

we find marked on the surface of the country in characters which might be read from the moon, — are *not* adequately represented. It would be perhaps more correct to say, that they are not represented at all ;* and the clergy, as a class, suffer themselves to linger far in the rear of an intelligent and accomplished laity — a full age behind the requirements of the time. Let them not shut their eyes to the danger which is obviously coming. The battle of the Evidences will have as certainly to be fought on the field of physical science, as it was contested in the last age on that of the metaphysics. And on this new arena the combatants will have to employ new weapons, which it will be the privilege of the challenger to choose. The old, opposed to these, would prove but of little avail. In an age of muskets and artillery, the bows and arrows of an obsolete school of warfare would be found greatly less than sufficient, in the field of battle, for purposes either of assault or defence.

“ There are two kinds of generation in the world,” says Professor Lorenz Oken, in his “ Elements of Physio-philosophy ;” “ the creation proper, and the propagation that is sequent thereupon — or the *generatio originaria* and *secundaria*. Consequently, no organism has been created of larger size than an infusorial point. No organism is, nor ever has

* I trust that at least by and by there may be an exception claimed, from the general, but, I am sure, well-meant, censure of this passage, in favor of the Free Church of Scotland. It has got as its Professor of Physical Science — thanks to the sagacity of Chalmers — Dr. John Fleming, a man of European reputation ; and all that seems further necessary, in order to secure the benefits contemplated in the appointment, is, that attendance on his course should be rendered imperative on *all* Free Church candidates for the ministry.