SKULL DEVELOPMENT.

HOW TO "SIZE UP" YOUR FRIEND'S INTELLECTUAL POWERS.

Strong Outline and Central Measurements, Wisdom of Proportionate Physiognomy. Dr. Paterson's Talk on Recent Investigations.

Recently the scientists both in Europe and America have been giving a good deal of attention to the construction and measurements of the human head or anatomicity, as they call it.

The studies of Dr. Frederick Peterson, the foremost expert and specialist in nervous diseases, of New York, have been equally conscious. Their conclusions have been reached by accurate measurements and not by feeling bumps. Dr. Peterson said to me:

THE PROPER TASTE.

"No men noted for great attainments and intellectual capacity of high order have and area of the skull are far above the normal average. In other words, their heads are large. In many instances the diameters and area are below the normal average, and there is also great anatomically in shape, especially in females by criminals. One side of the head may be larger than the other, the forehead may retreat, or there may be some other lack of symmetry and proportion. Often the body, face and ears are deformed. All the higher mental faculties are located in the frontal lobes of the cerebrum, and these normally have a direct proportion to the length and breadth of the frontal. Just back of this region the superior centers and the centers for sensations are located.

"Directly behind the ears and a little above are the centers for remembering that which is heard, and here are undoubtedly located some of the memoriter functions, for instance, the verbal memory of musical compositions, which are governed by "Third Tem." The memory of everything seen is stored away in the posterior lobes of the brain, therefore people of great perceptive power and who remember well all their perceptions will be found to have a large development on the back of the head. It has been noted that in people who blind this part of the head is smaller than in those who are blind. In contradistinction to quick perceptive the perceptive power is located here in place of Gall's phrenogenetic centers and bumps of the cerebrum. Gall located the perceptive power immediately over the ears, which is a carry in the lower overgoing the brain.

"The average circumference of an adult man's skull is 22 inches and of an adult woman's 21 inches. The average length of the arc from the roof of the nose over the top of the head to the most prominent point on the back of the head is a man 13 inches and in the woman 12. The average length of the arc from one ear to the other over the top of the part of the head is a man 13 inches and in a woman 12. The average circumference of the arc from the middle of the forehead in a straight line to the midmost part of the head, is in a man 7 inches and in a woman 6. The average diameter through the front part of a man's head from one side to side in a straight line, is 6 inches, and of a woman's head 5 inches. These are only a few of the more important measurements taken.

"I make note less than seventeen measurements and three drawings of a man's head. I find in some cases these outline measures from 20 to 100 separate area and diameters are measured. It will be seen that the head of a woman is on an average smaller than that of a man, but as her brain weighs as much ounces too. While it may be taken as a general rule that a head of large dimensions is associated with unusual capacity in some one or other direction, it is, of course, not always the case. There are, usually unique, or may even have not with persons with large heads, and conversely, persons with small heads may manage to enjoy considerable conception from the hands of intellect, and can use readily consciousness of some of their intellectual being replaced by more ordinary masses or substances required to perform the function of a vocation.

DANCING ON THE BRAIN.

"The skull bones may be twice as thick as usual, or there may be an unusual amount of fluid in the cavities of the brain and its coverings. Again, a person with a rather small head may have more thinking reason to the value of man than another, has far less weight, one packing of every kind, as in the case of Gambetta, whose brain was rather small. The word 'packing' is sometimes use to use in this connection, for it describes the condition perfectly. Just as delicate china or glass vessels are packed away in sawdust, hay, etc., for shipping, so the faculties of certain minute measures and thoughts are packed away in an enormous quantity of material known as connective tissue, which differ relatively little from hay and sawdust in structure as seen under the microscope, and which serves as rapidly efficient purpose. Here an idea is instantaneously, though indeed rarely, seen with an unusually large bunch, and the packing of its environs valuable inner trees was left out by the thoughtless workmen, and only the hay and sawdust stored away.

"As to the age of 30 the development of a man's skull depends on his circumstances, and, in fact, on outside environment. Subsequently the mind may develop a great deal, but the skull will not. From the age of 30 to skull remains the same proportion and the same dimensions, and it is on this account that certain measurements of the head between useful as a means of identification of adults. They may change their appearance in many respects, but cannot substantially alter the shapes of their heads. M. Bertillon has incorporated, therefore, certain skull dimensions in his system of identification of criminals, now much employed in France, but as yet little in this country."—New York Herald.

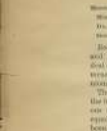
—Two years ago George Croft, of Stockton, Wis., loaned a friend $10 to be returned by mail. Soon after the loan arrived a letter asking if he had received the money. Croft replied, on receipt of the letter, that he had received it, and the friend declared he had sent it before sent his money. This week Croft received the first letter containing $10, which was sent August 17, 1888, in Auckland, and had lain there ever since.

—Hon. Abigail Dodge ("Gail Hamilton") receives a Sunday-school class from service every Sunday at Secretary Blaine's residence.

The Modern Queen of Hearts.

Is this fair face at her best
Or behind herself to sit Supreme
Of matchless dominion,
For the queen of women we could name?
No Mrs. Vy 20, or Be Sander
Without hesitation.

She sit is charged, in frock and Table,
By some great, natural, from heaven sent,
Queen beauty lower.
Is Queen crowns her Queen queen queen,
And so, and, Are are Silver there and
Far lower beauty.



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