

But one surely has a right to expect that the thoughtful few, "the saving remnant," will find in the appreciation of *the principle itself*, a mental satisfaction full and complete in its degree. —And whether any particular general principle or law of nature be won by the labours of a worker in the domain of Chemistry, of Zoology, of Political Science, of Theology, or any other of the much overlapping but conventionally recognized divisions of this immense field of research—so extensive with the universe of matter and mind—every thinker will yearn to be made acquainted with it; every true man will wish to add it to his treasure-trove.

So far as any poor attempts of my own are concerned, and so far as I have welcomed and approved the attempts of others in this direction, these have aimed at making clear the fundamental principles which have been discovered in the domain of chemistry, so that they should be a part of the common stock of natural knowledge won by man. A manufacturing chemist, an analytical chemist, has need of a thousand and one details of knowledge, not only of chemistry proper, but of mechanics and what not, that he may successfully prosecute his *craft*, for he is a craftsman. As a *craftsman* he is distinguished from his fellow men; as a student of nature he is *one* with them, *i.e.*, provided that he is a thinking man at all, which is by no means necessary; for even the successful chemist is no more necessarily a student than the successful builder of electric motors is a Clerk-Maxwell, or a Faraday, or a Lord Raleigh. Now, the one feature in common which all efforts known to me to popularize chemical science have had, is the apathy with which they have been received. On learning that a certain series of lectures on chemistry, delivered by Professor Lassar-Cohn in Germany (Königsberg) had been received with marked favour, had been published again and again, edition after edition, and had finally been translated into English by no less well known a chemist than Professor Pattison-Muir, I hastened to procure a copy of the volume, feeling hopeful that at last the art of presenting scientific truth in taking garb had been discovered. The result