

THOUGH APE'S BRAIN IS LIKE MAN'S IT CAN'T BUILD SHIPS NOR PRAY

Human Gray Matter, Made Up of Six to Twelve Billion Cells, Is Wonderful Labyrinth of Untrodden Byways, Whose Rarest Beauties Yet Have Not Been Explored by Science—Mind and Brain Distinctly Different.

HEALTH AND EFFICIENCY—HOW TO MAINTAIN BOTH

By Frederick M. Rossiter, B.S., M.D. Questions pertaining to health, hygiene and the prevention of disease will be answered in this column.

BY DR. FREDERICK M. ROSSITER

NATOMICALLY the human brain has many things in common with the brain of the higher class of animals, such as the ape, the chimpanzee, or the orang-outang, but mentally there is no relation or similarity.

Animals can be trained to do certain things automatically and to perform certain clever tricks, but their entire life largely is controlled by instincts.

Man has a temple within a temple, columns and pillars, chambers and galleries, decked with fringe and lace-like tapestries; wonderful passages, and a most intricate labyrinth of pathways, mysterious and untrodden, innumerable darkened chambers still unpenetrated, and when they are penetrated, the light is but a faint gleam.

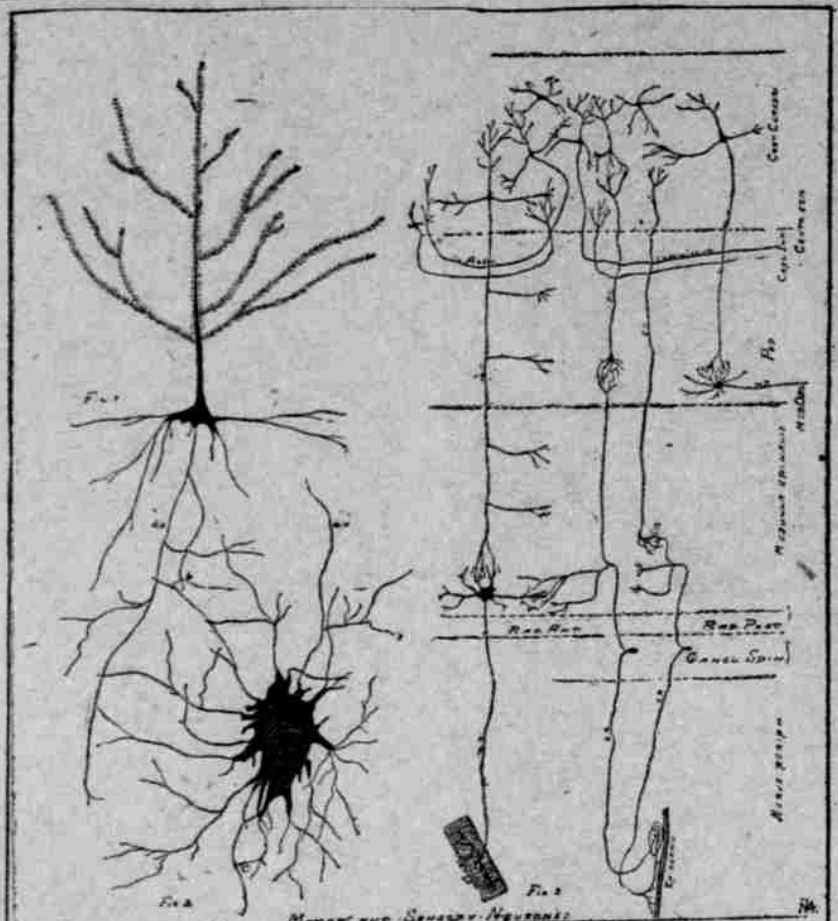
Here we have a temple within a temple, columns and pillars, chambers and galleries, decked with fringe and lace-like tapestries; wonderful passages, and a most intricate labyrinth of pathways, mysterious and untrodden, innumerable darkened chambers still unpenetrated, and when they are penetrated, the light is but a faint gleam.

Brain and Mind Different. Not the mind, neither is the mind the brain, but so far as a man is concerned, he has no mind independent of the brain.

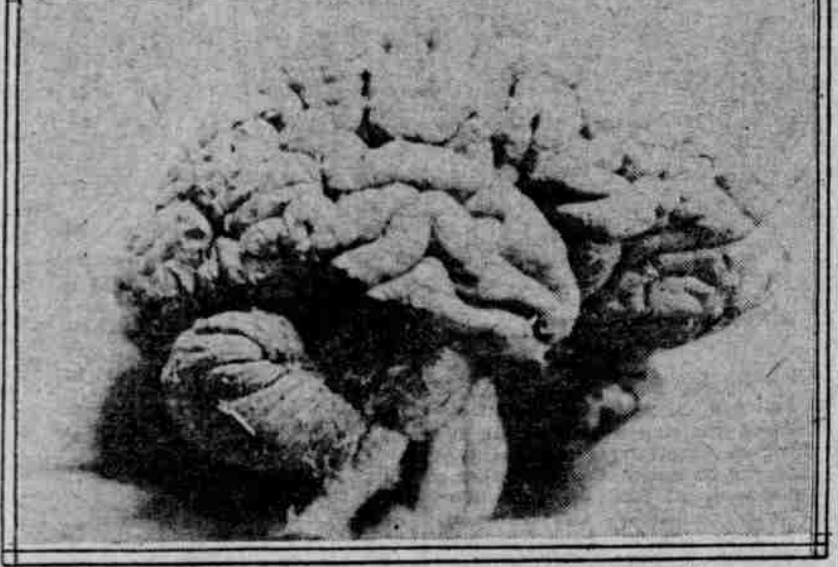
Brain Knowledge Is Recent. It is evident from the writings of men that for ages the world knew nothing about the brain or what its functions were.

About 150 years after Christ, Galen felt certain that the brain was the seat of the mind, but for nearly 2000 years after Galen little if any advance was made in this matter.

It was in 1857 that a scientist by the name of Broca by chance discovered that there is a definite center in the brain that presides over the motor power of the human brain.



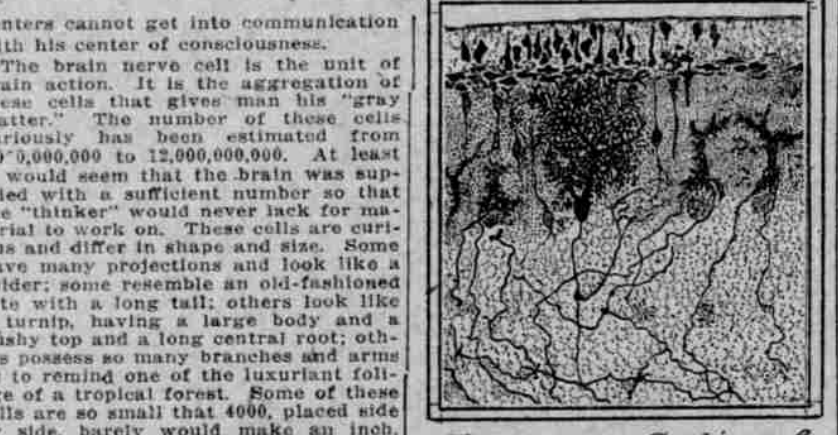
Motor and Sensory Neurons



The Brain is Slightly Tipped to One Side, Showing a part of the Base.



Lateral View of White Portion of the Brain With Gray Matter Removed. The Course of the Fibres can be Distinctly Seen.



Transverse Section of Center of Cerebellum, (Gaius) Showing Large Neurons with Branches.

have the best of the men, for, in proportion to body weight, a woman's brain is heavier than a man's. When a baby is born it has a thousand times as many neurons as a blank phonographic cylinder, ready to receive the impression.

The brain makes its most rapid growth during the first 10 years of life, in fact, it makes most of its growth during this time.

brain is that the left brain presides over the action and sensations of the right side of the body and the right brain over the action and sensations of the left side of the body.

Brain Power Not Increased. Though it is true that we have a double brain, this does not signify we have two minds or that it makes us twice as strong mentally.

A notable exception to the symmetrical action of the brain is the fact that the brain is not in the motor center for the control of speech.

A man injured in a fight was brought into a clinic in New York City. In the fight he had an umbrella thrust into his left eye.

There is no death! There is no death! There is no death! There is no death! There is no death!

A Poem Worth Knowing

The poem which follows appears in abridged form in many collections, accredited to Lord Lytton. A correspondent writes that he has seen the original manuscript, written by J. L. McCree, author of a volume entitled 'Songs of Toil and Triumph,' published in New York in 1833.

There is no death! There is no death! There is no death! There is no death! There is no death!

There is no death! There is no death! There is no death! There is no death! There is no death!

TEETH LOST IN HOLDUP

Negro Fined \$500 for Robbing Switchman of Diamond and Molars. KANSAS CITY, Mo., July 14.—The penalty for holding up a man on the streets of Kansas City, Kan., and robbing him of his false teeth, is \$500.



The Victim, by Thomas Dixon, 3125 D. Applause, New York City.

The hero of this Civil War novel is Jefferson Davis, President of the Confederate States. Mr. Dixon is a Southerner, and naturally he writes this novel from a Southern point of view.

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Difficulties are things that show what men are. Epictetus.

Thomas Dixon Author of 'THE VICTIM' With Jefferson Davis as the Hero. Illustrations, 24 black and white maps in the text and two maps in full color.

Business Arithmetic, by C. M. Bookman, Illustrated, 25 cents. American Book Co., New York City. Problems applying to manual training, parcel post, railroad rates, postal savings banks, new tariff bill, and new Federal banking law, are some of the up-to-date features of this valuable account of business arithmetic.

Whitehead's Conventions of Auction Bridge, by Willbur C. Whitehead, and edited by H. F. Foster, \$1.25. Frederick A. Stokes Co., New York City. Mr. Foster writes from the Savage Club, London, under date of April, 1914.

WOMAN SWIMS HUDSON Mrs. Flora Madsen Risks Life on Dare to Win New Hat. STONY POINT, N. Y., July 12.—Dared by her husband, Mrs. Flora Madsen, 29 years old, swam a mile and a quarter from Stony Point across the Hudson River to the east shore near Cruger, and won a new hat a few days ago.

Recent experiments indicate that the muddy taste in some fish, which has been attributed to the water in which they live, is due to certain aquatic plants that they eat.

Wise, safe counsel, both for fathers and sons, in language that is easily understood. Explains the subject in a simple and instructive manner. The subject is generation of sex. A preface is written by Ernest Thompson Seton, and he says:

With illustrations numerous and attractive, these 50 sketches of famous Americans, covering the period from 1765 to 1865, follow the programme of the committee of eight of the American Makers of the Nation, by Fannie E. Coe, Illustrated, 35 cents. American Book Co., New York City.

Advertisement for SAMATIVE SHAVING Self Shampoing and CUTICURA SOAP. Includes an illustration of a man shaving and text describing the benefits of the products.