, and covers, in interesting form, their many dreams, activities and enterprises which led to that epoch-making event at Kitty Hawk, North Carolina, on December 17, 1903, when, with Orville Wright at the controls, their bi-plane took off from the sand dunes and made flying history.

Following the first successful flight, a detailed account is given of their difficulties with the press, the lack of interest first shown by the United States

Army, their successful flights and demonstrations in Europe, their engagement in the aviation business, their building the first airplane for the United States Army and their patent suit with Curtiss.

This story of the Wright Brothers is the most complete single volume depicting the history of their work in aviation and clarifies beyond question the disputes which finally culminated in their being given proper and full credit for making the first man-carrying controlled and sustained flight in a heavier-than-air machine.

Mr. Kelly has done a remarkable job in his book, and has compiled, in a form delightful to read, a great mass of details and information which is a splendid record of our two foremost American pioneers in aviation, Orville and Wilbur Wright.

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