

sufferings... Wherefore in all things *it became Him* [the Divine Son] "to be made like unto His brethren," &c. (Luke xxiv. 26-46; Heb. ii. 10, 17.) Surely Christian teachers must take such passages as these both for their texts and their models. To expound these texts, to enter really into their meaning, is to compose a chapter of a treatise on doctrinal theology. Systematic theology, then, cannot be done away, so long as the Bible is to be the subject of real, earnest study. Reason must continue to be applied to the exposition, "support, and defence of pre-existing statements of Scripture." Here again, however, we would remember the caution of the same divine we have already quoted. Human reason "owes all its light" on these subjects "to revelation, and cannot go beyond it. With even the clue in its hand, it extricates itself no farther from the labyrinth than it is led by the hand of inspiration."

CULTIVATION OF THE MUSICAL POWERS.

BY THE REV. J. R. SCOTT.

Music, like every science, forms a department of God's truth. As such, it has its laws no less fixed and unalterable than those of any other science. These laws have been ascertained and systematized, just as in the other sciences. As in chemistry, it is found, by experiment, that certain gases, combining in certain definite proportions, form water, so in music, experiment shows that to produce a given effect, sounds must follow each other according to a regular scale, in which the notes are separated from each other by intervals, some longer, some shorter, but so mathematically exact, that notes struck together in certain combinations, invariably produce harmony, while, sounded together in other combinations, they always produce discord. Only as these laws are observed, can sounds give pleasure, or awaken any specific emotion. The same sounds given out regardless of these laws, annoy the ear, and may even cause exquisite pain. Now, as one may have considerable practical knowledge of chemistry, without being a scientific chemist, so nature, practice, and observation, may have given one considerable acquaintance with music, who has never been taught it scientifically. Still, it is only as the natural musician *really*, however unconsciously, conforms to the principles enunciated by science, that he can produce any desired effect. Now, since the science of music embraces all that nature and experiment have taught all men in all time hitherto about this branch of truth, it is presumable there is no one so gifted as not to be capable of increasing his skill, by availing himself of instruction. The more nearly the praises of God's house are conformed to the true teachings of musical science, the more likely, other things being equal, their design will be accomplished.

There seems to be in the minds of many of the advocates of congregational singing, a repugnance to the idea of church music being *scientific*. But does not this spring from a misapprehension of