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THE ETIOLOGY  
OF  
OSSEOUS DEFORMITIES  
OF THE  
HEAD, FACE, JAWS AND TEETH

BY  
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WITH  
FOUR HUNDRED AND SIXTY-ONE ILLUSTRATIONS  
422 OF WHICH ARE ORIGINAL

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L. C.

Horizontal index,	- - - - -	87.13
Circumference,	- - - - -	49 c.
Anterior demi-circumference,	- - - - -	20.35 c.
Posterior demi-circumference,	- - - - -	28.65 c.
Longitudinal diam.,	- - - - -	171 mm.
Transverse diam.,	- - - - -	149 mm.
Vertical diam.,	- - - - -	118 mm.
Bi-frontal diam.,	- - - - -	90 mm.
Bi-mastoid diam.,	- - - - -	108.5 mm.
Bi-zygomatic diam.,	- - - - -	132 mm.
Vertical circumference from ear to ear,	- - - - -	279 mm.



Fig. 50.

Center of left parietal prominence to occipital protuberance,	- - - - -	119 mm.
Center of right parietal prominence of occipital protuberance,	- - - - -	132 mm.
Anterior border foramen magnum to superior occipital angle,	- - - - -	128 mm.

Fig. 50 is the picture of Patrick Eugene Joseph Prendergast, twenty-five years of age, who shot and killed Mayor Carter Harrison of Chicago, October 28, 1893, at his residence,

claiming that the mayor had not given him a certain office which had been promised him. Prendergast was born in Ireland, and came to this country at the age of five years. On the witness stand the author gave the following testimony: Height, 5 feet 7 inches. Weight, 132 pounds. Hair, red, coarse and stiff; very little upon face. Nose, fairly normal; thin at bridge, broad at alæ. Ears, large and projecting; lobes, short and broad; tragus, both well developed; helix, broad, with typical tubercles at the upper and outer border of the ear. Lips, upper small and thin, lower excessively developed; more prominent because of undeveloped upper jaw. Face, arrest of development of the bones of the face, especially at the alae of the nose. Zygomatic arches, normal, but appear prominent owing to the arrest of the bones of the face. Lower jaw, normal. Forehead, receding. Head, sunken at the bregma; occipital portion excessively developed; circumference, 22.2 inches (57 mm.); antero-posterior, 7.75 inches (20 mm.); lateral, 6.36 inches (16½ mm.); lateral index 82; therefore extreme brachycephalic. Feet large, hands normal, fingers long and skinny. Width, outside first permanent molar, 2.25 inches; width, outside second bicuspid, 2 inches; width of vault, 1.25; height of vault, .75; antero-posterior, 2.

This individual possesses all the stigmata of Lombroso's degenerate form of insanity, paranoia.

As was observed in the chapter upon "Developmental Neuroses," that "authors and specialists differ in regard to their definitions of neurotics and degeneracy, and also differ as to the cases that should come under the head of one and the other," the question would naturally arise (after reviewing the different cases under consideration), is there any difference? We find the same deformities in one that we do in the other.