

disclaim its responsibility. Chloride of sodium is not, in fact, the only substance in the ocean-waters. There are, besides, numerous mineral substances, and the saltiness of the sea is not due to common salt alone, but to all the soluble salts of the globe. And in addition to these the metals are, as we have said, also found therein, though in very minute proportions. Such, indeed, must be the case if we consider the saline substances of the sea as the product of the general lixiviation of the globe which took place in the geological period.

If the pedagogue Jacotot could say : "All is in all," we may assert, after a more concrete fashion, that "everything which is soluble may be found in ocean."