gies. The statements of some of the diseases pro- | further indulgence for a single extract, and then I duced by bad air, is absolutely sickening; and | have done. "It has been remarked that the saduced by bad air, is absolutely sickening; and have done. presents the consequences of violating the physical laws in a point of view which will scarcely find a parallel.

allowed to use my own word) of scrotula and elephantiasis; -they are all produced by the same cause,-contamination of the blood; only the one class is by transpiration outward, toward the skin; the other inward, to the lungs.

I have now only to show the probability of the correctness of my "opinion," "that this gas is the immediate cause of cholera," by reterring to the facts stated in my former communication, which, it will be recollected, indicated that carbonic acid was invariably found in precisely the same sort of atmosphere in which I have proved, by the "most emment physicians examined betore a Committee of the House of Commons," the other diseases mentioned, were produced.

If this controversy was upon any less important l subject, it might be a matter of doals, as to whether I should enter the list with any anonymous water; but this matter is of too much consequence to the public to permit me for one moment to allow any consideration of a personal kind to have weight against the correction of ermay; and, therefore, in the words of my antago-nist, I feel bound to "assist in a small degree that tomed to such changes." most important object of periodical literature—the promulgation of correct knowledge.35 And especially is it necessary when we see hundreds mere assertion of your correspondent, that there and thou-ands of heads of families, who are daily dooming to disease and death, their immortal offspring, merely from want of this "correct knowledge." Not that it is not offered to them, but because it is too much trouble to think for themselves, and they allow such men as " Carbonic , Acid " to lall them to sleep by such puerile ad- , samption; and, having in my former communivice as "kicking out stoves, stuffing up windows. placing American ventilators near the ceiling,"

The truth is, that books are too often taken for brains, and instead of using them for the purpose of facilitating the operations of the mind upon enquiries into the practical operations of every-day i life, and maturing the judgment, by which alone i errors are corrected and truth substituted, they are too often allowed to usurp and occupy the whole ground, whence alone originality of thought can be expected.

"Carbonic Acid" is no doubt a practical chemist, what we term a learned man; for so nicely does he weigh and define the constituents of the atmosphere, that his tractioned niceties are perfectly astounding,-6 2-100ths, 3 7-100ths, 4 15-100ths, 34-100ths, and so on, to the 1-10,100th part of a gram! Now, I advise my friend, when he comes to discuss any matter connected with the practical carrying out of the physical sciences to our every day purposes, to throw away his clain books, and manfully appeal to his own judgment, has. and his every-day experience. And in order to help him out of the thraldom, in which I see he is held by his books, I must, Mr. Editor, crave your this subject; on the contrary I court it and feel

lubrity and healthy state of the air depends, in a great measure upon the quantity of oxygen gas n contains, and the quantity appears to exist in all Consumption is but another variety (if I may be fluence of winds. But the same uniformity does lowed to use my own word) of scrotula and elelanding to the variety of scrotula and elelanding to the variety of scrotula and elelanding to the variety of the v crowded theatres and hospitals, that are badly ventilated." Mr. Tredgold, referring to these remarks, says :- "Yet the chemist who wrote this remark was notable to detect an appreciable difference between the air of an hospital and that of an open situation; and the same thing is averred by other chemists. Seguin tried the air of an hospital, the odour of which was disagreeable. but it gave him the same result as the external air. The researches of Priestly, DeMarti, Gav Lussac and others, all tend to establish the same result; which is, that the composition of the atmosphere is essentially the same everywhere.-It you allow these experiments to be correct, they only prove that a deadly poison may be diffused through the atmosphere which the art of the chemist cannot detect, but of which we have better evidence ''-- (hear the practical man) "than is given by the nicest tests of the analytical chemist, in the pale visages and weakly constitution of the inhacitants of confined and crowded cities; -- in the inhabitants of particular districts, roneous views, come from what quarter they and in the important alteration which a change of

Now, Sir, I think I have proved against this is deadly malaria and miasin of some kind, by whatever name called by chemists, (if indeed they know any thing more about it than I do,) which, from whatever cause, floats near the surface of the earth; and that it is the cause of disease, especially of cutaneous diseases and concation shown that these diseases, as a general rule, prevail in precisely the same localities in which cholera has most prevailed, I submit that the inference is a perfectly logical and reasonable one, that this latter disease originates in the same cause. This, then, being the case, am I not correct in my conclusion, that the ventilating air should be taken from the higher strata, your correspondent's assertion to the contrary, notwithstanding?

1. 3 farming population are, now that fuel 15 becoming scarce, even in country places, and very dear in our cities, building hundreds and thousands of new houses, and for economy's sake adopting the stove, and, what is intinitely worse, the hot-air systems; and it I can show them that they can put up a dwelling without any additional expense, which will insure, at all times a healthy atmosphere within its walls; and this too with additional warmth in cold weather, and a great saving of fuel, I think I can fairly claim to have accomplished what no other man

In any thing I have said, I am unwilling to be understood as feeling opposed to the discussion of