

these sciences has removed the difficulties which imperfect knowledge suggested, and as they have gone on to still greater perfection, their revelations have confirmed the declaration of Scripture.

It is very important that every Christian should base his piety upon knowledge,—that he should have an enlightened understanding as well as a devotional spirit. And in these days of scientific research, when the horizon of intellectual vision is hourly expanding, it is exceedingly desirable that the results of science in confirming revelation should be communicated to the popular mind.

*Physiology.*—It is stated in the Bible, that God created Adam and Eve as the first parents of the human race, and that from them all the nations of the earth have descended.

But as we survey the human race, we are struck with astonishment at the great diversity presented in the physical appearance of mankind. The European has a delicate skin, in which the rose and the lily are beautifully blended. When we contrast with him the Hottentot, with a skin of coarse and greasy blackness, or the American Indian with his copper hue and peculiar skull, it is at first difficult to conceive that they could have proceeded from a common origin. And thus did the science of physiology, in its infancy, tend to discredit revelation. The self-conceited philosopher, who has just caught a glimpse of this wide field of knowledge, talked loud and vauntingly of the triumphs of science, and of the ignorance and credulity of those who had faith in revelation.

Look, he said, at the white man, and the tawny man, and tell me if it be possible that all these varieties could have descended from one common parent.

But the field of Physiological science continued to be explored. New facts were elicited. It was

found to be impossible to make any classification of the different races of men which should be at all well defined. The various classes all run into each other and blend together; the difference is not broadly marked.

It was observed that the same parents have some children with light complexion, blue eyes and light hair, and others of dark complexion, black eyes and light hair. It was seen that the Europeans under the equator became swarthy, and near the poles fairer. It was seen that those who were well fed and clothed, and protected from the weather, were from generation to generation growing more delicate in skin, more fair in complexion, more perfect in general physical organization: while he who lived in a state of savage nakedness, with his body besmeared with grease and paint, dozing, half-starved, in the smoke and filth of his hut, breathing the pestilent air of bogs and swamps, unwashed, uncombed, gradually deteriorated generation after generation, and with matted hair and blackened limbs, lost nearly all resemblance to the refined ancestry from which he degraded himself. It was found that the Jews were fair in Germany, brown in Turkey, swarthy in Spain, olive in Syria; and that the renegade English sailors, who united themselves with the savages of the Marquesas, were soon so changed in color that they could not be distinguished from the natives. The anomaly was found of children born of black parents entirely white, again children of negro parents were found with the whole surface of the body covered with white spots; and again there were cases in which a white spot made its appearance upon a black man, and gradually spread, till the man became from foot to crown a white man. And it was observed that the anomalies thus unexpectedly appearing were transmitted from parent to child.