

**ON THE
CONVOLUTIONS OF
THE HUMAN BRAIN**

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On the Convolutions of the Human Brain by Alexander Ecker

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LANE LIBRARY
BY

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Translated by Permission of the Author

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LONDON

SMITH, ELDER, & CO., 15 WATERLOO PLACE

1873

M.

VORWORT

„Ich schau' in tiefen reinen Bügen
Die wirkende Natur vor meine Seele liegen“

GOETHE, *Faust*

„Jeder Mensch ist eine psychische wie physische Formel,
ein physisches und psychisches Glied in der unendlichen Welt
der Körper und Geister.“

HUSCHKE, *Schädel, Hirn, und Seele*

2455
E19 G
1873

N O T E

THE subjoined description of the Convolutions of the adult human Cerebrum is intended to facilitate a due understanding of the same—the knowledge of their type, that is to say, of the general in the particular. It has been supported especially by numerous investigations into their development in the fœtus, which are published in detail elsewhere. The author, while most fully recognising the great progress which has been made in such knowledge through the study of the brain of the apes, is nevertheless of opinion that, in order to arrive at a complete understanding of the subject, very much more attention must still be directed to the history of the development of the convolutions than has hitherto been done. This description has been framed with especial view to the needs of the physician, and is intended to enable him, when at the post-mortem table, the better to shape his course through the seeming chaos of convolutions, so that he may be capable of registering with accuracy the all-important observations upon the pathological changes in the cortex of the cerebrum. Though it be, of course, meet and right that Anatomy should not be the handmaid of Medicine, it cannot, nevertheless, be

denied, on the other hand, that she would do well to present the results of her enquiries—with the increase in value of which she is chiefly concerned—in such shape as will promote their utilisation; but it is specially in the present instance that the egoism of the anatomist is almost greater than his love for his neighbour.