

even a word of textual explanation. He that but runs may read, and even the most obtuse reader cannot fail to comprehend the aptitude and force of the author's exposition of the most usual defects and faulty arrangements in modern house construction. Not only should every house *proprietor*, but every proposing tenant, secure and study well Dr. Teale's book, for beyond all question in both these classes a most deplorable amount of ignorance and apathy obtains in regard to house drainage and ventilation.

We cannot perhaps in a brief notice of the work, better indicate its general purport and utility, than by transcribing some of the titles given by the author to his numerous well-executed plates. House with every sanitary arrangement faulty; the same avoided; flame of candle at the key-hole, and the lessons it teaches; waste pipe of kitchen sink untrapped, and passing direct into drain; kitchen sink carried untrapped into soil pipe of water closet; the same, corrected; defects in lavatories and baths, and their remedies; unsiphoned traps; housemaid's sink pipe passing untrapped into a soil pipe; water-closet faulty; faults corrected; "save all" trap beneath water-closet, with untrapped waste pipe acting as ventilator of soil pipe, rats and the tale they tell; dish-stone in cellar leading into a drain, no wonder meat won't keep; cess pool over-flowing, and results; broken junctions and results; common stone drain under tiled hall, leaking at every joint; "Jerry-builders" buying "seconds," a murderously instructive picture; drain made of seconds; manslaughter under an "alias"; road muck and midden refuse for mortar and plaster; six-inch pipe interpolated between two four-inch pipes; joints gaping from sinking of foundation; pipes laid with the flanges down-hill; newly laid drain blocked in syphon trap by stones, &c.; drain under a house, running up hill; drain "to be continued" sometime, (an abrupt conclusion at a solid rock, but a resumption with one joint beyond, to pass the Inspector); drains disconnected and mis-connected; poisoned by next door neighbor's drains; drain, making the best of a rock (going through by creeping over); economy in digging, at the expense of a fall in the drain (a too common trick); waste pipes cut off, but left open; hunting for drains, no plans (*a la* Dr. Workman at Toronto Asylum in 1853); terrace of the future on refuse of the past (plenty of such in Toronto); and many others of equal importance.

The titles of Dr. Teale's plates are no mere creations of his own fancy. Every one of them has been founded on closely observed facts, which he has detailed in clear and brief terms. The murderous frauds exposed in his 33rd, 35th, 36th and 37th plates, and the notes accompanying them, we should hardly have dared even to insinuate as practical realities, in so moral and pretentious a community as that of England. We have, to be sure, seen some very fishy work done, or attempted in Canada, but we do not believe that any Toronto contractor, or scamp housebuilder, has yet indulged in the road muck, or midden refuse line of mortar making. As to the sins of plumbers, both of commission and omission, to say nothing of their ignorance and indomitable self-conceit, we deem it a work of supererogation to trespass on the patience of our readers with any exemplifications, for very few persons who have had the advantage of their intimacy can require additional instruction.

In concluding this notice, we have to express our regret that Dr. Teale appears to be unacquainted with the invaluable system of downward water-closet ventilation, now so generally well understood here, and first introduced in the Toronto Asylum, many years ago, by Dr. Workman. The simplicity and cheapness of this system, which should be its highest recommendation, we are sorry to say, do not seem to render it acceptable to plumbers, some of whom take care to complicate it, at considerable cost, in such an antagonistic manner as actually to nullify its efficiency.

A TEXT BOOK OF PHYSIOLOGY. By J. Fulton, M.D., M.R.C.S., England; L.R.C.P., London; Professor of Physiology and Sanitary Science in Trinity Medical School, Toronto, etc., etc. Second edition, enlarged and revised. Illustrated. Philadelphia: Lindsay and Blakiston. Toronto: Willing & Williamson.

The following review of the above work on Physiology appeared in the *Toronto Mail* of the 24th of May:—

Dr. Fulton has been so long and so favourably known as a teacher of physiology in the Provincial capital, that any work from his pen on the particular branch of the medical curriculum with which his name is more specially associated, bears an impress of authority that cannot fail to secure for it respectful consideration. There is little in general to be said of manuals of this kind, one text-

book c
ject n
presen
made :
depart
work i
eviden
as sma
treatm
which
more c
medica
but the
ness.
of the
and Ev
also ur
ing of
has pro
favor.
the by
down,"
structo
the ma
work w
dred pe
fectuall
without
comple
other fe
of spac
portanc
physiol
of the
since th
siderabl
work to
the kno
ented b
are limi
several
cuts to
Throug
instance
vations,
ings; a
histolog
the En
will recc
of imita