

The study of the criminal leads to the consideration of his physical and mental qualities. Whatever the type of the criminal may be, and in whatever class he may be placed, it would surely seem that there would be some significant types by which he can be recognized: "As was well written by Besant descriptive of a criminal."

"His face which was stamped with the plain and visible marks of the world, the flesh and the Devil. What is that stamp? Nobody can paint it or describe it, yet it is understood and recognized when ever one sees it."

As Sallust wrote:—

"Prorsus in facie vultuque vecordia inerat."

Voicing Duncan's disappointment, though Shakespeare said "There is no art to find the mind's construction in the face," he no doubt alluded to expression alone. The anatomical features indicative of defective development, by the prominent ears, the shape of the cranium, the projecting cheek bones, the large lower jaws, the deeply placed eyes, the shifty animal—like gaze, were observed by Grohmann, and were very important and anticipatory of later conclusions. The graphic description above quoted would almost indicate a relapse to a primitive type, a degeneration most devoutly to be avoided. On this point, there is one anatomical feature to which I wish to draw attention:

Dr. Nordau agrees with Lombroso that in these degenerates there has been an arrest of development, but not arrest at one of those fixed points, which may be held to mark a special epoch or stage in the past history of the race, but rather an irregular arrest. I think this is a very interesting observation. In the skulls of some of the primitive races that I have examined, there are abnormal developments in the ossifications of the skulls, such as the presence of wormian bones in unusual positions, and in unusual numbers, the anterior fontanelle for instance, and it is known that in the skulls of some criminals similar conditions have been described. The cranium is measured from certain defined points, and according to these measurements indices are recorded; for instance, we take height and breadth indices, as well as those of the jaw, nose, eye, and cheeks. In the criminal class the cephalic indices are generally exaggerated. The long-headed or dolicocephalic, or broad-headed, or brachycephalic races showing unusual anatomical formation. There are many