

wound, it has a contractile quality. When that is wound, it has the power of transmitting what we call the nervous force; or, when the other is wound, it is the beginning of a bone: when this other, that is the commencement of an artery; or when this other, that is an incipient vein.

We stand in awe before this action of the bioplasts as incontrovertibly indicating intelligence somewhere. If you please, when the egg begins to quicken, must not the whole plan of your eagle, or of your lion, be kept in view from the first stroke of the shuttles? It is something to weave a nerve, is it not? It is enough to keep us on our knees to know that this little mass of colorless, viscid, and, under the microscope, apparently structureless matter, can weave osseous, muscular, and nervous fibres. But what if they can not only spin these different threads, but also weave them into warp and woof? I am putting before you facts that are not controverted at all. Dr. Carpenter adopts these views in the latest edition of his famous "Physiology." They are wholly authoritative statements of what goes on in every living tissue. Among materialists and anti-materialists, as they walk over this high table-land of science, there is, I assure you, my friends, unanimity as to essential facts at present; and by and by, perhaps, there will be unanimity as to inferences from facts. My belief is, that these facts should be put before all scholars, and not kept from the masses. [Applause.] The members of the legal, clerical, and literary professions, are trained in the logical method