

plainly manufactured articles,"—came into existence and by whom they are manufactured we may not inquire, for science has nothing to do with such questions. Atoms, however, being assumed as existing evolution begins. That is, *a process begins, during which these atoms, following fixed uniform laws, through steps of infinitesimal degrees of variation, at last become what the present cosmos is, in all its parts, physically, biologically, intellectually, emotionally, spiritually.* Suppose, it is said, nature as it has existed from the beginning through long ages till the present day, cut vertically, down from the highest man to the lowest primeval atom, we should find "that nature in the vertical section offers no break, or pause or flaw . . . and the study of this is to deal with one science, Evolution."

"Evolution began with protoplasm and ended with man." We have then, first, protoplasm and its environment. Then our theorist, looking down the past ages, discerns at the bottom "a single primordial cell," floating in the protoplasm; gradually, by imperceptible steps of variation, he sees it ascend until it becomes *man*, the self-conscious, intelligent, spiritual being, whose organization is superior to all else in nature.

"Nature has succeeded in making a man, she can go no further; organic evolution has done its work. On the earth there will never be a higher creature than man. In this development, environment is the prime—the supreme factor, and itself rises with every evolution of any form of life. The dynamic in the process is love."

The environment, following the two-fold law of love, involves itself with the evolving cell and produces the successive organisms. Self-love and other-love act and react on the primordial cell and other atoms. The cell is divided, multiplied, differentiated, combined until it becomes a living organism. This in the long course of ages becomes sentient, and continuing its long ascent reaches the highest rung of nature's ladder as a mammal, and finally emerging far above the other mammalians, when the organic evolution is arrested, not suddenly but by tardy stages, the now complicated cell becomes *man*.

"No greater day ever dawned for evolution than this on which the first human infant was born—a tutor for the affections, . . . . To create motherhood and all that inshrines itself in that holy word required a human child."