Mechanics and General Science.

IMPORTANCE OF SCIENTIFIC KNOWLEDGE TO PRAC-SCIENTIFIC MEN.

Continued.

great a disproportion of professional men.

A change, however, is taking place in public opinion. On this subject the New York Spectator says: — "In the United States, a revolution is proceeding with respect to this matter, which will they are all subject to fixed and irrevocable laws; quietly, but surely tend to beneficial results. The Bar is no longer the resort of the ambitious youth of our country. The mechanical departments are preferred; there are now thirty young gentlemen in this city, who are serving their "time" as ship-wrights, architects, carpenters, &c. In a few years the United States will have the most accomplished mechanics in the world. A new class is springing up who will put the present men in the shade. The union of a substantial education with mechanical skill, will effect this. Indeed already we could name some mechanics who are excellent mathematicians, acquainted with French and German, and able to study books in those languages connected with their vocations. Heretofore fond fathers were wont to educate their sons as doctors or lawyers, to insure their respectability and success. That day is passed. Mechanics will take the lead, and in a few years will supply a large portion of the State and Federal quietly, but surely tend to beneficial results. The and were the practical agriculturists familiar with

I would most earnestly recommend the sons chemistry.
of farmers who intend to follow the pursuits of In every department of life, even the most

Philosophy. Farmer's sons in Canada generally devote the winter to study either at the Common School in their own neighbourhood, or at some PORTANCE OF SCIENTIFIC KNOWLEDGE TO PRACTival Men, and of practical knowledge to field for useful or interesting observation to the farmer as Chemistry and Natural Philosophy; none certainly would call for so frequent appli-Again-scientific knowledge amongst the la-cation as the principles of these Sciences. bouring classes would elevate their calling, and whole process of vegetation, the germination induce many mistaken parents to educate their of the seed, the growth of the plant, the composithe over crowded professions.

That the legal and medical professions are too much crowded needs no demonstration; the proof is before every body's face. Too many practitioners in both law and medicine, are without practical accordance, and leave the others without even a competence unless derived from some other some? At leave the others without even a competence unless derived from some other some? It is estimated that in New York there are some 700 or 800 law yers and nearly as many Doctors. Of those there are 150 whose annual receipts are not more than £100; another 150 with receipts of £30; and still another 150 whose receipts are about £60; another 150 whose receipts average not more than £8 per annum. This estimate may be drawn in too dark colours, but the colours of America wheat has been York. The remaining members of these professons for mechanics, instead of thrusting them into tion of the seed and the plant, the soil and manures, York. The remaining members of these profes-grown for a century on the same fields. Why this? sions are, of course, in the receipt of very large Again, crops are not always abundant in proporting the many be regarded as a fair picture tion to the quantity of manure, even though it be of the reality in all overgrown cities; in smaller of the best kind and the culture the most careful, towns and country places, there would not be so during a season the most favourable. Fields which have become unfitted for one kind of grain

supply a large portion of the State and Federal equally useless to them, instead of studying che-Legislature. Instead of studying chemistry and natural philosophy, the principles of Such is the language of one of the first papers which would be required every day of their lives. of New York. Similar sentiments have been Human life is a journey; and men should carry expressed in other and influential parts—and for with them just what they will require, and not tunate would it be for hundreds of young men of burden themselves with a Latin dictionary and the present day, if they would follow such advise. the present day, if they would follow such advice. Horace, when they need the axe, the lever, or the

their fathers, to study Chemistry and Natural humble, such knowledge would be of incalculable